

**VIA ELECTRONIC MAIL**

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Date: April 20, 2026

Subject: **Quarterly Progress Report (December 2025 through March 2026)**  
**Former Hercules Facility, Hattiesburg, MS**

USEPA Region IV, RCRA 3013(a) Administrative Order  
Docket # RCRA-04-2011-4251

USEPA Region IV, RCRA 3008(h) Administrative Order on Consent  
Docket # RCRA-04-2014-4201(b)

USEPA Region IV, CERCLA Administrative Settlement Agreement and Order on Consent  
Docket # 04-2023-2521

Our Ref: 30274506.3003

Dear Shelby Johnston and David Egetter:

This *Quarterly Progress Report* summarizes the activities completed between December 1, 2025, and March 31, 2026, per the 2011 Resource Conservation and Recovery Act (RCRA) 3013(a) Administrative Order, the 2014 RCRA 3008(h) Administrative Order on Consent, and the 2022 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Administrative Settlement Agreement and Order on Consent (ASAO) for the Remedial Investigation (RI)/Feasibility Study (FS) for the former Hercules LLC (Hercules) site in Hattiesburg, Mississippi, referred to herein as “the site”. As noted in the summary below, the submittal frequency for this Progress Report was adjusted from monthly to quarterly, as approved by the U.S. Environmental Protection Agency (USEPA) on December 17, 2025.

The information summarized herein is intended to document significant activities (e.g., field work, conference calls, technical deliverables, correspondence) performed throughout the reporting period and is not intended to capture all email correspondence between the USEPA and the Mississippi Department of Environmental Quality (MDEQ) (together, the Agencies) and Hercules over that same period.

## Tasks Initiated, Continued, or Completed: December 2025 through March 2026

Hercules and the Agencies continued working on finalizing the *Revised Remedial Investigation/Feasibility Study Work Plan* (Revised RI/FS Work Plan) for the site:

- On December 3, 2025, Hercules provided a summary of the key takeaways and items of agreement with the USEPA, as well as links to the materials presented during the November 17, 2025 conference call (i.e., figures, PowerPoint presentation of the Bouie River Preliminary Conceptual Site Model, and documents requested by the USEPA that were previously submitted under the RCRA program) that was held to discuss the October 28, 2025 USEPA's comments regarding the Revised RI/FS Work Plan. The USEPA provided an email concurring with the summary on December 4, 2025.
- On December 19, 2025, Hercules submitted a *Response to Comments* (RTC) letter addressing the October 28, 2025 USEPA comments on the Revised RI/FS Work Plan.
- On March 5, 2026, the USEPA provided a response letter with final comments on the December 19, 2025 RTC letter on the Revised RI/FS Work Plan.

Hercules and the Agencies also continued working on finalizing the other RI Deliverables for the site:

- On December 12, 2025, the USEPA provided a response letter with comments on the *Revised Quality Assurance Project Plan* (Revised QAPP) submitted by Hercules on June 30, 2025. The USEPA also provided a crosswalk against USEPA QAPP Standard CIO 2105-S-02.
- On January 9, 2026, Hercules submitted an email to the USEPA proposing a conference call to review the status and schedule of RI Deliverables following the submittal of the December 19, 2025 RTC letter on the Revised RI/FS Work Plan.
- On January 15, 2026, the USEPA provided a response letter with one comment on the *Revised Field Sampling Plan* (Revised FSP) submitted by Hercules on September 18, 2025.
- On March 23, 2026, the USEPA provided a response letter with one comment on the *Revised Data Management Plan* (Revised DMP) submitted by Hercules on September 18, 2025.
- On March 23, 2026, the USEPA provided a response letter with comments on the development of the Site-Specific Constituent List for Remedial Investigation submitted by Hercules on September 19, 2025; these comments will be addressed as part of the Revised RI/FS Work Plan.

Additional activities completed by Hercules for the site include the following:

- Submitted the *Monthly Progress Report* for November 2025 to the Agencies on December 17, 2025, which included a request to transition submittal of Progress Reports from a monthly to quarterly frequency. The USEPA provided an email concurring with the request on December 17, 2025.
- Decommissioned the three inactive industrial supply wells at the site on February 3 through February 6, 2026. The work was completed as approved by the USEPA in a letter dated September 24, 2025. A technical memorandum dated April 8, 2026 was submitted to the Agencies providing a field summary documenting the completion of this work.

- Completed the data management of the groundwater and surface water samples collected during the 2025 annual monitoring event (conducted in November 2025). Copies of the laboratory analytical reports for those samples are provided in **Attachment A**. Analytical data summary tables are provided in **Table 1** and **Table 2** for groundwater in the alluvial aquifer and the Hattiesburg Formation, respectively. In addition, **Table 3** presents the analytical data summary for surface water from Greens Creek and **Table 4** summarizes the data for quality assurance/quality control samples.
- Continued preparation of the *2025 Annual Consolidated Monitoring Report* documenting the activities and results of the 2025 annual monitoring event.

## Conceptual Schedule

**Attachment B** includes the updated conceptual schedule to implement the RI. The schedule was originally discussed and agreed to by the USEPA on January 14, 2025, and is being updated by Hercules as work progresses and in accordance with communications, agreements, and requests by the Agencies.

Based on the updated conceptual schedule, RI implementation is planned to begin in Fall 2026, following completion of the document review process. The USEPA is collaborating with Hercules to expedite the review process and meet RI objectives.

## Tasks Planned for Next Three Months (April through June 2026)

- Continue review and finalization of the RI/FS Work Plan and RI Deliverables in accordance with discussions with the USEPA (**Attachment B**):
  - Concurrent submittal of an RTC letter addressing the USEPA's December 12, 2025 comment letter and the Final QAPP.
  - Concurrent submittal of an RTC letter addressing the USEPA's comment letters for each document, along with the Final RI/FS Work Plan, FSP, DMP, and HASP.
  - Coordinate conference call(s), as needed, to discuss submittals and streamline approval of RI Deliverables.
- Submittal of a technical memorandum documenting the decommissioning of the three inactive industrial supply wells at the site on April 8, 2026 (noted above).
- Submittal of the *2025 Annual Consolidated Monitoring Report* documenting the activities and results of the 2025 annual monitoring event.

## Personnel and/or Project Changes

- None this period.

## Community Involvement

- On December 10, 2025, the USEPA distributed a fact sheet providing an update to the community on work completed at the site.

- On January 30, 2026, the USEPA distributed a postcard (email and regular mail) inviting the community to participate in a public meeting on February 24, 2026 to discuss findings and recommendations from the Technical Assistance Needs Assessment (TANA) conducted by Skeo and USEPA in September/October 2025.
- On February 11, 2026, Hercules participated in a USEPA-hosted conference call with the Agencies, as well as representatives from the City of Hattiesburg and Skeo (USEPA contractor), to discuss the public meeting scheduled for February 24, 2026.
- On February 24, 2026, the USEPA and Skeo hosted a public meeting to present the findings and recommendations from the TANA completed in September/October 2025. The meeting took place at the C.E. Roy Community Center in Hattiesburg, Mississippi, and was open to the public with an afternoon session from 2:00 to 4:00 pm, followed by an evening session from 5:00 to 7:00 pm. Representatives from Hercules, MDEQ, and the City of Hattiesburg participated in the meeting, and provided the USEPA with assistance responding to comments and questions from the public during both sessions. Hercules had a table at the public meeting and shared materials (i.e., posters and fact sheet) for use and/or distribution during the USEPA's meeting.
- On March 24, 2026, Hercules provided a summary of key takeaways from the meeting, feedback received from the community, and suggestions that could improve community involvement for future activities. The USEPA acknowledged the email and provided responses to the suggestions.
- On March 28, 2026, Gloria Tatum, Hercules' Community Involvement Coordinator, attended a community meeting at the invitation of the Mobile Bouie Community Organization to provide an update on the status of environmental cleanup activities at the site and shared an email summary of community feedback with the Agencies on April 14, 2026.

## USEPA/MDEQ Support Needed

Hercules is awaiting Agency approval of the *Revised Emergency Response and Notification Plan* submitted on August 20, 2025, so the document can be finalized.

The Hercules team appreciates USEPA's continued support with this project. If there are any questions concerning this submittal, please contact the Hercules Project Coordinator, Chrissy Piechoski at 302-647-9798/ [chrissy.piechoski@ashland.com](mailto:chrissy.piechoski@ashland.com), or me, Suzy Weber, Arcadis Project Manager at 618-208-6957/ [suzy.weber@arcadis.com](mailto:suzy.weber@arcadis.com).

Sincerely,

Arcadis U.S., Inc.



Suzy Weber  
Project Manager

Email: [Suzy.Weber@arcadis.com](mailto:Suzy.Weber@arcadis.com)  
Direct Line: 618-208-6957



Quarterly Progress Report (December 2025 through March 2026)  
Former Hercules Facility, Hattiesburg, MS  
April 20, 2026

CC. Cassandra Johnson – MDEQ, Jackson, MS (electronic)  
Thomas Wallace – MDEQ, Jackson, MS (electronic)  
Chrissy Piechoski – Hercules, Wilmington, DE (electronic)  
Timothy Hassett – Hercules, Wilmington, DE (electronic)  
Antonio Cardoso – Arcadis, Tampa, FL (electronic)  
Gloria Tatum – Tatum & Associates, Jackson, MS (electronic)

Enclosures:

Table 1 – Groundwater Analytical Results – Alluvial Aquifer  
Table 2 – Groundwater Analytical Results – Hattiesburg Formation Well Network  
Table 3 – Groundwater Analytical Results – Greens Creek  
Table 4 – Quality Assurance/ Quality Control Analytical Results  
Attachment A – Laboratory Analytical Reports – November 2025  
Attachment B – Working Schedule – Remedial Investigation/ Feasibility Study Approach

# Tables

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-01      | MW-02      | MW-03      | MW-04      | MW-05      | MW-06      | MW-07       | MW-08          | MW-09      | MW-10      | MW-11      | MW-12      | MW-13      | MW-13      | MW-14      |          |          |
|------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|-------------|----------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|
|                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial    | Alluvial       | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial | Alluvial |
|                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 17     | 7 - 17     | 5 - 15     | 5 - 15     | 5 - 15     | 8 - 18     | 10.4 - 20.4 | 6 - 16         | 7.2 - 17.2 | 6.7 - 14.7 | 6.7 - 14   | 4 - 9      | 6 - 16     | 6 - 16     | 11.5 - 22  |          |          |
|                                          |                                  |                  |                             | Sample Date:     | 11/10/2025 | 11/10/2025 | 11/10/2025 | 11/12/2025 | 11/11/2025 | 11/11/2025 | 11/11/2025  | 11/12/2025     | 11/11/2025 | 11/10/2025 | 11/11/2025 | 11/11/2025 | 11/12/2025 | 11/12/2025 | 11/12/2025 |          |          |
|                                          |                                  |                  |                             | Program:         | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO        | RUAO Poly Pale | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO     | RUAO     |
| Volatile Organic Compounds; Method 8260B |                                  |                  |                             |                  |            |            |            |            |            |            |             |                |            |            |            |            |            | Duplicate  |            |          |          |
| 1,1,1,2-Tetrachloroethane                | 0.57                             | NS               | 0.406                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,1,1-Trichloroethane                    | 800                              | 200              | 200                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| 1,1,2,2-Tetrachloroethane                | 0.076                            | NS               | 0.0527                      |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,1,2-trichloro-1,2,2-trifluoroethane    | 1000                             | NS               | 59400                       |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| 1,1,2-Trichloroethane                    | 0.041                            | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,1-Dichloroethane                       | 2.8                              | NS               | 798                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,1-Dichloroethene                       | 0.82                             | 7                | 7                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | 3.36       | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,2,3-Trichloropropane                   | 0.00075                          | NS               | 0.00623                     |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,2,4-Trimethylbenzene                   | 5.6                              | NS               | 12.3                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,2-Dibromo-3-chloropropane              | 0.00033                          | 0.2              | 0.2                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| 1,2-Dibromoethane                        | 0.0075                           | 0.05             | 0.05                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| 1,2-Dichloroethane                       | 0.17                             | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,2-Dichloropropane                      | 0.82                             | 5                | 5                           |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | 1.71 J     | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| 1,3,5-Trimethylbenzene                   | 6                                | NS               | 12.3                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 1,3-Butadiene                            | 0.071                            | NS               | 0.00696                     |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| 2,2,4-Trimethylpentane                   | NS                               | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| 2-Butanone (MEK)                         | 560                              | NS               | 1910                        |                  | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U     | <500 U         | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <500 U     | <500 U     | <50.0 U    |          |          |
| 2-Chlor-1,3-Butadiene                    | 0.0068                           | NS               | 14.3                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| 2-Methyl-1-propanol                      | 73                               | NS               | 1830                        |                  | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U     | <500 U         | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <500 U     | <500 U     | <50.0 U    |          |          |
| 4-Methyl-2-Pentanone                     | 630                              | NS               | NS                          |                  | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U     | <500 U         | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <500 U     | <500 U     | <50.0 U    |          |          |
| Acetone                                  | 1800                             | NS               | 608                         |                  | <100 U     | <100 U     | <100 U     | <100 U     | 22.6 J     | <100 U     | <100 U      | <1000 U        | <100 U     | <100 U     | <100 U     | <100 U     | <1000 U    | <1000 U    | 10.1 J     |          |          |
| Acetonitrile                             | 13                               | NS               | 125                         |                  | <100 U     | <100 U     | <100 U     | <100 U     | <100 U     | <100 U     | <100 U      | <1000 U        | <100 U     | <100 U     | <100 U     | <100 U     | <1000 U    | <1000 U    | <100 U     |          |          |
| Acrolein                                 | 0.0042                           | NS               | 0.0416                      |                  | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U     | <500 U         | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <500 U     | <500 U     | <50.0 U    |          |          |
| Acrylonitrile                            | 0.052                            | NS               | 0.0367                      |                  | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U     | <500 U         | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <500 U     | <500 U     | <50.0 U    |          |          |
| Allyl chloride                           | 0.21                             | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Benzene                                  | 0.46                             | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | 435            | 2.02       | <1.00 U    | <1.00 U    | <1.00 U    | 344        | 331        | <1.00 U    |          |          |
| Benzyl Chloride                          | 0.089                            | NS               | 0.0621                      |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Bromodichloromethane                     | 0.13                             | 80               | 0.168                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| Bromoform                                | 3.3                              | 80               | 8.48                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Bromomethane                             | 0.75                             | NS               | 8.52                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Carbon Disulfide                         | 81                               | NS               | 1040                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Carbon Tetrachloride                     | 0.46                             | 5                | 5                           |                  | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U     | 1510           | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | 1900       | 1890       | <2.00 U    |          |          |
| CFC-11                                   | 520                              | NS               | 1290                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| CFC-12                                   | 20                               | NS               | 348                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| Chlorobenzene                            | 7.8                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | 1.31       | <1.00 U    | <1.00 U     | 80.1           | 1.41       | <1.00 U    | <1.00 U    | <1.00 U    | 27.2       | 27.1       | <1.00 U    |          |          |
| Chlorodibromomethane                     | 0.87                             | 80               | 0.126                       |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Chloroethane                             | 830                              | NS               | 3.64                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| Chloroform                               | 0.22                             | 80               | 0.155                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | 95.2           | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | 320        | 310        | <1.00 U    |          |          |
| Chloromethane                            | 19                               | NS               | 1.43                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | &          |          |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                              | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-01      | MW-02      | MW-03      | MW-04      | MW-05      | MW-06      | MW-07       | MW-08          | MW-09      | MW-10      | MW-11      | MW-12      | MW-13      | MW-13      | MW-14      |          |          |
|------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|-------------|----------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|
|                                                      |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial    | Alluvial       | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial | Alluvial |
|                                                      |                                  |                  |                             | Screen (ft bgs): | 7 - 17     | 7 - 17     | 5 - 15     | 5 - 15     | 5 - 15     | 8 - 18     | 10.4 - 20.4 | 6 - 16         | 7.2 - 17.2 | 6.7 - 14.7 | 6.7 - 14   | 4 - 9      | 6 - 16     | 6 - 16     | 11.5 - 22  |          |          |
|                                                      |                                  |                  |                             | Sample Date:     | 11/10/2025 | 11/10/2025 | 11/10/2025 | 11/12/2025 | 11/11/2025 | 11/11/2025 | 11/11/2025  | 11/12/2025     | 11/11/2025 | 11/10/2025 | 11/11/2025 | 11/11/2025 | 11/12/2025 | 11/12/2025 | 11/12/2025 |          |          |
|                                                      |                                  |                  |                             | Program:         | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO        | RUAO Poly Pale | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO     | RUAO     |
| Volatile Organic Compounds; Method 8260B (continued) |                                  |                  |                             |                  |            |            |            |            |            |            |             |                |            |            |            |            |            |            |            |          |          |
| Ethyl Methacrylate                                   | 63                               | NS               | 548                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U*   | <5.00 U*    | <50.0 U        | <5.00 U*   | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Ethylbenzene                                         | 1.5                              | 700              | 700                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | 13.2           | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| Hexane                                               | 150                              | NS               | 350                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Iodomethane                                          | NS                               | NS               | NS                          |                  | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U     | <200 U         | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <200 U     | <200 U     | <20.0 U    |          |          |
| Isopropyl alcohol                                    | 41                               | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <10.0 U    | 19.6       | 13.9       | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| Isopropylbenzene                                     | 45                               | NS               | 679                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| m,p-Xylenes                                          | NS                               | NS               | NS                          |                  | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U     | 12.8 J         | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <20.0 U    | <20.0 U    | <2.00 U    |          |          |
| Methyl methacrylate                                  | 140                              | NS               | 1420                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| Methyl N-Butyl Ketone (2-Hexanone)                   | 3.8                              | NS               | 1460                        |                  | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U     | <500 U         | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    | <500 U     | <500 U     | <50.0 U    |          |          |
| Methylacrylonitrile                                  | 0.19                             | NS               | 1.04                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| Methyl-tert-butylether                               | 14                               | NS               | 40                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| n-Propylbenzene                                      | 66                               | NS               | 243                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| o-Xylene                                             | 19                               | NS               | 12200                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | 8.56 J         | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| Propionitrile                                        | NS                               | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| Styrene (Monomer)                                    | 120                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| Tetrachloroethene                                    | 4.1                              | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| Tetrahydrofuran                                      | 340                              | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | 3.24 J     | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| Toluene                                              | 110                              | 1000             | 1000                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| Total Xylenes                                        | 19                               | 10000            | 10000                       |                  | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U     | 21.4           | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <20.0 U    | <20.0 U    | <2.00 U    |          |          |
| trans-1,2-Dichloroethene                             | 6.8                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U     | <10.0 U        | 54.3       | <1.00 U    | <1.00 U    | <1.00 U    | <10.0 U    | <10.0 U    | <1.00 U    |          |          |
| trans-1,3-Dichloropropene                            | NS                               | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| trans-1,4-Dichloro-2-butene                          | 0.0013                           | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U     | <100 U         | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    | <100 U     | <100 U     | <10.0 U    |          |          |
| Trichloroethene                                      | 0.28                             | 5                | 5                           |                  | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U     | <50.0 U        | 2.15 J     | <5.00 U    | <5.00 U    | <5.00 U    | <50.0 U    | <50.0 U    | <5.00 U    |          |          |
| Vinyl acetate                                        | 41                               | NS               | 412                         |                  | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U     | <200 U         | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    | <200 U     | <200 U     | <20.0 U    |          |          |
| Vinyl chloride                                       | 0.019                            | 2                | 2                           |                  | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U     | <20.0 U        | 20.0       | <2.00 U    | <2.00 U    | <2.00 U    | <20.0 U    | <20.0 U    | <2.00 U    |          |          |
| Semivolatile Organic Compounds; Method 8270D         |                                  |                  |                             |                  |            |            |            |            |            |            |             |                |            |            |            |            |            |            |            |          |          |
| 1,1-Biphenyl                                         | 0.083                            | NS               | 304                         |                  | 0.178 J    | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| 1,2,4,5-Tetrachlorobenzene                           | 0.017                            | NS               | 11                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| 1,2,4-Trichlorobenzene                               | 0.4                              | 70               | 70                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| 1,2-Dichlorobenzene                                  | 30                               | 600              | 600                         |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U*  | <0.567 U   | <0.574 U   | <0.569 U    | 0.659 *-       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | 0.596 *-   | 0.536 J*-  | <0.569 U*- |          |          |
| 1,3,5-Trinitrobenzene                                | 59                               | NS               | 1100                        |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U        | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.15 U    | <1.14 U    |          |          |
| 1,3-Dichlorobenzene                                  | NS                               | NS               | 5.48                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | 0.150 J        | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| 1,3-Dinitrobenzene                                   | 0.2                              | NS               | 3.65                        |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U*   | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U*-      | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U*   | <1.15 U*-  | <1.14 U*-  |          |          |
| 1,4-Dichlorobenzene                                  | 0.48                             | 75               | 75                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U*  | <0.567 U   | <0.574 U   | <0.569 U    | 0.935 *-       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | 0.654 *-   | 0.598 *-   | <0.569 U*- |          |          |
| 1,4-Dioxane                                          | 0.46                             | NS               | 6.09                        |                  | <0.571 U   | 0.257 J    | 1.00       | 4.88       | 288        | 0.152 J    | 0.439 J     | 1180           | 8.33       | <0.572 U   | 1.64       | <0.570 U   | 250 J      | 213 J      | 530        |          |          |
| 1,4-Naphthoquinone                                   | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| 1-Naphthylamine                                      | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U*  | <0.576 U*  | <0.572 U   | <0.567 U   | <0.574 U*  | <0.569 U*   | <0.576 U       | <0.573 U*  | <0.572 U*  | <0.573 U   | <0.570 U*  | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| 2,2-Oxybis(1-Chloropropane)                          | 71                               | NS               | NS                          |                  | <2.85 U    | <2.87 U    | <2.88 U    | <2.86 U*   | <2.84 U    | <2.87 U    | <2.84 U     | <2.88 U*       | <2.87 U    | <2.86 U    | <2.87 U    | <2.85 U    | <2.84 U*   | <2.87 U*   | <2.84 U*   |          |          |
| 2,3,4,6-Tetrachlorophenol                            | 24                               | NS               | 1100                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| 2,4,5-Trichlorophenol                                | 120                              | NS               | 3650                        |                  | <0.571 U   | <0.573     |            |            |            |            |             |                |            |            |            |            |            |            |            |          |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-01        | MW-02        | MW-03        | MW-04       | MW-05          | MW-06        | MW-07        | MW-08          | MW-09        | MW-10        | MW-11      | MW-12        | MW-13          | MW-13          | MW-14       |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|--------------|--------------|--------------|-------------|----------------|--------------|--------------|----------------|--------------|--------------|------------|--------------|----------------|----------------|-------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial     | Alluvial     | Alluvial     | Alluvial    | Alluvial       | Alluvial     | Alluvial     | Alluvial       | Alluvial     | Alluvial     | Alluvial   | Alluvial     | Alluvial       | Alluvial       | Alluvial    | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 17       | 7 - 17       | 5 - 15       | 5 - 15      | 5 - 15         | 8 - 18       | 10.4 - 20.4  | 6 - 16         | 7.2 - 17.2   | 6.7 - 14.7   | 6.7 - 14   | 4 - 9        | 6 - 16         | 6 - 16         | 11.5 - 22   |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/10/2025   | 11/10/2025   | 11/10/2025   | 11/12/2025  | 11/11/2025     | 11/11/2025   | 11/11/2025   | 11/12/2025     | 11/11/2025   | 11/10/2025   | 11/11/2025 | 11/11/2025   | 11/12/2025     | 11/12/2025     | 11/12/2025  |          |          |
|                                                          |                                  |                  |                             | Program:         | RUAO         | RUAO         | RUAO         | RUAO        | RUAO           | RUAO         | RUAO         | RUAO Poly Pale | RUAO         | RUAO         | RUAO       | RUAO         | RUAO           | RUAO           | RUAO        | RUAO     | RUAO     |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |              |              |              |             |                |              |              |                |              |              |            |              |                |                |             |          |          |
| 2,4-Dinitrotoluene                                       | 0.24                             | NS               | 73                          |                  | <1.14 U      | <1.15 U      | <1.15 U      | <1.14 U     | <1.13 U        | <1.15 U      | <1.14 U      | <1.15 U        | <1.15 U      | <1.14 U      | <1.15 U    | <1.14 U      | <1.14 U        | <1.15 U        | <1.14 U     |          |          |
| 2,6-Dichlorophenol                                       | NS                               | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2,6-Dinitrotoluene                                       | 0.049                            | NS               | 36.5                        |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2-Acetylaminofluorene                                    | 0.016                            | NS               | NS                          |                  | <2.85 U      | <2.87 U      | <2.88 U      | <2.86 U     | <2.84 U        | <2.87 U      | <2.84 U      | <2.88 U        | <2.87 U      | <2.86 U      | <2.87 U    | <2.85 U      | <2.84 U        | <2.87 U        | <2.84 U     |          |          |
| 2-Chloronaphthalene                                      | 75                               | NS               | 487                         |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2-Chlorophenol                                           | 9.1                              | NS               | 30.4                        |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U*-  | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U*-     | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U*-     | <0.573 U*-     | <0.569 U*-  |          |          |
| 2-Methyl-4,6-dinitrophenol                               | 0.15                             | NS               | NS                          |                  | <2.85 U      | <2.87 U      | <2.88 U      | <2.86 U     | <2.84 U        | <2.87 U      | <2.84 U      | <2.88 U        | <2.87 U      | <2.86 U      | <2.87 U    | <2.85 U      | <2.84 U        | <2.87 U        | <2.84 U     |          |          |
| 2-Methylnaphthalene                                      | 3.6                              | NS               | 122                         |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2-Methylphenol                                           | 93                               | NS               | 1830                        |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2-Naphthylamine                                          | 0.039                            | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2-Nitroaniline                                           | 19                               | NS               | 0.417                       |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2-Nitrophenol                                            | NS                               | NS               | 0.416                       |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 2-Picoline                                               | NS                               | NS               | NS                          |                  | <1.14 U*-*1  | <1.15 U*-*1  | <1.15 U*-*1  | <1.14 U*-*1 | <1.13 U        | <1.15 U*-*1  | <1.14 U*-*1  | <1.15 U*-*1    | <1.15 U*-*1  | <1.14 U*-*1  | <1.15 U    | <1.14 U*-*1  | <1.14 U*-*1    | <1.15 U*-*1    | <1.14 U*-*1 |          |          |
| 3,3-Dichlorobenzidine                                    | 0.13                             | NS               | 0.149                       |                  | <1.14 U      | <1.15 U      | <1.15 U      | <1.14 U     | <1.13 U        | <1.15 U      | <1.14 U      | <1.15 U        | <1.15 U      | <1.14 U      | <1.15 U    | <1.14 U      | <1.14 U        | <1.15 U        | <1.14 U     |          |          |
| 3,3-Dimethylbenzidine                                    | 0.0021                           | NS               | 0.00728                     |                  | <0.571 U*-*1 | <0.573 U*-*1 | <0.576 U*-*1 | <0.572 U    | <0.567 U       | <0.574 U*-*1 | <0.569 U*-*1 | <0.576 U       | <0.573 U*-*1 | <0.572 U*-*1 | <0.573 U   | <0.570 U*-*1 | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 3-Methylchloranthrene                                    | 0.0011                           | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U*-  | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U*-     | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U*-     | <0.573 U*-     | <0.569 U*-  |          |          |
| 3-Methylphenol, 4-Methylphenol                           | NS                               | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <b>0.942</b>   | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <b>0.288 J</b> | <b>0.333 J</b> | <0.569 U    |          |          |
| 3-Nitroaniline                                           | NS                               | NS               | NS                          |                  | <1.14 U      | <1.15 U      | <1.15 U      | <1.14 U     | <1.13 U        | <1.15 U      | <1.14 U      | <1.15 U        | <1.15 U      | <1.14 U      | <1.15 U    | <1.14 U      | <1.14 U        | <1.15 U        | <1.14 U     |          |          |
| 4-Aminobiphenyl                                          | 0.003                            | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 4-Bromophenyl phenyl ether                               | NS                               | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U*-  | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U*-     | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U*-     | <0.573 U*-     | <0.569 U*-  |          |          |
| 4-Chloro-3-Methylphenol                                  | 140                              | NS               | 73000                       |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 4-Chlorophenyl phenyl ether                              | NS                               | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U*-  | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U*-     | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U*-     | <0.573 U*-     | <0.569 U*-  |          |          |
| 4-Dimethylaminoazobenzene                                | 0.005                            | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| 4-Nitroaniline                                           | 3.8                              | NS               | NS                          |                  | <1.14 U      | <1.15 U      | <1.15 U      | <1.14 U     | <1.13 U        | <1.15 U      | <1.14 U      | <1.15 U        | <1.15 U      | <1.14 U      | <1.15 U    | <1.14 U      | <1.14 U        | <1.15 U        | <1.14 U     |          |          |
| 4-Nitroquinoline-N-Oxide                                 | NS                               | NS               | NS                          |                  | <1.14 U      | <1.15 U      | <1.15 U      | <1.14 U     | <1.13 U        | <1.15 U      | <1.14 U      | <1.15 U        | <1.15 U      | <1.14 U      | <1.15 U    | <1.14 U      | <1.14 U        | <1.15 U        | <1.14 U     |          |          |
| 5-Nitro-o-Toluidine                                      | 8.2                              | NS               | 2.03                        |                  | <1.14 U      | <1.15 U      | <1.15 U      | <1.14 U     | <1.13 U        | <1.15 U      | <1.14 U      | <1.15 U        | <1.15 U      | <1.14 U      | <1.15 U    | <1.14 U      | <1.14 U        | <1.15 U        | <1.14 U     |          |          |
| 7,12-Dimethylbenz(a)anthracene                           | 0.0001                           | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| Acenaphthene                                             | 53                               | NS               | 365                         |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <b>0.436 J</b> | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| Acenaphthylene                                           | NS                               | NS               | 2190                        |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| Acetophenone <sup>(1)</sup>                              | 190                              | NS               | NS                          |                  | <1.14 U      | <1.15 U      | <1.15 U      | <1.14 U*-   | <1.13 U        | <1.15 U      | <1.14 U      | <1.15 U*-      | <1.15 U      | <1.14 U      | <1.15 U    | <1.14 U      | <1.14 U*-      | <1.15 U*-      | <1.14 U*-   |          |          |
| Aniline                                                  | 13                               | NS               | 11.7                        |                  | <1.14 U      | <1.15 U*-    | <1.15 U*-    | <1.14 U*-   | <1.13 U        | <1.15 U*-    | <1.14 U*-    | <1.15 U*-      | <1.15 U*-    | <1.14 U*-    | <1.15 U    | <1.14 U*-    | <1.14 U*-      | <1.15 U*-      | <1.14 U*-   |          |          |
| Anthracene                                               | 180                              | NS               | 43.4                        |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     | <0.568 U       | <0.573 U       | <0.569 U    |          |          |
| Aramite                                                  | 1.3                              | NS               | NS                          |                  | <0.571 U*-   | <0.573 U*-   | <0.576 U*-   | <0.572 U*-  | <0.567 U*-     | <0.574 U*-   | <0.569 U*-   | <0.576 U*-     | <0.573 U*-   | <0.572 U*-   | <0.573 U*- | <0.570 U*-   | <0.568 U*-     | <0.573 U*-     | <0.569 U*-  |          |          |
| Aramite Peak 1                                           | NS                               | NS               | NS                          |                  | <0.571 U     | <0.573 U     | <0.576 U     | <0.572 U    | <0.567 U       | <0.574 U     | <0.569 U     | <0.576 U       | <0.573 U     | <0.572 U     | <0.573 U   | <0.570 U     |                |                |             |          |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-01      | MW-02      | MW-03      | MW-04      | MW-05      | MW-06      | MW-07       | MW-08          | MW-09      | MW-10      | MW-11      | MW-12      | MW-13      | MW-13      | MW-14      |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|-------------|----------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial    | Alluvial       | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 17     | 7 - 17     | 5 - 15     | 5 - 15     | 5 - 15     | 8 - 18     | 10.4 - 20.4 | 6 - 16         | 7.2 - 17.2 | 6.7 - 14.7 | 6.7 - 14   | 4 - 9      | 6 - 16     | 6 - 16     | 11.5 - 22  |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/10/2025 | 11/10/2025 | 11/10/2025 | 11/12/2025 | 11/11/2025 | 11/11/2025 | 11/11/2025  | 11/12/2025     | 11/11/2025 | 11/10/2025 | 11/11/2025 | 11/11/2025 | 11/12/2025 | 11/12/2025 | 11/12/2025 |          |          |
|                                                          |                                  |                  |                             | Program:         | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO        | RUAO Poly Pale | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO     | RUAO     |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |            |            |            |            |            |            |             |                |            |            |            |            |            |            |            |          |          |
| Butyl benzyl phthalate                                   | 16                               | NS               | 2690                        |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U*   | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U*       | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U*   | <1.15 U*   | <1.14 U*   |          |          |
| Chrysene                                                 | 25                               | NS               | 9.17                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Diallate                                                 | 0.54                             | NS               | NS                          |                  | <0.571 U*  | <0.573 U*  | <0.576 U*  | <0.572 U*  | <0.567 U   | <0.574 U*  | <0.569 U*   | <0.576 U*      | <0.573 U*  | <0.572 U*  | <0.573 U   | <0.570 U*  | <0.568 U*  | <0.573 U*  | <0.569 U*  |          |          |
| Diallate Peak 1                                          | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Diallate Peak 2                                          | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U*  | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U*      | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U*  | <0.573 U*  | <0.569 U*  |          |          |
| Dibenz(a,h)anthracene                                    | 0.025                            | NS               | 0.00917                     |                  | <0.114 U   | <0.115 U   | <0.115 U   | <0.114 U*  | <0.113 U   | <0.115 U   | <0.114 U    | <0.115 U*      | <0.115 U   | <0.114 U   | <0.115 U   | <0.114 U   | <0.114 U*  | <0.115 U*  | <0.114 U*  |          |          |
| Dibenzofuran                                             | 0.79                             | NS               | 24.3                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U*  | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U*      | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U*  | <0.573 U*  | <0.569 U*  |          |          |
| Diethyl phthalate                                        | 1500                             | NS               | 29200                       |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U     | 0.322 J        | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.15 U    | <1.14 U    |          |          |
| Dimethoate                                               | 4.4                              | NS               | NS                          |                  | <2.85 U**  | <2.87 U**  | <2.88 U**  | <2.86 U**  | <2.84 U**  | <2.87 U**  | <2.84 U**   | <2.88 U**      | <2.87 U**  | <2.86 U**  | <2.87 U**  | <2.85 U**  | <2.84 U**  | <2.87 U**  | <2.84 U**  |          |          |
| Dimethyl phthalate                                       | NS                               | NS               | 365000                      |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U        | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.15 U    | <1.14 U    |          |          |
| Dimethylphenethylamine                                   | NS                               | NS               | NS                          |                  | <5.71 U*   | <5.73 U*   | <5.76 U*   | <5.72 U*   | <5.67 U*   | <5.74 U*   | <5.69 U*    | <5.76 U*       | <5.73 U*   | <5.72 U*   | <5.73 U*   | <5.70 U*   | <5.68 U*   | <5.73 U*   | <5.69 U*   |          |          |
| Di-n-butyl phthalate                                     | 90                               | NS               | 3650                        |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U        | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.15 U    | <1.14 U    |          |          |
| Di-n-octyl phthalate                                     | 20                               | NS               | 20                          |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U        | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.15 U    | <1.14 U    |          |          |
| Dinoseb                                                  | 1.5                              | 7                | 7                           |                  | <2.85 U**  | <2.87 U**  | <2.88 U**  | <2.86 U    | <2.84 U    | <2.87 U*   | <2.84 U*    | <2.88 U        | <2.87 U*   | <2.86 U*   | <2.87 U    | <2.85 U*   | <2.84 U    | <2.87 U    | <2.84 U    |          |          |
| Diphenyl ether                                           | 0.083                            | NS               | NS                          |                  | 0.667      | <0.573 U   | <0.576 U   | 113        | 1.24       | 0.101 J    | 10.7        | 0.214 J        | 1.21       | <0.572 U   | <0.573 U   | 0.367 J    | 0.154 J    | 0.113 J    | 15.9       |          |          |
| Disulfoton                                               | 0.05                             | NS               | 1.46                        |                  | <2.85 U**  | <2.87 U**  | <2.88 U**  | <2.86 U**  | <2.84 U**  | <2.87 U**  | <2.84 U**   | <2.88 U**      | <2.87 U**  | <2.86 U**  | <2.87 U**  | <2.85 U**  | <2.84 U**  | <2.87 U**  | <2.84 U**  |          |          |
| Ethyl Methanesulfonate                                   | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Famphur                                                  | NS                               | NS               | NS                          |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U        | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.15 U    | <1.14 U    |          |          |
| Fluoranthene                                             | 80                               | NS               | 1460                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Fluorene                                                 | 29                               | NS               | 243                         |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U*  | 0.141 J    | <0.574 U   | <0.569 U    | <0.576 U*      | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U*  | <0.573 U*  | <0.569 U*  |          |          |
| Hexachloro-1,3-butadiene                                 | 0.14                             | NS               | 0.859                       |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Hexachlorobenzene                                        | 0.0098                           | 1                | 1                           |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U*  | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U*      | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U*  | <0.573 U*  | <0.569 U*  |          |          |
| Hexachlorocyclopentadiene                                | 0.041                            | 50               | 50                          |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U        | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.15 U    | <1.14 U    |          |          |
| Hexachloroethane                                         | 0.33                             | NS               | 4.78                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Hexachloropropene                                        | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Indeno(1,2,3-cd)pyrene                                   | 0.25                             | NS               | 0.0917                      |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Isophorone                                               | 78                               | NS               | 70.5                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | 0.191 J        | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Isosafrole                                               | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Isosafrole Peak 1                                        | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Isosafrole Peak 2                                        | NS                               | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Methapyrilene                                            | NS                               | NS               | NS                          |                  | <2.28 U**  | <2.29 U**  | <2.30 U**  | <2.29 U**  | <2.27 U    | <2.30 U**  | <2.28 U**   | <2.30 U**      | <2.29 U**  | <2.29 U**  | <2.29 U    | <2.28 U**  | <2.27 U**  | <2.29 U**  | <2.28 U**  |          |          |
| Methyl methanesulfonate                                  | 0.79                             | NS               | NS                          |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Methyl parathion                                         | 0.45                             | NS               | 9.13                        |                  | <2.85 U**  | <2.87 U**  | <2.88 U**  | <2.86 U**  | <2.84 U**  | <2.87 U**  | <2.84 U**   | <2.88 U**      | <2.87 U**  | <2.86 U**  | <2.87 U**  | <2.85 U**  | <2.84 U**  | <2.87 U**  | <2.84 U**  |          |          |
| Naphthalene                                              | 0.12                             | NS               | 6.2                         |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | 0.164 J        | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| Nitrobenzene                                             | 0.14                             | NS               | 3.53                        |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U*  | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U*      | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U*  | <0.573 U*  | <0.569 U*  |          |          |
| N-Nitrosodiethylamine                                    | 0.00017                          | NS               | 0.000446                    |                  | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U*   | <1.13 U    | <1.15 U    | <1.14 U     | <1.15 U*       | <1.15 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U*   | <1.15 U*   | <1.14 U*   |          |          |
| N-Nitrosodimethylamine                                   | 0.00011                          | NS               | 0.00131                     |                  | <0.571 U   | <0.573 U   | <0.576 U   | <0.572 U   | <0.567 U   | <0.574 U   | <0.569 U    | <0.576 U       | <0.573 U   | <0.572 U   | <0.573 U   | <0.570 U   | <0.568 U   | <0.573 U   | <0.569 U   |          |          |
| N-Nitrosodi-n-butylamine                                 | 0.0027                           | NS</             |                             |                  |            |            |            |            |            |            |             |                |            |            |            |            |            |            |            |          |          |

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Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-01       | MW-02       | MW-03       | MW-04       | MW-05      | MW-06       | MW-07       | MW-08          | MW-09       | MW-10       | MW-11      | MW-12       | MW-13       | MW-13       | MW-14       |            |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|----------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial    | Alluvial    | Alluvial    | Alluvial    | Alluvial   | Alluvial    | Alluvial    | Alluvial       | Alluvial    | Alluvial    | Alluvial   | Alluvial    | Alluvial    | Alluvial    | Alluvial    | Alluvial   | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 17      | 7 - 17      | 5 - 15      | 5 - 15      | 5 - 15     | 8 - 18      | 10.4 - 20.4 | 6 - 16         | 7.2 - 17.2  | 6.7 - 14.7  | 6.7 - 14   | 4 - 9       | 6 - 16      | 6 - 16      | 11.5 - 22   |            |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/10/2025  | 11/10/2025  | 11/10/2025  | 11/12/2025  | 11/11/2025 | 11/11/2025  | 11/11/2025  | 11/12/2025     | 11/11/2025  | 11/10/2025  | 11/11/2025 | 11/11/2025  | 11/12/2025  | 11/12/2025  | 11/12/2025  | 11/12/2025 |          |
|                                                          |                                  |                  |                             | Program:         | RUAO        | RUAO        | RUAO        | RUAO        | RUAO       | RUAO        | RUAO        | RUAO Poly Pale | RUAO        | RUAO        | RUAO       | RUAO        | RUAO        | RUAO        | RUAO        | RUAO       | RUAO     |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |             |             |             |             |            |             |             |                |             |             |            |             |             |             |             |            |          |
| N-Nitrosopyrrolidine                                     | 0.037                            | NS               | 0.0319                      |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U    | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U       | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U    | <0.573 U    | <0.569 U    |            |          |
| o,o,o-Triethyl phosphorothioate                          | NS                               | NS               | NS                          |                  | <0.571 U    | <0.573 U    | <0.576 U    | 64.8        | 6.81       | <0.574 U    | 0.221 J     | 6630           | 1.37        | <0.572 U    | <0.573 U   | <0.570 U    | 511         | 229 J       | 390         |            |          |
| o,o-Diethyl o-pyrazinyl phosphorothioate                 | NS                               | NS               | NS                          |                  | <1.14 U*+   | <1.15 U*+   | <1.15 U*+   | <1.14 U     | <1.13 U    | <1.15 U*+   | <1.14 U*+   | <1.15 U        | <1.15 U*+   | <1.14 U*+   | <1.15 U    | <1.14 U*+   | <1.14 U     | <1.15 U     | <1.14 U     |            |          |
| o-Toluidine                                              | 4.7                              | NS               | 0.279                       |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U    | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U       | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U    | <0.573 U    | <0.569 U    |            |          |
| Parathion                                                | 8.6                              | NS               | 219                         |                  | <1.14 U*+   | <1.15 U*+   | <1.15 U*+   | <1.14 U*+   | <1.13 U*+  | <1.15 U*+   | <1.14 U*+   | <1.15 U*+      | <1.15 U*+   | <1.14 U*+   | <1.15 U*+  | <1.14 U*+   | <1.14 U*+   | <1.15 U*+   | <1.14 U*+   |            |          |
| p-Chloroaniline                                          | 0.37                             | NS               | 146                         |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U    | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U       | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U    | <0.573 U    | <0.569 U    |            |          |
| Pentachlorobenzene                                       | 0.32                             | NS               | 29.2                        |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U*   | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U*      | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U*   | <0.573 U*   | <0.569 U*   |            |          |
| Pentachloronitrobenzene                                  | 0.12                             | NS               | 0.258                       |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U    | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U       | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U    | <0.573 U    | <0.569 U    |            |          |
| Pentachlorophenol                                        | 0.041                            | 1                | 1                           |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U    | <0.567 U   | <0.574 U    | <0.569 U    | 3.42           | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U    | <0.573 U    | 0.327 J     |            |          |
| Phenacetin                                               | 34                               | NS               | NS                          |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U    | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U       | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U    | <0.573 U    | <0.569 U    |            |          |
| Phenanthrene                                             | NS                               | NS               | 1100                        |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U*   | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U*      | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U*   | <0.573 U*   | <0.569 U*   |            |          |
| Phenol                                                   | 580                              | NS               | 21900                       |                  | <1.14 U     | <1.15 U     | <1.15 U     | <1.14 U     | <1.13 U    | <1.15 U     | <1.14 U     | <1.15 U        | <1.15 U     | <1.14 U     | <1.15 U    | <1.14 U     | <1.14 U     | <1.15 U     | <1.14 U     |            |          |
| Phorate                                                  | 0.3                              | NS               | NS                          |                  | <5.71 U*+   | <5.73 U*+   | <5.76 U*+   | <5.72 U*+   | <5.67 U*+  | <5.74 U*+   | <5.69 U*+   | <5.76 U*+      | <5.73 U*+   | <5.72 U*+   | <5.73 U*+  | <5.70 U*+   | <5.68 U*+   | <5.73 U*+   | <5.69 U*+   |            |          |
| p-Phenylenediamine                                       | 2                                | NS               | 6940                        |                  | <5.71 U*-   | <5.73 U*-   | <5.76 U*-   | <5.72 U*.*1 | <5.67 U    | <5.74 U*-   | <5.69 U*-   | <5.76 U*.*1    | <5.73 U*-   | <5.72 U*-   | <5.73 U    | <5.70 U*-   | <5.68 U*.*1 | <5.73 U*.*1 | <5.69 U*.*1 |            |          |
| Propyzamide                                              | 120                              | NS               | NS                          |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U*-  | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U*-     | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U*   | <0.573 U*-  | <0.569 U*-  |            |          |
| Pyrene                                                   | 12                               | NS               | 183                         |                  | <0.571 U    | <0.573 U    | <0.576 U    | <0.572 U    | <0.567 U   | <0.574 U    | <0.569 U    | <0.576 U       | <0.573 U    | <0.572 U    | <0.573 U   | <0.570 U    | <0.568 U    | <0.573 U    | <0.569 U    |            |          |
| Pyridine                                                 | 2                                | NS               | 36.5                        |                  | <2.85 U*.*1 | <2.87 U*.*1 | <2.88 U*.*1 | <2.86 U*-   | <2.84 U    | <2.87 U*.*1 | <2.84 U*.*1 | <2.88 U*-      | <2.87 U*.*1 | <2.86 U*.*1 | <2.87 U    | <2.85 U*.*1 | <2.84 U*-   | <2.87 U*-   | <2.84 U*-   |            |          |
| Safrole                                                  | 0.096                            | NS               | NS                          |                  | <0.571 U*-  | <0.573 U*-  | <0.576 U*-  | <0.572 U*-  | <0.567 U*- | <0.574 U*-  | <0.569 U*-  | <0.576 U*-     | <0.573 U*-  | <0.572 U*-  | <0.573 U*- | <0.570 U*-  | <0.568 U*-  | <0.573 U*-  | <0.569 U*-  |            |          |
| Sulfotep                                                 | 0.71                             | NS               | NS                          |                  | <1.14 U*+   | <1.15 U*+   | <1.15 U*+   | <1.14 U*+   | <1.13 U*+  | <1.15 U*+   | <1.14 U*+   | <1.15 U*+      | <1.15 U*+   | <1.14 U*+   | <1.15 U*+  | <1.14 U*+   | <1.14 U*+   | <1.15 U*+   | <1.14 U*+   |            |          |
| Delnav; Method 8321A                                     |                                  |                  |                             |                  |             |             |             |             |            |             |             |                |             |             |            |             |             |             |             |            |          |
| Total Dioxathion                                         | NS                               | NS               | 54.80                       |                  | --          | --          | --          | <1.00 U     | --         | --          | --          | <1.00 U        | --          | --          | --         | --          | <1.00 U     | <1.00 U     | <1.00 U     |            |          |

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Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-15      | MW-16      | MW-17      | MW-18      | MW-19       | MW-20      | MW-21      | MW-22      | MW-23      | MW-24      | MW-25     | MW-26S    | MW-26D    | MW-27S    | MW-27D        |          |          |
|------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|---------------|----------|----------|
|                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial    | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial      | Alluvial | Alluvial |
|                                          |                                  |                  |                             | Screen (ft bgs): | 14 - 24    | 16 - 26    | 10 - 20    | 4 - 14     | 7.75 - 17.5 | 4 - 14     | 6 - 16     | 5 - 15     | 5 - 14     | 4 - 13     | 2 - 12    | 3 - 13    | 17 - 22   | 5 - 15    | 16 - 21       |          |          |
|                                          |                                  |                  |                             | Sample Date:     | 11/12/2025 | 11/12/2025 | 11/12/2025 | 11/10/2025 | 11/10/2025  | 11/10/2025 | 11/12/2025 | 11/10/2025 | 11/12/2025 | 11/10/2025 | 11/6/2025 | 11/7/2025 | 11/7/2025 | 11/6/2025 | 11/6/2025     |          |          |
|                                          |                                  |                  |                             | Program:         | RUAO       | RUAO       | RUAO       | RUAO       | RUAO        | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO      | RUAO      | RUAO      | Area #1   | #N/A          | Area #1  | Area #1  |
| Volatile Organic Compounds; Method 8260B |                                  |                  |                             |                  |            |            |            |            |             |            |            |            |            |            |           |           |           |           |               |          |          |
| 1,1,1,2-Tetrachloroethane                | 0.57                             | NS               | 0.406                       |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <500 U    | <1000 U   | <1.00 U   | <1.00 U       |          |          |
| 1,1,1-Trichloroethane                    | 800                              | 200              | 200                         |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <2500 U   | <5000 U   | <5.00 U   | <5.00 U       |          |          |
| 1,1,2,2-Tetrachloroethane                | 0.076                            | NS               | 0.0527                      |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,1,2-trichloro-1,2,2-trifluoroethane    | 1000                             | NS               | 59400                       |                  | <10.0 U    | <10.0 U    | <5000 U    | <10.0 U    | <10.0 U     | <10.0 U    | <250 U     | <10.0 U    | <500 U     | <10.0 U    | <10.0 U   | <10.0 U   | <5000 U   | <10000 U  | <10.0 U       |          |          |
| 1,1,2-Trichloroethane                    | 0.041                            | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,1-Dichloroethane                       | 2.8                              | NS               | 798                         |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,1-Dichloroethene                       | 0.82                             | 7                | 7                           |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,2,3-Trichloropropane                   | 0.00075                          | NS               | 0.00623                     |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,2,4-Trimethylbenzene                   | 5.6                              | NS               | 12.3                        |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,2-Dibromo-3-chloropropane              | 0.00033                          | 0.2              | 0.2                         |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| 1,2-Dibromoethane                        | 0.0075                           | 0.05             | 0.05                        |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| 1,2-Dichloroethane                       | 0.17                             | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,2-Dichloropropane                      | 0.82                             | 5                | 5                           |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| 1,3,5-Trimethylbenzene                   | 6                                | NS               | 12.3                        |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 1,3-Butadiene                            | 0.071                            | NS               | 0.00696                     |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| 2,2,4-Trimethylpentane                   | NS                               | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| 2-Butanone (MEK)                         | 560                              | NS               | 1910                        |                  | <50.0 U    | <50.0 U    | <25000 U   | <50.0 U    | <50.0 U     | <50.0 U    | <1250 U    | <50.0 U    | <2500 U    | <50.0 U    | <50.0 U   | <50.0 U*  | <25000 U* | <50000 U* | <50.0 U*      |          |          |
| 2-Chlor-1,3-Butadiene                    | 0.0068                           | NS               | 14.3                        |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| 2-Methyl-1-propanol                      | 73                               | NS               | 1830                        |                  | <50.0 U    | <50.0 U    | <25000 U   | <50.0 U    | <50.0 U     | <50.0 U    | <1250 U    | <50.0 U    | <2500 U    | <50.0 U    | <50.0 U   | <50.0 U   | <25000 U  | <50000 U  | <50.0 U       |          |          |
| 4-Methyl-2-Pentanone                     | 630                              | NS               | NS                          |                  | <50.0 U    | <50.0 U    | <25000 U   | <50.0 U    | <50.0 U     | <50.0 U    | <1250 U    | <50.0 U    | <2500 U    | <50.0 U    | <50.0 U   | <50.0 U   | <25000 U  | <50000 U  | <50.0 U       |          |          |
| Acetone                                  | 1800                             | NS               | 608                         |                  | 9.57 J     | <100 U     | <50000 U   | <100 U     | <100 U      | <100 U     | <2500 U    | <100 U     | <5000 U    | <100 U     | <100 U    | <100 U    | <50000 U  | <100000 U | <100 U        |          |          |
| Acetonitrile                             | 13                               | NS               | 125                         |                  | <100 U     | <100 U     | <50000 U   | <100 U     | <100 U      | <100 U     | <2500 U    | <100 U     | <5000 U    | <100 U     | <100 U    | <100 U    | <50000 U  | <100000 U | <100 U        |          |          |
| Acrolein                                 | 0.0042                           | NS               | 0.0416                      |                  | <50.0 U    | <50.0 U    | <25000 U   | <50.0 U    | <50.0 U     | <50.0 U    | <1250 U    | <50.0 U    | <2500 U    | <50.0 U    | <50.0 U   | <50.0 U   | <25000 U  | <50000 U  | <50.0 U       |          |          |
| Acrylonitrile                            | 0.052                            | NS               | 0.0367                      |                  | <50.0 U    | <50.0 U    | <25000 U   | <50.0 U    | <50.0 U     | <50.0 U    | <1250 U    | <50.0 U    | <2500 U    | <50.0 U    | <50.0 U   | <50.0 U   | <25000 U  | <50000 U  | <50.0 U       |          |          |
| Allyl chloride                           | 0.21                             | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| Benzene                                  | 0.46                             | 5                | 5                           |                  | <1.00 U    | <1.00 U    | 1440       | 1.48       | <1.00 U     | <1.00 U    | 5590       | <1.00 U    | 5090       | <1.00 U    | <1.00 U   | <1.00 U   | 769       | 886 J     | <1.00 U       |          |          |
| Benzyl Chloride                          | 0.089                            | NS               | 0.0621                      |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 UF1*+*1 |          |          |
| Bromodichloromethane                     | 0.13                             | 80               | 0.168                       |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| Bromoform                                | 3.3                              | 80               | 8.48                        |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| Bromomethane                             | 0.75                             | NS               | 8.52                        |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| Carbon Disulfide                         | 81                               | NS               | 1040                        |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| Carbon Tetrachloride                     | 0.46                             | 5                | 5                           |                  | <2.00 U    | <2.00 U    | 33200      | <2.00 U    | <2.00 U     | <2.00 U    | <50.0 U    | <2.00 U    | <100 U     | <2.00 U    | <2.00 U   | <2.00 U   | 103000    | 114000    | <2.00 U       |          |          |
| CFC-11                                   | 520                              | NS               | 1290                        |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| CFC-12                                   | 20                               | NS               | 348                         |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U   | <1.00 U       |          |          |
| Chlorobenzene                            | 7.8                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | 561        | <1.00 UF1  | <1.00 U     | <1.00 U    | 186        | <1.00 U    | 156        | <1.00 U    | <1.00 U   | <1.00 U   | 337 J     | <1000 U   | <1.00 U       |          |          |
| Chlorodibromomethane                     | 0.87                             | 80               | 0.126                       |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U    | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U   | <5.00 U       |          |          |
| Chloroethane                             | 830                              | NS               | 3.64                        |                  | <10.0 U    | <10.0 U    | <5000 U    | <10.0 U    | <10.0 U     | <10.0 U    | <250 U     | <10.0 U    | <500 U     | <10.0 U    | <10.0 U   | <10.0 U   | <5000 U   | <10000 U  | <10.0 U       |          |          |
| Chloroform                               | 0.22                             | 80               | 0.155                       |                  | <1.00 U    | <1.00 U    | 1640       | <1.00 U    | <1.00 U     | <1.00 U    | <25.0 U    | 0.722 J    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | 642       |           |               |          |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                              | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-15      | MW-16      | MW-17      | MW-18        | MW-19       | MW-20      | MW-21      | MW-22      | MW-23      | MW-24      | MW-25     | MW-26S    | MW-26D    | MW-27S     | MW-27D    |           |          |
|------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|--------------|-------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|------------|-----------|-----------|----------|
|                                                      |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial     | Alluvial    | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial  | Alluvial  | Alluvial  | Alluvial   | Alluvial  | Alluvial  | Alluvial |
|                                                      |                                  |                  |                             | Screen (ft bgs): | 14 - 24    | 16 - 26    | 10 - 20    | 4 - 14       | 7.75 - 17.5 | 4 - 14     | 6 - 16     | 5 - 15     | 5 - 14     | 4 - 13     | 2 - 12    | 3 - 13    | 17 - 22   | 5 - 15     | 16 - 21   |           |          |
|                                                      |                                  |                  |                             | Sample Date:     | 11/12/2025 | 11/12/2025 | 11/12/2025 | 11/10/2025   | 11/10/2025  | 11/10/2025 | 11/12/2025 | 11/10/2025 | 11/12/2025 | 11/10/2025 | 11/6/2025 | 11/7/2025 | 11/7/2025 | 11/6/2025  | 11/6/2025 |           |          |
|                                                      |                                  |                  |                             | Program:         | RUAO       | RUAO       | RUAO       | RUAO         | RUAO        | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO      | RUAO      | Area #1   | #N/A       | Area #1   | Area #1   | Area #1  |
| Volatile Organic Compounds; Method 8260B (continued) |                                  |                  |                             |                  |            |            |            |              |             |            |            |            |            |            |           |           |           |            |           |           |          |
| Ethyl Methacrylate                                   | 63                               | NS               | 548                         |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U*+F1  | <5.00 U*+   | <5.00 U*+  | <125 U     | <5.00 U*+  | <250 U     | <5.00 U*+  | <5.00 U*+ | <2500 U*+ | <5000 U*+ | <5.00 U*+  | <5.00 U*+ |           |          |
| Ethylbenzene                                         | 1.5                              | 700              | 700                         |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U      | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <500 U    | <1000 U   | <1.00 U    | <1.00 U   |           |          |
| Hexane                                               | 150                              | NS               | 350                         |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U      | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <2500 U   | <5000 U   | <5.00 U    | <5.00 U   |           |          |
| Iodomethane                                          | NS                               | NS               | NS                          |                  | <20.0 U    | <20.0 U    | <10000 U   | <20.0 UF2F1  | <20.0 U     | <20.0 U    | <500 U     | <20.0 U    | <1000 U    | <20.0 U    | <20.0 U   | <20.0 U   | <10000 U  | <20000 U   | <20.0 U   | <20.0 U   |          |
| Isopropyl alcohol                                    | 41                               | NS               | NS                          |                  | <10.0 U    | 17.3       | <5000 U    | <10.0 U      | <10.0 U     | <10.0 U    | <10.0 U    | 464        | <10.0 U    | 380 J      | <10.0 U   | <10.0 U   | <5000 U   | <10000 U   | <10.0 U   | <10.0 U   |          |
| Isopropylbenzene                                     | 45                               | NS               | 679                         |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U      | <1.00 U     | <1.00 U    | <1.00 U    | 79.5       | <1.00 U    | <50.0 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U    | <1.00 U   | <1.00 U   |          |
| m,p-Xylenes                                          | NS                               | NS               | NS                          |                  | <2.00 U    | <2.00 U    | <1000 U    | <2.00 U      | <2.00 U     | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    | <100 U     | <2.00 U   | <2.00 U   | <1000 U   | <2000 U    | <2.00 U   | <2.00 U   |          |
| Methyl methacrylate                                  | 140                              | NS               | 1420                        |                  | <10.0 U    | <10.0 U    | <5000 U    | <10.0 U      | <10.0 U     | <10.0 U    | <250 U     | <10.0 U    | <500 U     | <10.0 U    | <10.0 U   | <10.0 U   | <5000 U   | <10000 U   | <10.0 U   | <10.0 U   |          |
| Methyl N-Butyl Ketone (2-Hexanone)                   | 3.8                              | NS               | 1460                        |                  | <50.0 U    | <50.0 U    | <25000 U   | <50.0 U      | <50.0 U     | <50.0 U    | <1250 U    | <50.0 U    | <2500 U    | <50.0 U    | <50.0 U   | <25000 U  | <50000 U  | <50.0 U    | <50.0 U   |           |          |
| Methylacrylonitrile                                  | 0.19                             | NS               | 1.04                        |                  | <10.0 U    | <10.0 U    | <5000 U    | <10.0 U      | <10.0 U     | <10.0 U    | <250 U     | <10.0 U    | <500 U     | <10.0 U    | <10.0 U   | <10.0 U*+ | <5000 U*+ | <10000 U*+ | <10.0 U*+ | <10.0 U*+ |          |
| Methyl-tert-butylether                               | 14                               | NS               | 40                          |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U      | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U    | <5.00 U   | <5.00 U   |          |
| n-Propylbenzene                                      | 66                               | NS               | 243                         |                  | <1.00 U    | <1.00 U    | <500 U     | 1.29         | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U    | <1.00 U   | <1.00 U   |          |
| o-Xylene                                             | 19                               | NS               | 12200                       |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U      | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U    | <1.00 U   | <1.00 U   |          |
| Propionitrile                                        | NS                               | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <5000 U    | <10.0 U      | <10.0 U     | <10.0 U    | <250 U     | <10.0 U    | <500 U     | <10.0 U    | <10.0 U   | <10.0 U*+ | <5000 U*+ | <10000 U*+ | <10.0 U*+ | <10.0 U*+ |          |
| Styrene (Monomer)                                    | 120                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U      | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U    | <1.00 U   | <1.00 U   |          |
| Tetrachloroethene                                    | 4.1                              | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U      | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U    | <1.00 U   | <1.00 U   |          |
| Tetrahydrofuran                                      | 340                              | NS               | NS                          |                  | <10.0 U    | 5.92 J     | <5000 U    | <10.0 U      | <10.0 U     | <10.0 U    | 77.2 J     | <10.0 U    | <500 U     | <10.0 U    | <10.0 U   | <10.0 U*+ | <5000 U*+ | <10000 U*+ | <10.0 U*+ | <10.0 U*+ |          |
| Toluene                                              | 110                              | 1000             | 1000                        |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U      | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U    | <1.00 U   | <1.00 U   |          |
| Total Xylenes                                        | 19                               | 10000            | 10000                       |                  | <2.00 U    | <2.00 U    | <1000 U    | <2.00 U      | <2.00 U     | <2.00 U    | <50.0 U    | <2.00 U    | <100 U     | <2.00 U    | <2.00 U   | <2.00 U   | <1000 U   | <2000 U    | <2.00 U   | <2.00 U   |          |
| trans-1,2-Dichloroethene                             | 6.8                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <500 U     | <1.00 U      | <1.00 U     | <1.00 U    | <25.0 U    | <1.00 U    | <50.0 U    | <1.00 U    | <1.00 U   | <1.00 U   | <500 U    | <1000 U    | <1.00 U   | <1.00 U   |          |
| trans-1,3-Dichloropropene                            | NS                               | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U      | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U    | <5.00 U   | <5.00 U   |          |
| trans-1,4-Dichloro-2-butene                          | 0.0013                           | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <5000 U    | <10.0 U      | <10.0 U     | <10.0 U    | <250 U     | <10.0 U    | <500 U     | <10.0 U    | <10.0 U   | <10.0 U   | <5000 U   | <10000 U   | <10.0 U   | <10.0 U   |          |
| Trichloroethene                                      | 0.28                             | 5                | 5                           |                  | <5.00 U    | <5.00 U    | <2500 U    | <5.00 U      | <5.00 U     | <5.00 U    | <125 U     | <5.00 U    | <250 U     | <5.00 U    | <5.00 U   | <5.00 U   | <2500 U   | <5000 U    | <5.00 U   | <5.00 U   |          |
| Vinyl acetate                                        | 41                               | NS               | 412                         |                  | <20.0 U    | <20.0 U    | <10000 U   | <20.0 U      | <20.0 U     | <20.0 U    | <500 U     | <20.0 U    | <1000 U    | <20.0 U    | <20.0 U   | <20.0 U   | <10000 U  | <20000 U   | <20.0 U*1 | <20.0 U   |          |
| Vinyl chloride                                       | 0.019                            | 2                | 2                           |                  | <2.00 U    | <2.00 U    | <1000 U    | <2.00 U      | <2.00 U     | <2.00 U    | <50.0 U    | <2.00 U    | <100 U     | <2.00 U    | <2.00 U   | <2.00 U   | <1000 U   | <2000 U    | <2.00 U   | <2.00 U   |          |
| Semivolatile Organic Compounds; Method 8270D         |                                  |                  |                             |                  |            |            |            |              |             |            |            |            |            |            |           |           |           |            |           |           |          |
| 1,1-Biphenyl                                         | 0.083                            | NS               | 304                         |                  | <0.570 U   | <0.565 U   | 1.80       | <0.562 U     | 917         | 34.9       | 507        | 2550       | 219        | 3.12       | <0.575 U  | 1860      | 2400      | <0.571 U   | <0.568 U  |           |          |
| 1,2,4,5-Tetrachlorobenzene                           | 0.017                            | NS               | 11                          |                  | <0.570 U   | <0.565 U   | 0.120 J    | <0.562 U     | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U  | <0.573 U  | <0.572 U  | <0.571 U   | <0.568 U  |           |          |
| 1,2,4-Trichlorobenzene                               | 0.4                              | 70               | 70                          |                  | <0.570 U   | <0.565 U   | 0.765      | <0.562 U     | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U  | <0.573 U  | <0.572 U  | <0.571 U   | <0.568 U  |           |          |
| 1,2-Dichlorobenzene                                  | 30                               | 600              | 600                         |                  | <0.570 U*- | <0.565 U*- | 10.1       | 0.249 J      | 0.257 J     | <0.571 U   | 2.36       | 0.131 J    | 2.18       | <0.568 U   | <0.575 U  | 2.77      | 3.47      | <0.571 U   | <0.568 U  |           |          |
| 1,3,5-Trinitrobenzene                                | 59                               | NS               | 1100                        |                  | <1.14 U    | <1.13 U    | <1.14 U    | <1.12 U      | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U   | <1.15 U   | <1.14 U   | <1.14 U    | <1.14 U   |           |          |
| 1,3-Dichlorobenzene                                  | NS                               | NS               | 5.48                        |                  | <0.570 U   | <0.565 U   | 1.46       | <0.562 U     | <0.569 U    | <0.571 U   | 0.219 J    | <0.567 U   | 0.176 J    | <0.568 U   | <0.575 U  | 0.247 J   | 0.312 J   | <0.571 U   | <0.568 U  |           |          |
| 1,3-Dinitrobenzene                                   | 0.2                              | NS               | 3.65                        |                  | <1.14 U*-  | <1.13 U*-  | <1.14 U    | <1.12 UF1    | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U   | <1.15 U   | <1.14 U   | <1.14 U    | <1.14 U   |           |          |
| 1,4-Dichlorobenzene                                  | 0.48                             | 75               | 75                          |                  | <0.570 U*- | <0.565 U*- | 15.6       | 0.394 J      | <0.569 U    | <0.571 U   | 2.98       | <0.567 U   | 2.47       | <0.568 U   | <0.575 U  | 4.00      | 5.04      | <0.571 U   | <0.568 U  |           |          |
| 1,4-Dioxane                                          | 0.46                             | NS               | 6.09                        |                  | 1550       | 687        | 37.6       | 4.11         | 0.911       | 6.65       | 141        | 2.71       | 140        | 0.675      | 1.61      | 1.74      | 2.20      | <0.571 U   | <0.568 U  |           |          |
| 1,4-Naphthoquinone                                   | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U     | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U  | <0.573 U  | <0.572 U  | <0.571 U   | <0.568 U  |           |          |
| 1-Naphthylamine                                      | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 UF2*- | <0.569 U    | <0.571 U*- | <0.570 U   | <0.567 U*- | <0.577 U   | <0.568 U*- | <0.575 U  | <0.573 U  | <0.572 U  | <0.571 U   | <0.568 U  |           |          |
| 2,2-Oxybis(1-Chloropropane)                          | 71                               | NS               | NS                          |                  | <2.85 U*-  | <2.82 U*-  | <2.86 U    | <2.81 U      | <2.84 U     | <2.85 U    | <2.85 U    | <2.84 U    | <2.89 U    | <2.84 U    | <2.87 U   | <2.87 U   | <2.86 U   | <2.86 U    | <2.84 U   |           |          |
| 2,3,4                                                |                                  |                  |                             |                  |            |            |            |              |             |            |            |            |            |            |           |           |           |            |           |           |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-15       | MW-16          | MW-17           | MW-18          | MW-19        | MW-20        | MW-21          | MW-22          | MW-23           | MW-24        | MW-25      | MW-26S         | MW-26D         | MW-27S     | MW-27D     |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-------------|----------------|-----------------|----------------|--------------|--------------|----------------|----------------|-----------------|--------------|------------|----------------|----------------|------------|------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial    | Alluvial       | Alluvial        | Alluvial       | Alluvial     | Alluvial     | Alluvial       | Alluvial       | Alluvial        | Alluvial     | Alluvial   | Alluvial       | Alluvial       | Alluvial   | Alluvial   | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 14 - 24     | 16 - 26        | 10 - 20         | 4 - 14         | 7.75 - 17.5  | 4 - 14       | 6 - 16         | 5 - 15         | 5 - 14          | 4 - 13       | 2 - 12     | 3 - 13         | 17 - 22        | 5 - 15     | 16 - 21    |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/12/2025  | 11/12/2025     | 11/12/2025      | 11/10/2025     | 11/10/2025   | 11/10/2025   | 11/12/2025     | 11/10/2025     | 11/12/2025      | 11/10/2025   | 11/6/2025  | 11/7/2025      | 11/7/2025      | 11/6/2025  | 11/6/2025  |          |          |
|                                                          |                                  |                  |                             | Program:         | RUAO        | RUAO           | RUAO            | RUAO           | RUAO         | RUAO         | RUAO           | RUAO           | RUAO            | RUAO         | Area #1    | #N/A           | Area #1        | Area #1    | Area #1    |          |          |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |             |                |                 |                |              |              |                |                |                 |              |            |                |                |            |            |          |          |
| 2,4-Dinitrotoluene                                       | 0.24                             | NS               | 73                          |                  | <1.14 U     | <1.13 U        | <1.14 U         | <1.12 UF1      | <1.14 U      | <1.14 U      | <1.14 U        | <1.13 U        | <1.15 U         | <1.14 U      | <1.15 U    | <1.15 U        | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| 2,6-Dichlorophenol                                       | NS                               | NS               | NS                          |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <b>0.220 J</b> | <0.567 U       | <b>0.186 J</b>  | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 2,6-Dinitrotoluene                                       | 0.049                            | NS               | 36.5                        |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 2-Acetylaminofluorene                                    | 0.016                            | NS               | NS                          |                  | <2.85 U     | <2.82 U        | <2.86 U         | <2.81 UF1      | <2.84 U      | <2.85 U      | <2.85 U        | <2.84 U        | <2.89 U         | <2.84 U      | <2.87 U    | <2.87 U        | <2.86 U        | <2.86 U    | <2.84 U    |          |          |
| 2-Chloronaphthalene                                      | 75                               | NS               | 487                         |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 2-Chlorophenol                                           | 9.1                              | NS               | 30.4                        |                  | <0.570 U*-  | <0.565 U*-     | <b>1.04</b>     | <0.562 U       | <0.569 U     | <0.571 U     | <b>0.739</b>   | <b>0.123 J</b> | <b>0.887</b>    | <0.568 U     | <0.575 U   | <b>0.212 J</b> | <b>0.149 J</b> | <0.571 U   | <0.568 U   |          |          |
| 2-Methyl-4,6-dinitrophenol                               | 0.15                             | NS               | NS                          |                  | <2.85 U     | <2.82 U        | <2.86 U         | <2.81 U        | <2.84 U      | <2.85 U      | <2.85 U        | <2.84 U        | <2.89 U         | <2.84 U      | <2.87 U    | <2.87 U        | <2.86 U        | <2.86 U    | <2.84 U    |          |          |
| 2-Methylnaphthalene                                      | 3.6                              | NS               | 122                         |                  | <0.570 U    | <0.565 U       | <b>0.211 J</b>  | <0.562 U       | <0.569 U     | <0.571 U     | <b>0.690</b>   | <0.567 U       | <b>0.324 JI</b> | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 2-Methylphenol                                           | 93                               | NS               | 1830                        |                  | <0.570 U    | <0.565 U       | <b>2.36</b>     | <0.562 U       | <0.569 U     | <0.571 U     | <b>5.21</b>    | <b>0.553 J</b> | <b>6.52</b>     | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 2-Naphthylamine                                          | 0.039                            | NS               | NS                          |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <b>1.03 I</b>  | <b>1.51 I</b>  | <0.571 U   | <0.568 U   |          |          |
| 2-Nitroaniline                                           | 19                               | NS               | 0.417                       |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <b>2.33 I</b>  | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <b>1.28 I</b>  | <0.571 U   | <0.568 U   |          |          |
| 2-Nitrophenol                                            | NS                               | NS               | 0.416                       |                  | <0.570 U    | <0.565 U       | <b>0.357 JI</b> | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <b>0.163 J</b> | <0.571 U   | <0.568 U   |          |          |
| 2-Picoline                                               | NS                               | NS               | NS                          |                  | <1.14 U*-*1 | <1.13 U*-*1    | <1.14 U         | <1.12 U*-F1*1  | <1.14 U*-*1  | <1.14 U*-*1  | <1.14 U        | <1.13 U*-*1    | <1.15 U         | <1.14 U*-*1  | <1.15 U    | <1.15 U        | <1.14 U*-*1    | <1.14 U    | <1.14 U    |          |          |
| 3,3-Dichlorobenzidine                                    | 0.13                             | NS               | 0.149                       |                  | <1.14 U     | <1.13 U        | <1.14 U         | <1.12 U        | <1.14 U      | <1.14 U      | <1.14 U        | <1.13 U        | <1.15 U         | <1.14 U      | <1.15 U    | <1.15 U        | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| 3,3-Dimethylbenzidine                                    | 0.0021                           | NS               | 0.00728                     |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 U*-F1*1 | <0.569 U*-*1 | <0.571 U*-*1 | <0.570 U       | <0.567 U*-*1   | <0.577 U        | <0.568 U*-*1 | <0.575 U   | <0.573 U       | <0.572 U*-*1   | <0.571 U   | <0.568 U   |          |          |
| 3-Methylchloranthrene                                    | 0.0011                           | NS               | NS                          |                  | <0.570 U*-  | <0.565 U*-     | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 3-Methylphenol, 4-Methylphenol                           | NS                               | NS               | NS                          |                  | <0.570 U    | <0.565 U       | <b>1.48</b>     | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <b>1.35</b>    | <b>1.55</b>     | <0.568 U     | <0.575 U   | <b>0.311 J</b> | <b>0.442 J</b> | <0.571 U   | <0.568 U   |          |          |
| 3-Nitroaniline                                           | NS                               | NS               | NS                          |                  | <1.14 U     | <1.13 U        | <1.14 U         | <1.12 U        | <1.14 U      | <1.14 U      | <1.14 U        | <1.13 U        | <1.15 U         | <1.14 U      | <1.15 U    | <1.15 U        | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| 4-Aminobiphenyl                                          | 0.003                            | NS               | NS                          |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 4-Bromophenyl phenyl ether                               | NS                               | NS               | NS                          |                  | <0.570 U*-  | <0.565 U*-     | <0.571 U        | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 4-Chloro-3-Methylphenol                                  | 140                              | NS               | 73000                       |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 4-Chlorophenyl phenyl ether                              | NS                               | NS               | NS                          |                  | <0.570 U*-  | <0.565 U*-     | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 4-Dimethylaminoazobenzene                                | 0.005                            | NS               | NS                          |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| 4-Nitroaniline                                           | 3.8                              | NS               | NS                          |                  | <1.14 U     | <1.13 U        | <1.14 U         | <1.12 U        | <1.14 U      | <1.14 U      | <1.14 U        | <1.13 U        | <1.15 U         | <1.14 U      | <1.15 U    | <1.15 U        | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| 4-Nitroquinoline-N-Oxide                                 | NS                               | NS               | NS                          |                  | <1.14 U     | <1.13 U        | <1.14 U         | <1.12 U        | <1.14 U      | <1.14 U      | <1.14 U        | <1.13 U        | <1.15 U         | <1.14 U      | <1.15 U    | <1.15 U        | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| 5-Nitro-o-Toluidine                                      | 8.2                              | NS               | 2.03                        |                  | <1.14 U     | <1.13 U        | <1.14 U         | <1.12 U        | <1.14 U      | <1.14 U      | <1.14 U        | <1.13 U        | <1.15 U         | <1.14 U      | <1.15 U    | <1.15 U        | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| 7,12-Dimethylbenz(a)anthracene                           | 0.0001                           | NS               | NS                          |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| Acenaphthene                                             | 53                               | NS               | 365                         |                  | <0.570 U    | <b>0.162 J</b> | <b>0.992</b>    | <b>0.965</b>   | <0.569 U     | <b>1.01</b>  | <b>0.130 J</b> | <0.567 U       | <b>1.64</b>     | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| Acenaphthylene                                           | NS                               | NS               | 2190                        |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 U       | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <0.577 U        | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| Acetophenone <sup>(1)</sup>                              | 190                              | NS               | NS                          |                  | <1.14 U*-   | <1.13 U*-      | <1.14 U         | <1.12 U        | <1.14 U      | <1.14 U      | <1.14 U        | <1.13 U        | <1.15 U         | <1.14 U      | <1.15 U    | <b>2.94</b>    | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| Aniline                                                  | 13                               | NS               | 11.7                        |                  | <1.14 U*-   | <1.13 U*-      | <1.14 U         | <1.12 U*-      | <1.14 U      | <1.14 U*-    | <1.14 U        | <1.13 U*-      | <1.15 U         | <1.14 U*-    | <1.15 U    | <1.15 U        | <1.14 U        | <1.14 U    | <1.14 U    |          |          |
| Anthracene                                               | 180                              | NS               | 43.4                        |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <0.567 U       | <b>0.130 J</b>  | <0.568 U     | <0.575 U   | <0.573 U       | <0.572 U       | <0.571 U   | <0.568 U   |          |          |
| Aramite                                                  | 1.3                              | NS               | NS                          |                  | <0.570 U*-  | <0.565 U*-     | <0.571 U        | <0.562 U*-     | <0.569 U*-   | <0.571 U*-   | <0.570 U*-     | <0.567 U*-     | <0.577 U        | <0.568 U*-   | <0.575 U*- | <0.573 U*-     | <0.572 U*-     | <0.571 U*- | <0.568 U*- |          |          |
| Aramite Peak 1                                           | NS                               | NS               | NS                          |                  | <0.570 U    | <0.565 U       | <0.571 U        | <0.562 UF1     | <0.569 U     | <0.571 U     | <0.570 U       | <0.            |                 |              |            |                |                |            |            |          |          |

Notes on Page 25.

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-15      | MW-16      | MW-17      | MW-18       | MW-19       | MW-20      | MW-21      | MW-22      | MW-23      | MW-24      | MW-25      | MW-26S     | MW-26D     | MW-27S     | MW-27D     |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial    | Alluvial    | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 14 - 24    | 16 - 26    | 10 - 20    | 4 - 14      | 7.75 - 17.5 | 4 - 14     | 6 - 16     | 5 - 15     | 5 - 14     | 4 - 13     | 2 - 12     | 3 - 13     | 17 - 22    | 5 - 15     | 16 - 21    |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/12/2025 | 11/12/2025 | 11/12/2025 | 11/10/2025  | 11/10/2025  | 11/10/2025 | 11/12/2025 | 11/10/2025 | 11/12/2025 | 11/10/2025 | 11/6/2025  | 11/7/2025  | 11/7/2025  | 11/6/2025  | 11/6/2025  |          |          |
|                                                          |                                  |                  |                             | Program:         | RUAO       | RUAO       | RUAO       | RUAO        | RUAO        | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | RUAO       | Area #1    | #N/A       | Area #1  | Area #1  |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |            |            |            |             |             |            |            |            |            |            |            |            |            |            |            |          |          |
| Butyl benzyl phthalate                                   | 16                               | NS               | 2690                        |                  | <1.14 U*-  | <1.13 U*-  | <1.14 U    | <1.12 UF1   | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| Chrysene                                                 | 25                               | NS               | 9.17                        |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Diallate                                                 | 0.54                             | NS               | NS                          |                  | <0.570 U*- | <0.565 U*- | <0.571 U   | <0.562 U*-  | <0.569 U*-  | <0.571 U*- | <0.570 U*- | <0.567 U*- | <0.577 U   | <0.568 U*- | <0.575 U*- | <0.573 U*- | <0.572 U*- | <0.571 U*- | <0.568 U*- |          |          |
| Diallate Peak 1                                          | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Diallate Peak 2                                          | NS                               | NS               | NS                          |                  | <0.570 U*- | <0.565 U*- | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Dibenz(a,h)anthracene                                    | 0.025                            | NS               | 0.00917                     |                  | <0.114 U*- | <0.113 U*- | <0.114 U   | <0.112 U    | <0.114 U    | <0.114 U   | <0.114 U   | <0.113 U   | <0.115 U   | <0.114 U   | <0.115 U   | <0.115 U   | <0.114 U   | <0.114 U   | <0.114 U   |          |          |
| Dibenzofuran                                             | 0.79                             | NS               | 24.3                        |                  | <0.570 U*- | <0.565 U*- | 0.487 J    | <0.562 UF1  | 3.72        | 0.623      | 1.25 I     | 4.64       | 1.73       | <0.568 U   | <0.575 U   | 2.47       | 5.37       | <0.571 U   | <0.568 U   |          |          |
| Diethyl phthalate                                        | 1500                             | NS               | 29200                       |                  | <1.14 U    | <1.13 U    | 0.242 JI   | <1.12 UF1   | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| Dimethoate                                               | 4.4                              | NS               | NS                          |                  | <2.85 U*+  | <2.82 U*+  | <2.86 U*+  | <2.81 U*+   | <2.84 U*+   | <2.85 U*+  | <2.85 U*+  | <2.84 U*+  | <2.89 U*+  | <2.84 U*+  | <2.87 U*+  | <2.87 U*+  | <2.86 U*+  | <2.86 U*+  | <2.84 U*+  |          |          |
| Dimethyl phthalate                                       | NS                               | NS               | 365000                      |                  | <1.14 U    | <1.13 U    | <1.14 U    | <1.12 UF1   | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| Dimethylphenethylamine                                   | NS                               | NS               | NS                          |                  | <5.70 U*-  | <5.65 U*-  | <5.71 U    | <5.62 U*-F1 | <5.69 U*-   | <5.71 U*-  | <5.70 U    | <5.67 U*-  | <5.77 U    | <5.68 U*-  | <5.75 U    | <5.73 U    | <5.72 U*-  | <5.71 U    | <5.68 U    |          |          |
| Di-n-butyl phthalate                                     | 90                               | NS               | 3650                        |                  | <1.14 U    | <1.13 U    | <1.14 U    | <1.12 UF1   | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| Di-n-octyl phthalate                                     | 20                               | NS               | 20                          |                  | <1.14 U    | <1.13 U    | <1.14 U    | <1.12 UF1   | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| Dinoseb                                                  | 1.5                              | 7                | 7                           |                  | <2.85 U    | <2.82 U    | <2.86 U*+  | <2.81 U*+   | <2.84 U*+   | <2.85 U*+  | <2.85 U*+  | <2.84 U*+  | <2.89 U*+  | <2.84 U*+  | <2.87 U*+  | <2.87 U*+  | <2.86 U*+  | <2.86 U*+  | <2.84 U*+  |          |          |
| Diphenyl ether                                           | 0.083                            | NS               | NS                          |                  | 2.16       | 2.39       | 14.9       | 1070        | 8500        | 3390       | 2780       | 11000      | 2020       | 41.2       | 0.977      | 7020       | 8700       | <0.571 U   | <0.568 U   |          |          |
| Disulfoton                                               | 0.05                             | NS               | 1.46                        |                  | <2.85 U*+  | <2.82 U*+  | <2.86 U*+  | <2.81 U*+   | <2.84 U*+   | <2.85 U*+  | <2.85 U*+  | <2.84 U*+  | <2.89 U*+  | <2.84 U*+  | <2.87 U*+  | <2.87 U*+  | <2.86 U*+  | <2.86 U*+  | <2.84 U*+  |          |          |
| Ethyl Methanesulfonate                                   | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Famphur                                                  | NS                               | NS               | NS                          |                  | <1.14 U    | <1.13 U    | <1.14 U    | <1.12 U     | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| Fluoranthene                                             | 80                               | NS               | 1460                        |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 UF1  | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | 0.339 J    | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Fluorene                                                 | 29                               | NS               | 243                         |                  | <0.570 U*- | <0.565 U*- | 0.213 J    | 0.146 J     | 0.214 J     | 0.172 J    | <0.570 U   | <0.567 U   | 1.63       | <0.568 U   | <0.575 U   | <0.573 U   | 0.119 J    | <0.571 U   | <0.568 U   |          |          |
| Hexachloro-1,3-butadiene                                 | 0.14                             | NS               | 0.859                       |                  | <0.570 U   | <0.565 U   | 0.186 J    | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Hexachlorobenzene                                        | 0.0098                           | 1                | 1                           |                  | <0.570 U*- | <0.565 U*- | <0.571 U   | <0.562 UF1  | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Hexachlorocyclopentadiene                                | 0.041                            | 50               | 50                          |                  | <1.14 U    | <1.13 U    | <1.14 U    | <1.12 U     | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| Hexachloroethane                                         | 0.33                             | NS               | 4.78                        |                  | <0.570 U   | <0.565 U   | 11.8       | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | 2.98       | 5.57       | <0.571 U   | <0.568 U   |          |          |
| Hexachloropropene                                        | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Indeno(1,2,3-cd)pyrene                                   | 0.25                             | NS               | 0.0917                      |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Isophorone                                               | 78                               | NS               | 70.5                        |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 UF1  | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Isosafrole                                               | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Isosafrole Peak 1                                        | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Isosafrole Peak 2                                        | NS                               | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 U    | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Methapyrilene                                            | NS                               | NS               | NS                          |                  | <2.28 U*+  | <2.26 U*+  | <2.29 U*+  | <2.25 U*+   | <2.28 U*+   | <2.28 U*+  | <2.28 U*+  | <2.27 U*+  | <2.31 U*+  | <2.27 U*+  | <2.30 U*+  | <2.29 U*+  | <2.29 U*+  | <2.29 U*+  | <2.27 U*+  |          |          |
| Methyl methanesulfonate                                  | 0.79                             | NS               | NS                          |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 UF1  | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| Methyl parathion                                         | 0.45                             | NS               | 9.13                        |                  | <2.85 U*+  | <2.82 U*+  | <2.86 U*+  | <2.81 U*+   | <2.84 U*+   | <2.85 U*+  | <2.85 U*+  | <2.84 U*+  | <2.89 U*+  | <2.84 U*+  | <2.87 U*+  | <2.87 U*+  | <2.86 U*+  | <2.86 U*+  | <2.84 U*+  |          |          |
| Naphthalene                                              | 0.12                             | NS               | 6.2                         |                  | <0.570 U   | <0.565 U   | 2.30       | <0.562 U    | 12.6        | 0.474 J    | 22.0       | 22.3       | 17.3       | <0.568 U   | <0.575 U   | 18.9       | 31.6       | <0.571 U   | <0.568 U   |          |          |
| Nitrobenzene                                             | 0.14                             | NS               | 3.53                        |                  | <0.570 U*- | <0.565 U*- | <0.571 U   | <0.562 UF1  | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| N-Nitrosodiethylamine                                    | 0.00017                          | NS               | 0.000446                    |                  | <1.14 U*-  | <1.13 U*-  | <1.14 U    | <1.12 U     | <1.14 U     | <1.14 U    | <1.14 U    | <1.13 U    | <1.15 U    | <1.14 U    | <1.15 U    | <1.15 U    | <1.14 U    | <1.14 U    | <1.14 U    |          |          |
| N-Nitrosodimethylamine                                   | 0.00011                          | NS               | 0.00131                     |                  | <0.570 U   | <0.565 U   | <0.571 U   | <0.562 UF1  | <0.569 U    | <0.571 U   | <0.570 U   | <0.567 U   | <0.577 U   | <0.568 U   | <0.575 U   | <0.573 U   | <0.572 U   | <0.571 U   | <0.568 U   |          |          |
| N-Nitrosodi-n-butylamine                                 | 0.0027                           | NS               | 0.00189                     |                  | <1.14 U    |            |            |             |             |            |            |            |            |            |            |            |            |            |            |          |          |

Notes on Page 25.

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-15        | MW-16        | MW-17      | MW-18        | MW-19        | MW-20        | MW-21      | MW-22        | MW-23      | MW-24        | MW-25      | MW-26S     | MW-26D       | MW-27S     | MW-27D     |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|--------------|--------------|------------|--------------|--------------|--------------|------------|--------------|------------|--------------|------------|------------|--------------|------------|------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial     | Alluvial     | Alluvial   | Alluvial     | Alluvial     | Alluvial     | Alluvial   | Alluvial     | Alluvial   | Alluvial     | Alluvial   | Alluvial   | Alluvial     | Alluvial   | Alluvial   | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 14 - 24      | 16 - 26      | 10 - 20    | 4 - 14       | 7.75 - 17.5  | 4 - 14       | 6 - 16     | 5 - 15       | 5 - 14     | 4 - 13       |            |            |              |            |            |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/12/2025   | 11/12/2025   | 11/12/2025 | 11/10/2025   | 11/10/2025   | 11/10/2025   | 11/12/2025 | 11/10/2025   | 11/12/2025 | 11/10/2025   |            |            |              |            |            |          |          |
|                                                          |                                  |                  |                             | Program:         | RUAO         | RUAO         | RUAO       | RUAO         | RUAO         | RUAO         | RUAO       | RUAO         | RUAO       | RUAO         | RUAO       | RUAO       |              |            |            |          |          |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |              |              |            |              |              |              |            |              |            |              |            |            |              |            |            |          |          |
| N-Nitrosopyrrolidine                                     | 0.037                            | NS               | 0.0319                      |                  | <0.570 U     | <0.565 U     | <0.571 U   | <0.562 U     | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | <0.577 U   | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| o,o,o-Triethyl phosphorothioate                          | NS                               | NS               | NS                          |                  | 270 J        | 4120         | 1630       | 0.888        | <0.569 U     | <0.571 U     | 7.73       | <0.567 U     | 10.7       | <0.568 U     | <0.575 U   | 2.41       | 3.09         | <0.571 U   | <0.568 U   |          |          |
| o,o-Diethyl o-pyrazinyl phosphorothioate                 | NS                               | NS               | NS                          |                  | <1.14 U      | <1.13 U      | <1.14 U    | <1.12 U**    | <1.14 U**    | <1.14 U**    | <1.14 U    | <1.13 U**    | <1.15 U    | <1.14 U**    | <1.15 U    | <1.15 U    | <1.14 U**    | <1.14 U    | <1.14 U    |          |          |
| o-Toluidine                                              | 4.7                              | NS               | 0.279                       |                  | <0.570 U     | <0.565 U     | <0.571 U   | <0.562 U     | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | <0.577 U   | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Parathion                                                | 8.6                              | NS               | 219                         |                  | <1.14 U**    | <1.13 U**    | <1.14 U**  | <1.12 U**    | <1.14 U**    | <1.14 U**    | <1.14 U**  | <1.13 U**    | <1.15 U**  | <1.14 U**    | <1.15 U**  | <1.15 U**  | <1.14 U**    | <1.14 U**  | <1.14 U**  |          |          |
| p-Chloroaniline                                          | 0.37                             | NS               | 146                         |                  | <0.570 U     | <0.565 U     | <0.571 U   | <0.562 U     | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | <0.577 U   | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Pentachlorobenzene                                       | 0.32                             | NS               | 29.2                        |                  | <0.570 U*-   | <0.565 U*-   | <0.571 U   | <0.562 U     | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | <0.577 U   | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Pentachloronitrobenzene                                  | 0.12                             | NS               | 0.258                       |                  | <0.570 U     | <0.565 U     | <0.571 U   | <0.562 UF1   | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | <0.577 U   | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Pentachlorophenol                                        | 0.041                            | 1                | 1                           |                  | <0.570 U     | <0.565 U     | <0.571 U   | <0.562 UF1   | <0.569 U     | <0.571 U     | 1.69       | <0.567 U     | 0.983      | <0.568 U     | <0.575 U   | 0.449 J    | 0.370 J      | <0.571 U   | <0.568 U   |          |          |
| Phenacetin                                               | 34                               | NS               | NS                          |                  | <0.570 U     | <0.565 U     | <0.571 U   | <0.562 U     | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | <0.577 U   | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Phenanthrene                                             | NS                               | NS               | 1100                        |                  | <0.570 U*-   | <0.565 U*-   | <0.571 U   | <0.562 UF1   | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | 2.25       | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Phenol                                                   | 580                              | NS               | 21900                       |                  | <1.14 U      | <1.13 U      | 1.08 J     | 3.38         | 3.43         | 7.11         | 30.4 J     | 12.1         | 37.4 J     | <1.14 U      | <1.15 U    | 22.6       | 13.4         | <1.14 U    | <1.14 U    |          |          |
| Phorate                                                  | 0.3                              | NS               | NS                          |                  | <5.70 U**    | <5.65 U**    | <5.71 U**  | <5.62 U**    | <5.69 U**    | <5.71 U**    | <5.70 U**  | <5.67 U**    | <5.77 U**  | <5.68 U**    | <5.75 U**  | <5.73 U**  | <5.72 U**    | <5.71 U**  | <5.68 U**  |          |          |
| p-Phenylenediamine                                       | 2                                | NS               | 6940                        |                  | <5.70 U**.*1 | <5.65 U**.*1 | <5.71 U    | <5.62 U*-F1  | <5.69 U*-    | <5.71 U*-    | <5.70 U    | <5.67 U*-    | <5.77 U    | <5.68 U*-    | <5.75 U    | <5.73 U    | <5.72 U*-    | <5.71 U    | <5.68 U    |          |          |
| Propyzamide                                              | 120                              | NS               | NS                          |                  | <0.570 U*-   | <0.565 U*-   | <0.571 U   | <0.562 U     | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | <0.577 U   | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Pyrene                                                   | 12                               | NS               | 183                         |                  | <0.570 U     | <0.565 U     | <0.571 U   | <0.562 UF1   | <0.569 U     | <0.571 U     | <0.570 U   | <0.567 U     | 0.150 J    | <0.568 U     | <0.575 U   | <0.573 U   | <0.572 U     | <0.571 U   | <0.568 U   |          |          |
| Pyridine                                                 | 2                                | NS               | 36.5                        |                  | <2.85 U*-    | <2.82 U*-    | <2.86 U    | <2.81 U**.*1 | <2.84 U**.*1 | <2.85 U**.*1 | <2.85 U    | <2.84 U**.*1 | <2.89 U    | <2.84 U**.*1 | <2.87 U    | <2.87 U    | <2.86 U**.*1 | <2.86 U    | <2.84 U    |          |          |
| Safrole                                                  | 0.096                            | NS               | NS                          |                  | <0.570 U*-   | <0.565 U*-   | <0.571 U   | <0.562 U*-   | <0.569 U*-   | <0.571 U*-   | <0.570 U*- | <0.567 U*-   | <0.577 U   | <0.568 U*-   | <0.575 U*- | <0.573 U*- | <0.572 U*-   | <0.571 U*- | <0.568 U*- |          |          |
| Sulfotep                                                 | 0.71                             | NS               | NS                          |                  | <1.14 U**    | <1.13 U**    | <1.14 U**  | <1.12 U**    | <1.14 U**    | <1.14 U**    | <1.14 U**  | <1.13 U**    | <1.15 U**  | <1.14 U**    | <1.15 U**  | <1.15 U**  | <1.14 U**    | <1.14 U**  | <1.14 U**  |          |          |
| Delnav; Method 8321A                                     |                                  |                  |                             |                  |              |              |            |              |              |              |            |              |            |              |            |            |              |            |            |          |          |
| Total Dioxathion                                         | NS                               | NS               | 54.80                       |                  | <1.00 U      | <1.00 U      | <1.00 U    | --           | --           | --           | --         | --           | --         | --           | --         | --         | --           | --         | --         |          |          |

Notes on Page 25.

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-28S      | MW-28D      | MW-29S    | MW-29D    | MW-29D    | MW-30S    | MW-30D    | MW-31S     | MW-31D    | MW-32S    | MW-32D    | MW-33S    | MW-33D    | MW-34SR   | MW-34DR   |           |           |
|------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                          |                                  |                  |                             | Aquifer:         | Alluvial    | Alluvial    | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial   | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  |
|                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 12      | 19.5 - 24.5 | 6 - 16    | 17 - 22   | 17 - 22   | 6 - 16    | 18 - 23   | 6 - 16     | 18 - 23   | 6 - 16    | 17 - 22   | 3 - 13    | 19 - 29   | 4 - 14    | 19 - 29   |           |           |
|                                          |                                  |                  |                             | Sample Date:     | 11/7/2025   | 11/7/2025   | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025  | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/7/2025 | 11/7/2025 | 11/6/2025 | 11/6/2025 |
|                                          |                                  |                  |                             | Program:         | Area #1     | Area #1     | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1    | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   |
| Volatile Organic Compounds; Method 8260B |                                  |                  |                             |                  |             |             |           |           | Duplicate |           |           |            |           |           |           |           |           |           |           |           |           |
| 1,1,1,2-Tetrachloroethane                | 0.57                             | NS               | 0.406                       |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,1,1-Trichloroethane                    | 800                              | 200              | 200                         |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| 1,1,2,2-Tetrachloroethane                | 0.076                            | NS               | 0.0527                      |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,1,2-trichloro-1,2,2-trifluoroethane    | 1000                             | NS               | 59400                       |                  | <20000 U    | <5000 U     | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   |           |           |
| 1,1,2-Trichloroethane                    | 0.041                            | 5                | 5                           |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,1-Dichloroethane                       | 2.8                              | NS               | 798                         |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,1-Dichloroethene                       | 0.82                             | 7                | 7                           |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,2,3-Trichloropropane                   | 0.00075                          | NS               | 0.00623                     |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,2,4-Trimethylbenzene                   | 5.6                              | NS               | 12.3                        |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,2-Dibromo-3-chloropropane              | 0.00033                          | 0.2              | 0.2                         |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| 1,2-Dibromoethane                        | 0.0075                           | 0.05             | 0.05                        |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| 1,2-Dichloroethane                       | 0.17                             | 5                | 5                           |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,2-Dichloropropane                      | 0.82                             | 5                | 5                           |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| 1,3,5-Trimethylbenzene                   | 6                                | NS               | 12.3                        |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 1,3-Butadiene                            | 0.071                            | NS               | 0.00696                     |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| 2,2,4-Trimethylpentane                   | NS                               | NS               | NS                          |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| 2-Butanone (MEK)                         | 560                              | NS               | 1910                        |                  | <100000 U*+ | <25000 U*+  | <2500 U   | <50000 U  | <50000 U  | <50.0 U   | <2500 U   | <50.0 U    | <50.0 U*+ | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U*+ | <50.0 U   | <50.0 U   |           |           |
| 2-Chlor-1,3-Butadiene                    | 0.0068                           | NS               | 14.3                        |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| 2-Methyl-1-propanol                      | 73                               | NS               | 1830                        |                  | <100000 U   | <25000 U    | <2500 U   | <50000 U  | <50000 U  | <50.0 U   | <2500 U   | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   |           |           |
| 4-Methyl-2-Pentanone                     | 630                              | NS               | NS                          |                  | <100000 U   | <25000 U    | <2500 U   | <50000 U  | <50000 U  | <50.0 U   | <2500 U   | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   |           |           |
| Acetone                                  | 1800                             | NS               | 608                         |                  | <200000 U   | <50000 U    | <5000 U   | <100000 U | <100000 U | <100 U    | <5000 U   | <100 U     | <100 U    | <100 U    | <100 U    | <100 U    | <100 U    | <100 U    | <100 U    |           |           |
| Acetonitrile                             | 13                               | NS               | 125                         |                  | <200000 U   | <50000 U    | <5000 U   | <100000 U | <100000 U | <100 U    | <5000 U   | <100 U     | <100 U    | <100 U    | <100 U    | <100 U    | <100 U    | <100 U    | <100 U    |           |           |
| Acrolein                                 | 0.0042                           | NS               | 0.0416                      |                  | <100000 U   | <25000 U    | <2500 U   | <50000 U  | <50000 U  | <50.0 U   | <2500 U   | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   |           |           |
| Acrylonitrile                            | 0.052                            | NS               | 0.0367                      |                  | <100000 U   | <25000 U    | <2500 U   | <50000 U  | <50000 U  | <50.0 U   | <2500 U   | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   |           |           |
| Allyl chloride                           | 0.21                             | NS               | NS                          |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| Benzene                                  | 0.46                             | 5                | 5                           |                  | 927 J       | 232 J       | <50.0 U   | 557 J     | 542 J     | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| Benzyl Chloride                          | 0.089                            | NS               | 0.0621                      |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U*+1 | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 UF1 | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| Bromodichloromethane                     | 0.13                             | 80               | 0.168                       |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| Bromoform                                | 3.3                              | 80               | 8.48                        |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| Bromomethane                             | 0.75                             | NS               | 8.52                        |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| Carbon Disulfide                         | 81                               | NS               | 1040                        |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| Carbon Tetrachloride                     | 0.46                             | 5                | 5                           |                  | 66600       | 32400       | 14600     | 99800     | 108000    | 31.2      | 3580      | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   |           |           |
| CFC-11                                   | 520                              | NS               | 1290                        |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| CFC-12                                   | 20                               | NS               | 348                         |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| Chlorobenzene                            | 7.8                              | 100              | 100                         |                  | <2000 U     | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| Chlorodibromomethane                     | 0.87                             | 80               | 0.126                       |                  | <10000 U    | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   |           |           |
| Chloroethane                             | 830                              | NS               | 3.64                        |                  | <20000 U    | <5000 U     | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   |           |           |
| Chloroform                               | 0.22                             | 80               | 0.155                       |                  | 9600        | 3630        | 227       | 2020      | 2150      | <1.00 U   | 24.0 J    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   |           |           |
| Chloromethane                            | 19                               | NS               | 1.43                        |                  | &lt         |             |           |           |           |           |           |            |           |           |           |           |           |           |           |           |           |



Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                              | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-28S     | MW-28D      | MW-29S    | MW-29D    | MW-29D    | MW-30S    | MW-30D    | MW-31S    | MW-31D    | MW-32S    | MW-32D    | MW-33S     | MW-33D    | MW-34SR   | MW-34DR   |          |          |
|------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|----------|----------|
|                                                      |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial    | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial   | Alluvial  | Alluvial  | Alluvial  | Alluvial | Alluvial |
|                                                      |                                  |                  |                             | Screen (ft bgs): | 7 - 12     | 19.5 - 24.5 | 6 - 16    | 17 - 22   | 17 - 22   | 6 - 16    | 18 - 23   | 6 - 16    | 18 - 23   | 6 - 16    | 17 - 22   | 3 - 13     | 19 - 29   | 4 - 14    | 19 - 29   |          |          |
|                                                      |                                  |                  |                             | Sample Date:     | 11/7/2025  | 11/7/2025   | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/7/2025  | 11/7/2025 | 11/6/2025 | 11/6/2025 |          |          |
|                                                      |                                  |                  |                             | Program:         | Area #1    | Area #1     | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1    | Area #1   | Area #1   | Area #1   | Area #1  | Area #1  |
| Volatile Organic Compounds; Method 8260B (continued) |                                  |                  |                             |                  |            |             |           |           |           |           |           |           |           |           |           |            |           |           |           |          |          |
| Ethyl Methacrylate                                   | 63                               | NS               | 548                         |                  | <10000 U*+ | <2500 U*+   | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U*+ | <5.00 U*+ | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U*+ | <5.00 U   | <5.00 U   |          |          |
| Ethylbenzene                                         | 1.5                              | 700              | 700                         |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   |          |          |
| Hexane                                               | 150                              | NS               | 350                         |                  | <10000 U   | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   |          |          |
| Iodomethane                                          | NS                               | NS               | NS                          |                  | <40000 U   | <10000 U    | <1000 U   | <20000 U  | <20000 U  | <20.0 U   | <1000 U   | <20.0 U*+ | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U   |          |          |
| Isopropyl alcohol                                    | 41                               | NS               | NS                          |                  | <20000 U   | <5000 U     | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   |          |          |
| Isopropylbenzene                                     | 45                               | NS               | 679                         |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | 1.11      | <1.00 U   | <1.00 U   |          |          |
| m,p-Xylenes                                          | NS                               | NS               | NS                          |                  | <4000 U    | <1000 U     | <100 U    | <2000 U   | <2000 U   | <2.00 U   | <100 U    | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U   |          |          |
| Methyl methacrylate                                  | 140                              | NS               | 1420                        |                  | <20000 U   | <5000 U     | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   |          |          |
| Methyl N-Butyl Ketone (2-Hexanone)                   | 3.8                              | NS               | 1460                        |                  | <100000 U  | <25000 U    | <2500 U   | <50000 U  | <50000 U  | <50.0 U   | <2500 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U   |          |          |
| Methylacrylonitrile                                  | 0.19                             | NS               | 1.04                        |                  | <20000 U*+ | <5000 U*+   | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U   | <10.0 U*+ | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U*+ | <10.0 U   | <10.0 U   |          |          |
| Methyl-tert-butylether                               | 14                               | NS               | 40                          |                  | <10000 U   | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   |          |          |
| n-Propylbenzene                                      | 66                               | NS               | 243                         |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   |          |          |
| o-Xylene                                             | 19                               | NS               | 12200                       |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   |          |          |
| Propionitrile                                        | NS                               | NS               | NS                          |                  | <20000 U*+ | <5000 U*+   | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U   | <10.0 U*+ | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U*+ | <10.0 U   | <10.0 U   |          |          |
| Styrene (Monomer)                                    | 120                              | 100              | 100                         |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   |          |          |
| Tetrachloroethene                                    | 4.1                              | 5                | 5                           |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   |          |          |
| Tetrahydrofuran                                      | 340                              | NS               | NS                          |                  | <20000 U*+ | <5000 U*+   | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U   | <10.0 U*+ | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U*+ | <10.0 U   | <10.0 U   |          |          |
| Toluene                                              | 110                              | 1000             | 1000                        |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   |          |          |
| Total Xylenes                                        | 19                               | 10000            | 10000                       |                  | <4000 U    | <1000 U     | <100 U    | <2000 U   | <2000 U   | <2.00 U   | <100 U    | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U   |          |          |
| trans-1,2-Dichloroethene                             | 6.8                              | 100              | 100                         |                  | <2000 U    | <500 U      | <50.0 U   | <1000 U   | <1000 U   | <1.00 U   | <50.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   |          |          |
| trans-1,3-Dichloropropene                            | NS                               | NS               | NS                          |                  | <10000 U   | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   |          |          |
| trans-1,4-Dichloro-2-butene                          | 0.0013                           | NS               | NS                          |                  | <20000 U   | <5000 U     | <500 U    | <10000 U  | <10000 U  | <10.0 U   | <500 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   |          |          |
| Trichloroethene                                      | 0.28                             | 5                | 5                           |                  | <10000 U   | <2500 U     | <250 U    | <5000 U   | <5000 U   | <5.00 U   | <250 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   |          |          |
| Vinyl acetate                                        | 41                               | NS               | 412                         |                  | <40000 U   | <10000 U    | <1000 U   | <20000 U  | <20000 U  | <20.0 U   | <1000 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U   |          |          |
| Vinyl chloride                                       | 0.019                            | 2                | 2                           |                  | <4000 U    | <1000 U     | <100 U    | <2000 U   | <2000 U   | <2.00 U   | <100 U    | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U   |          |          |
| Semivolatile Organic Compounds; Method 8270D         |                                  |                  |                             |                  |            |             |           |           |           |           |           |           |           |           |           |            |           |           |           |          |          |
| 1,1-Biphenyl                                         | 0.083                            | NS               | 304                         |                  | 1120       | 2300        | 0.903     | 524       | 625       | <0.582 U  | 15.4      | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | 0.785 F1   | 1320      | <0.587 U  | 333       |          |          |
| 1,2,4,5-Tetrachlorobenzene                           | 0.017                            | NS               | 11                          |                  | <0.566 U   | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 1,2,4-Trichlorobenzene                               | 0.4                              | 70               | 70                          |                  | <0.566 U   | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 1,2-Dichlorobenzene                                  | 30                               | 600              | 600                         |                  | 2.39       | 2.77        | <0.576 U  | 1.80      | 2.24      | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 1,3,5-Trinitrobenzene                                | 59                               | NS               | 1100                        |                  | <1.13 U    | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 UF1  | <1.14 U   | <1.17 U   | <1.13 U   |          |          |
| 1,3-Dichlorobenzene                                  | NS                               | NS               | 5.48                        |                  | 0.216 J    | 0.268 J     | <0.576 U  | 0.184 J   | 0.223 J   | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 1,3-Dinitrobenzene                                   | 0.2                              | NS               | 3.65                        |                  | <1.13 U    | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 UF1  | <1.14 U   | <1.17 U   | <1.13 U   |          |          |
| 1,4-Dichlorobenzene                                  | 0.48                             | 75               | 75                          |                  | 3.35       | 4.17        | <0.576 U  | 2.82      | 3.48      | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 1,4-Dioxane                                          | 0.46                             | NS               | 6.09                        |                  | 1.45       | 1.06        | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 1,4-Naphthoquinone                                   | NS                               | NS               | NS                          |                  | <0.566 U   | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 1-Naphthylamine                                      | NS                               | NS               | NS                          |                  | <0.566 U*- | <0.571 U*-  | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |          |          |
| 2,2-Oxybis(1-Chloropropane)                          | 71                               | NS               | NS                          |                  | <2.83 U    | <2.86 U     | <2.88 U   | <2.85 U   | <2.86 U   | <2.91 U   | <2.84 U   | <2.87 U   | <2.92 U   | <2.84 U   | <2.96 U   | <2.85 UF1  | <2.86 U   | <2.94 U   | <2.82 U   |          |          |
| 2,3,4,6-Tetrachlorophenol                            | 24                               | NS               | 1100                        |                  | <0.566 U   | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  |            |           |           |           |          |          |



Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-28S      | MW-28D      | MW-29S     | MW-29D     | MW-29D     | MW-30S     | MW-30D     | MW-31S     | MW-31D     | MW-32S     | MW-32D     | MW-33S      | MW-33D    | MW-34SR    | MW-34DR    |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-----------|------------|------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial    | Alluvial    | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial    | Alluvial  | Alluvial   | Alluvial   | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 12      | 19.5 - 24.5 | 6 - 16     | 17 - 22    | 17 - 22    | 6 - 16     | 18 - 23    | 6 - 16     | 18 - 23    | 6 - 16     | 17 - 22    | 3 - 13      | 19 - 29   | 4 - 14     | 19 - 29    |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/7/2025   | 11/7/2025   | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/7/2025   | 11/7/2025 | 11/6/2025  | 11/6/2025  |          |          |
|                                                          |                                  |                  |                             | Program:         | Area #1     | Area #1     | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1     | Area #1   | Area #1    | Area #1    | Area #1  | Area #1  |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |             |             |            |            |            |            |            |            |            |            |            |             |           |            |            |          |          |
| 2,4-Dinitrotoluene                                       | 0.24                             | NS               | 73                          |                  | <1.13 U     | <1.14 U     | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 U     | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| 2,6-Dichlorophenol                                       | NS                               | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2,6-Dinitrotoluene                                       | 0.049                            | NS               | 36.5                        |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2-Acetylaminofluorene                                    | 0.016                            | NS               | NS                          |                  | <2.83 U     | <2.86 U     | <2.88 U    | <2.85 U    | <2.86 U    | <2.91 U    | <2.84 U    | <2.87 U    | <2.92 U    | <2.84 U    | <2.96 U    | <2.85 UF2F1 | <2.86 U   | <2.94 U    | <2.82 U    |          |          |
| 2-Chloronaphthalene                                      | 75                               | NS               | 487                         |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2-Chlorophenol                                           | 9.1                              | NS               | 30.4                        |                  | 0.307 J     | 0.181 J     | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2-Methyl-4,6-dinitrophenol                               | 0.15                             | NS               | NS                          |                  | <2.83 U     | <2.86 U     | <2.88 U    | <2.85 U    | <2.86 U    | <2.91 U    | <2.84 U    | <2.87 U    | <2.92 U    | <2.84 U    | <2.96 U    | <2.85 U     | <2.86 U   | <2.94 U    | <2.82 U    |          |          |
| 2-Methylnaphthalene                                      | 3.6                              | NS               | 122                         |                  | <0.566 U    | <0.571 U    | <0.576 U   | 0.254 J    | 0.318 JI   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U    | 0.643     | <0.587 U   | <0.565 U   |          |          |
| 2-Methylphenol                                           | 93                               | NS               | 1830                        |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2-Naphthylamine                                          | 0.039                            | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2-Nitroaniline                                           | 19                               | NS               | 0.417                       |                  | <0.566 U    | 1.86 I      | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U    | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2-Nitrophenol                                            | NS                               | NS               | 0.416                       |                  | 0.190 J     | <0.571 U    | <0.576 U   | 1.90       | 2.49       | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U    | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 2-Picoline                                               | NS                               | NS               | NS                          |                  | <1.13 U*~1  | <1.14 U*~1  | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 UF1   | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| 3,3-Dichlorobenzidine                                    | 0.13                             | NS               | 0.149                       |                  | <1.13 U     | <1.14 U     | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 UF1   | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| 3,3-Dimethylbenzidine                                    | 0.0021                           | NS               | 0.00728                     |                  | <0.566 U*~1 | <0.571 U*~1 | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 3-Methylchloranthrene                                    | 0.0011                           | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 3-Methylphenol, 4-Methylphenol                           | NS                               | NS               | NS                          |                  | 0.477 J     | 0.268 J     | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 3-Nitroaniline                                           | NS                               | NS               | NS                          |                  | <1.13 U     | <1.14 U     | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 UF1   | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| 4-Aminobiphenyl                                          | 0.003                            | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 4-Bromophenyl phenyl ether                               | NS                               | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 4-Chloro-3-Methylphenol                                  | 140                              | NS               | 73000                       |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 4-Chlorophenyl phenyl ether                              | NS                               | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 4-Dimethylaminoazobenzene                                | 0.005                            | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U    | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| 4-Nitroaniline                                           | 3.8                              | NS               | NS                          |                  | <1.13 U     | <1.14 U     | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 UF1   | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| 4-Nitroquinoline-N-Oxide                                 | NS                               | NS               | NS                          |                  | <1.13 U     | <1.14 U     | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 U     | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| 5-Nitro-o-Toluidine                                      | 8.2                              | NS               | 2.03                        |                  | <1.13 U     | <1.14 U     | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 UF1   | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| 7,12-Dimethylbenz(a)anthracene                           | 0.0001                           | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U    | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| Acenaphthene                                             | 53                               | NS               | 365                         |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | 0.183 JF1   | 1.35      | <0.587 U   | <0.565 U   |          |          |
| Acenaphthylene                                           | NS                               | NS               | 2190                        |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U    | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| Acetophenone <sup>(1)</sup>                              | 190                              | NS               | NS                          |                  | <1.13 U     | <1.14 U     | <1.15 U    | 0.560 J    | 0.691 J    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 UF1   | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| Aniline                                                  | 13                               | NS               | 11.7                        |                  | <1.13 U*~   | <1.14 U*~   | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 UF1   | <1.14 U   | <1.17 U    | <1.13 U    |          |          |
| Anthracene                                               | 180                              | NS               | 43.4                        |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| Aramite                                                  | 1.3                              | NS               | NS                          |                  | <0.566 U    | <0.571 U*~  | <0.576 U*~ | <0.571 U*~ | <0.571 U*~ | <0.582 U*~ | <0.568 U*~ | <0.573 U*~ | <0.583 U*~ | <0.569 U*~ | <0.593 U*~ | <0.571 U*~  | <0.572 U  | <0.587 U*~ | <0.565 U*~ |          |          |
| Aramite Peak 1                                           | NS                               | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U    | <0.572 U  | <0.587 U   | <0.565 U   |          |          |
| Aramite Peak 2                                           | NS                               | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1  | &lt       |            |            |          |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-28S    | MW-28D      | MW-29S    | MW-29D    | MW-29D    | MW-30S    | MW-30D    | MW-31S    | MW-31D    | MW-32S    | MW-32D    | MW-33S     | MW-33D    | MW-34SR   | MW-34DR   |           |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial  | Alluvial    | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial   | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 12    | 19.5 - 24.5 | 6 - 16    | 17 - 22   | 17 - 22   | 6 - 16    | 18 - 23   | 6 - 16    | 18 - 23   | 6 - 16    | 17 - 22   | 3 - 13     | 19 - 29   | 4 - 14    | 19 - 29   |           |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/7/2025 | 11/7/2025   | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025  | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 |          |
|                                                          |                                  |                  |                             | Program:         | Area #1   | Area #1     | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1   | Area #1    | Area #1   | Area #1   | Area #1   | Area #1   | Area #1  |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |           |             |           |           |           |           |           |           |           |           |           |            |           |           |           |           |          |
| Butyl benzyl phthalate                                   | 16                               | NS               | 2690                        |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 U    | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| Chrysene                                                 | 25                               | NS               | 9.17                        |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Diallate                                                 | 0.54                             | NS               | NS                          |                  | <0.566 U  | <0.571 U*   | <0.576 U* | <0.571 U* | <0.571 U* | <0.582 U* | <0.568 U* | <0.573 U* | <0.583 U* | <0.569 U* | <0.593 U* | <0.571 U*  | <0.572 U* | <0.587 U* | <0.565 U* |           |          |
| Diallate Peak 1                                          | NS                               | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Diallate Peak 2                                          | NS                               | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Dibenz(a,h)anthracene                                    | 0.025                            | NS               | 0.00917                     |                  | <0.113 U  | <0.114 U    | <0.115 U  | <0.114 U  | <0.114 U  | <0.116 U  | <0.114 U  | <0.115 U  | <0.117 U  | <0.114 U  | <0.119 U  | <0.114 UF1 | <0.114 U  | <0.117 U  | <0.113 U  |           |          |
| Dibenzofuran                                             | 0.79                             | NS               | 24.3                        |                  | 1.89      | 4.73        | <0.576 U  | 0.810     | 0.984     | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | 0.127 J    | 5.69      | <0.587 U  | 0.911     |           |          |
| Diethyl phthalate                                        | 1500                             | NS               | 29200                       |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 UF1  | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| Dimethoate                                               | 4.4                              | NS               | NS                          |                  | <2.83 U** | <2.86 U**   | <2.88 U** | <2.85 U** | <2.86 U** | <2.91 U** | <2.84 U** | <2.87 U** | <2.92 U** | <2.84 U** | <2.96 U** | <2.85 U**  | <2.86 U** | <2.94 U** | <2.82 U** |           |          |
| Dimethyl phthalate                                       | NS                               | NS               | 365000                      |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 U    | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| Dimethylphenethylamine                                   | NS                               | NS               | NS                          |                  | <5.66 U*  | <5.71 U*    | <5.76 U   | <5.71 U   | <5.71 U   | <5.82 U   | <5.68 U   | <5.73 U   | <5.83 U   | <5.69 U   | <5.93 U   | <5.71 U*   | <5.72 U   | <5.87 U   | <5.65 U   |           |          |
| Di-n-butyl phthalate                                     | 90                               | NS               | 3650                        |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 U    | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| Di-n-octyl phthalate                                     | 20                               | NS               | 20                          |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 U    | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| Dinoseb                                                  | 1.5                              | 7                | 7                           |                  | <2.83 U** | <2.86 U**   | <2.88 U** | <2.85 U** | <2.86 U** | <2.91 U** | <2.84 U** | <2.87 U** | <2.92 U** | <2.84 U** | <2.96 U** | <2.85 U**  | <2.86 U** | <2.94 U** | <2.82 U** |           |          |
| Diphenyl ether                                           | 0.083                            | NS               | NS                          |                  | 3810      | 10100       | 3.22      | 1680      | 1940      | <0.582 U  | 66.4      | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | 358        | 5440      | <0.587 U  | 1420      |           |          |
| Disulfoton                                               | 0.05                             | NS               | 1.46                        |                  | <2.83 U** | <2.86 U**   | <2.88 U** | <2.85 U** | <2.86 U** | <2.91 U** | <2.84 U** | <2.87 U** | <2.92 U** | <2.84 U** | <2.96 U** | <2.85 U**  | <2.86 U** | <2.94 U** | <2.82 U** |           |          |
| Ethyl Methanesulfonate                                   | NS                               | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Famphur                                                  | NS                               | NS               | NS                          |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 U    | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| Fluoranthene                                             | 80                               | NS               | 1460                        |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Fluorene                                                 | 29                               | NS               | 243                         |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | 0.342 J   | <0.587 U  | <0.565 U  |           |          |
| Hexachloro-1,3-butadiene                                 | 0.14                             | NS               | 0.859                       |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Hexachlorobenzene                                        | 0.0098                           | 1                | 1                           |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Hexachlorocyclopentadiene                                | 0.041                            | 50               | 50                          |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 U    | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| Hexachloroethane                                         | 0.33                             | NS               | 4.78                        |                  | 5.28      | 2.08        | 0.199 J   | 1.86      | 2.43      | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Hexachloropropene                                        | NS                               | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Indeno(1,2,3-cd)pyrene                                   | 0.25                             | NS               | 0.0917                      |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Isophorone                                               | 78                               | NS               | 70.5                        |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Isosafrole                                               | NS                               | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Isosafrole Peak 1                                        | NS                               | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Isosafrole Peak 2                                        | NS                               | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Methapyrilene                                            | NS                               | NS               | NS                          |                  | <2.26 U** | <2.29 U**   | <2.30 U** | <2.28 U** | <2.29 U** | <2.33 U** | <2.27 U** | <2.29 U** | <2.33 U** | <2.28 U** | <2.37 U** | <2.28 U**  | <2.29 U** | <2.35 U** | <2.26 U** |           |          |
| Methyl methanesulfonate                                  | 0.79                             | NS               | NS                          |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| Methyl parathion                                         | 0.45                             | NS               | 9.13                        |                  | <2.83 U** | <2.86 U**   | <2.88 U** | <2.85 U** | <2.86 U** | <2.91 U** | <2.84 U** | <2.87 U** | <2.92 U** | <2.84 U** | <2.96 U** | <2.85 U**  | <2.86 U** | <2.94 U** | <2.82 U** |           |          |
| Naphthalene                                              | 0.12                             | NS               | 6.2                         |                  | 9.52      | 17.0        | <0.576 U  | 4.98      | 6.23      | <0.582 U  | 0.132 J   | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | 1.75      | <0.587 U  | <0.565 U  |           |          |
| Nitrobenzene                                             | 0.14                             | NS               | 3.53                        |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 U   | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| N-Nitrosodiethylamine                                    | 0.00017                          | NS               | 0.000446                    |                  | <1.13 U   | <1.14 U     | <1.15 U   | <1.14 U   | <1.14 U   | <1.16 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.14 U   | <1.19 U   | <1.14 UF1  | <1.14 U   | <1.17 U   | <1.13 U   |           |          |
| N-Nitrosodimethylamine                                   | 0.00011                          | NS               | 0.00131                     |                  | <0.566 U  | <0.571 U    | <0.576 U  | <0.571 U  | <0.571 U  | <0.582 U  | <0.568 U  | <0.573 U  | <0.583 U  | <0.569 U  | <0.593 U  | <0.571 UF1 | <0.572 U  | <0.587 U  | <0.565 U  |           |          |
| N-Nitrosodi-n-butylamine                                 | 0.0027                           | NS               | 0.00189                     |                  | <1.13 U   | <           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-28S      | MW-28D      | MW-29S     | MW-29D     | MW-29D     | MW-30S     | MW-30D     | MW-31S     | MW-31D     | MW-32S     | MW-32D     | MW-33S       | MW-33D     | MW-34SR    | MW-34DR    |           |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|-----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial    | Alluvial    | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial     | Alluvial   | Alluvial   | Alluvial   | Alluvial  | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 7 - 12      | 19.5 - 24.5 | 6 - 16     | 17 - 22    | 17 - 22    | 6 - 16     | 18 - 23    | 6 - 16     | 18 - 23    | 6 - 16     | 17 -22     | 3 - 13       | 19 - 29    | 4 - 14     | 19 - 29    |           |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/7/2025   | 11/7/2025   | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025  | 11/6/2025    | 11/7/2025  | 11/7/2025  | 11/6/2025  | 11/6/2025 |          |
|                                                          |                                  |                  |                             | Program:         | Area #1     | Area #1     | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1    | Area #1      | Area #1    | Area #1    | Area #1    | Area #1   | Area #1  |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |             |             |            |            |            |            |            |            |            |            |            |              |            |            |            |           |          |
| N-Nitrosopyrrolidine                                     | 0.037                            | NS               | 0.0319                      |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U     | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| o,o,o-Triethyl phosphorothioate                          | NS                               | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U     | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| o,o-Diethyl o-pyrazinyl phosphorothioate                 | NS                               | NS               | NS                          |                  | <1.13 U*+   | <1.14 U*+   | <1.15 U    | <1.14 U    | <1.14 U    | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | <1.14 U      | <1.14 U    | <1.17 U    | <1.13 U    |           |          |
| o-Toluidine                                              | 4.7                              | NS               | 0.279                       |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1   | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| Parathion                                                | 8.6                              | NS               | 219                         |                  | <1.13 U*+   | <1.14 U*+   | <1.15 U*+  | <1.14 U*+  | <1.14 U*+  | <1.16 U*+  | <1.14 U*+  | <1.15 U*+  | <1.17 U*+  | <1.14 U*+  | <1.19 U*+  | <1.14 U*+    | <1.14 U*+  | <1.17 U*+  | <1.13 U*+  |           |          |
| p-Chloroaniline                                          | 0.37                             | NS               | 146                         |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1   | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| Pentachlorobenzene                                       | 0.32                             | NS               | 29.2                        |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1   | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| Pentachloronitrobenzene                                  | 0.12                             | NS               | 0.258                       |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U     | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| Pentachlorophenol                                        | 0.041                            | 1                | 1                           |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | 0.435 J    | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U     | 0.433 J    | <0.587 U   | <0.565 U   |           |          |
| Phenacetin                                               | 34                               | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1   | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| Phenanthrene                                             | NS                               | NS               | 1100                        |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1   | 0.329 J    | <0.587 U   | <0.565 U   |           |          |
| Phenol                                                   | 580                              | NS               | 21900                       |                  | 68.2        | 14.4        | <1.15 U    | 3.87       | 2.74       | <1.16 U    | <1.14 U    | <1.15 U    | <1.17 U    | <1.14 U    | <1.19 U    | 0.615 JF1    | 7.02       | <1.17 U    | 3.58       |           |          |
| Phorate                                                  | 0.3                              | NS               | NS                          |                  | <5.66 U*+   | <5.71 U*+   | <5.76 U*+  | <5.71 U*+  | <5.71 U*+  | <5.82 U*+  | <5.68 U*+  | <5.73 U*+  | <5.83 U*+  | <5.69 U*+  | <5.93 U*+  | <5.71 U*+    | <5.72 U*+  | <5.87 U*+  | <5.65 U*+  |           |          |
| p-Phenylenediamine                                       | 2                                | NS               | 6940                        |                  | <5.66 U*-   | <5.71 U*-   | <5.76 U    | <5.71 U    | <5.71 U    | <5.82 U    | <5.68 U    | <5.73 U    | <5.83 U    | <5.69 U    | <5.93 U    | <5.71 UF1    | <5.72 U    | <5.87 U    | <5.65 U    |           |          |
| Propyzamide                                              | 120                              | NS               | NS                          |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 UF1   | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| Pyrene                                                   | 12                               | NS               | 183                         |                  | <0.566 U    | <0.571 U    | <0.576 U   | <0.571 U   | <0.571 U   | <0.582 U   | <0.568 U   | <0.573 U   | <0.583 U   | <0.569 U   | <0.593 U   | <0.571 U     | <0.572 U   | <0.587 U   | <0.565 U   |           |          |
| Pyridine                                                 | 2                                | NS               | 36.5                        |                  | <2.83 U*-*1 | <2.86 U*-*1 | <2.88 U    | <2.85 U    | <2.86 U    | <2.91 U    | <2.84 U    | <2.87 U    | <2.92 U    | <2.84 U    | <2.96 U    | <2.85 UF1    | <2.86 U    | <2.94 U    | <2.82 U    |           |          |
| Safrole                                                  | 0.096                            | NS               | NS                          |                  | <0.566 U*-  | <0.571 U*-  | <0.576 U*- | <0.571 U*- | <0.571 U*- | <0.582 U*- | <0.568 U*- | <0.573 U*- | <0.583 U*- | <0.569 U*- | <0.593 U*- | <0.571 U*-F1 | <0.572 U*- | <0.587 U*- | <0.565 U*- |           |          |
| Sulfotep                                                 | 0.71                             | NS               | NS                          |                  | <1.13 U*+   | <1.14 U*+   | <1.15 U*+  | <1.14 U*+  | <1.14 U*+  | <1.16 U*+  | <1.14 U*+  | <1.15 U*+  | <1.17 U*+  | <1.14 U*+  | <1.19 U*+  | <1.14 U*+    | <1.14 U*+  | <1.17 U*+  | <1.13 U*+  |           |          |
| Delnav; Method 8321A                                     |                                  |                  |                             |                  |             |             |            |            |            |            |            |            |            |            |            |              |            |            |            |           |          |
| Total Dioxathion                                         | NS                               | NS               | 54.80                       |                  | --          | --          | --         | --         | --         | --         | --         | --         | --         | --         | --         | --           | --         | --         | --         |           |          |

Notes on Page 25.



Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                              | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-129-D  | MW-64     | MW-65     | MW-66     | MW-66     | MW-67     | MW-68     | MW-69     | MW-70     | MW-71     | MW-72     | MW-43       | MW-47     | MW-50      |          |
|------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|------------|----------|
|                                                      |                                  |                  |                             | Aquifer:         | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial  | Alluvial    | Alluvial  | Alluvial   | Alluvial |
|                                                      |                                  |                  |                             | Screen (ft bgs): | 17 - 22   | 5 - 15    | 4 - 14    | 5 - 15    | 5 - 15    | 5 - 15    | 4 - 14    | 9 - 14    | 5 - 15    | 4 - 14    | 4 - 14    | 6.5 - 11.25 | 3 - 8     | 12 - 17    |          |
|                                                      |                                  |                  |                             | Sample Date:     | 11/6/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/5/2025 | 11/6/2025   | 11/6/2025 | 11/13/2025 |          |
|                                                      |                                  |                  |                             | Program:         | Area #1   | Area #2   | Area #2   | Area #2   | Area #2   | Area #2   | Area #2   | Area #2   | Area #2   | Area #2   | Area #2   | Area #3     | Area #3   | Poly Pale  |          |
| Volatile Organic Compounds; Method 8260B (continued) |                                  |                  |                             |                  |           |           |           |           |           |           |           |           |           |           |           |             |           |            |          |
| Ethyl Methacrylate                                   | 63                               | NS               | 548                         |                  | <5.00 U*+ | <50.0 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U     | <5.00 U   | <100 U     |          |
| Ethylbenzene                                         | 1.5                              | 700              | 700                         |                  | <1.00 U   | 190       | <1.00 U   | 324       | 286       | 19.0      | 270       | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | <20.0 U    |          |
| Hexane                                               | 150                              | NS               | 350                         |                  | <5.00 U   | 8.04 J    | <5.00 U   | 24.1 J    | 21.1      | 3.81 J    | 5.65 J    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U     | <5.00 U   | <100 U     |          |
| Iodomethane                                          | NS                               | NS               | NS                          |                  | <20.0 U*+ | <200 U    | <20.0 U   | <200 U    | <20.0 U   | <20.0 U   | <200 U    | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U     | <20.0 U   | <400 U     |          |
| Isopropyl alcohol                                    | 41                               | NS               | NS                          |                  | <10.0 U   | <100 U    | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | 209         | <10.0 U   | 464        |          |
| Isopropylbenzene                                     | 45                               | NS               | 679                         |                  | <1.00 U   | 48.7      | <1.00 U   | 21.5      | 21.2      | 15.9      | 19.4      | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | <20.0 U    |          |
| m,p-Xylenes                                          | NS                               | NS               | NS                          |                  | <2.00 U   | 100       | <2.00 U   | 441       | 398       | 19.8      | 355       | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U     | <2.00 U   | <40.0 U    |          |
| Methyl methacrylate                                  | 140                              | NS               | 1420                        |                  | <10.0 U   | <100 U    | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U     | <10.0 U   | <200 U     |          |
| Methyl N-Butyl Ketone (2-Hexanone)                   | 3.8                              | NS               | 1460                        |                  | <50.0 U   | <500 U    | <50.0 U   | <500 U    | <50.0 U   | <50.0 U   | <500 U    | <50.0 U   | 6.97 J    | <50.0 U   | <50.0 U   | <50.0 U     | <50.0 U   | <1000 U    |          |
| Methylacrylonitrile                                  | 0.19                             | NS               | 1.04                        |                  | <10.0 U   | <100 U    | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U     | <10.0 U   | <200 U     |          |
| Methyl-tert-butylether                               | 14                               | NS               | 40                          |                  | <5.00 U   | <50.0 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U     | <5.00 U   | <100 U     |          |
| n-Propylbenzene                                      | 66                               | NS               | 243                         |                  | <1.00 U   | 78.1      | <1.00 U   | 30.3      | 26.8      | 22.3      | 31.3      | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | <20.0 U    |          |
| o-Xylene                                             | 19                               | NS               | 12200                       |                  | <1.00 U   | 7.81 J    | <1.00 U   | 17.4      | 15.5      | 2.61      | 6.24 J    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | <20.0 U    |          |
| Propionitrile                                        | NS                               | NS               | NS                          |                  | <10.0 U   | <100 U    | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U     | <10.0 U   | <200 U     |          |
| Styrene (Monomer)                                    | 120                              | 100              | 100                         |                  | <1.00 U   | <10.0 U   | <1.00 U   | <10.0 U   | <1.00 U   | <1.00 U   | <10.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | <20.0 U    |          |
| Tetrachloroethene                                    | 4.1                              | 5                | 5                           |                  | <1.00 U   | <10.0 U   | <1.00 U   | <10.0 U   | <1.00 U   | <1.00 U   | <10.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | <20.0 U    |          |
| Tetrahydrofuran                                      | 340                              | NS               | NS                          |                  | <10.0 U   | <100 U    | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U     | <10.0 U   | 1300       |          |
| Toluene                                              | 110                              | 1000             | 1000                        |                  | <1.00 U   | 34.3      | <1.00 U   | 42.4      | 36.8      | 3.44      | 18.8      | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | 86.0       |          |
| Total Xylenes                                        | 19                               | 10000            | 10000                       |                  | <2.00 U   | 108       | <2.00 U   | 458       | 415       | 22.4      | 361       | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U     | <2.00 U   | <40.0 U    |          |
| trans-1,2-Dichloroethene                             | 6.8                              | 100              | 100                         |                  | <1.00 U   | <10.0 U   | <1.00 U   | <10.0 U   | <1.00 U   | <1.00 U   | <10.0 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U     | <1.00 U   | <20.0 U    |          |
| trans-1,3-Dichloropropene                            | NS                               | NS               | NS                          |                  | <5.00 U   | <50.0 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U     | <5.00 U   | <100 U     |          |
| trans-1,4-Dichloro-2-butene                          | 0.0013                           | NS               | NS                          |                  | <10.0 U   | <100 U    | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <100 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U     | <10.0 U   | <200 U     |          |
| Trichloroethene                                      | 0.28                             | 5                | 5                           |                  | <5.00 U   | <50.0 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <50.0 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U     | <5.00 U   | <100 U     |          |
| Vinyl acetate                                        | 41                               | NS               | 412                         |                  | <20.0 U   | <200 U    | <20.0 U   | <200 U    | <20.0 U   | <20.0 U   | <200 U    | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U     | <20.0 U   | <400 U     |          |
| Vinyl chloride                                       | 0.019                            | 2                | 2                           |                  | <2.00 U   | <20.0 U   | <2.00 U   | <20.0 U   | <2.00 U   | <2.00 U   | <20.0 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U     | <2.00 U   | <40.0 U    |          |
| Semivolatile Organic Compounds; Method 8270D         |                                  |                  |                             |                  |           |           |           |           |           |           |           |           |           |           |           |             |           |            |          |
| 1,1-Biphenyl                                         | 0.083                            | NS               | 304                         |                  | <0.447 U  | 0.595     | <0.576 U  | 2.15      | 1.93      | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | 3680       |          |
| 1,2,4,5-Tetrachlorobenzene                           | 0.017                            | NS               | 11                          |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 1,2,4-Trichlorobenzene                               | 0.4                              | 70               | 70                          |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 1,2-Dichlorobenzene                                  | 30                               | 600              | 600                         |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | 0.171 J   | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | 0.233 J    |          |
| 1,3,5-Trinitrobenzene                                | 59                               | NS               | 1100                        |                  | <0.895 U  | <1.15 U*1 | <1.15 U*1 | <1.12 U*1 | <1.14 U*1 | <1.14 U*1 | <1.13 U*1 | <1.14 U*1 | <1.14 U*1 | <1.15 U*1 | <1.17 U*1 | <1.15 U*1   | <1.16 U*1 | <1.13 U    |          |
| 1,3-Dichlorobenzene                                  | NS                               | NS               | 5.48                        |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 1,3-Dinitrobenzene                                   | 0.2                              | NS               | 3.65                        |                  | <0.895 U  | <1.15 U   | <1.15 U   | <1.12 U   | <1.14 U   | <1.14 U   | <1.13 U   | <1.14 U   | <1.14 U   | <1.15 U   | <1.17 U   | <1.15 U     | <1.16 U   | <1.13 U    |          |
| 1,4-Dichlorobenzene                                  | 0.48                             | 75               | 75                          |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 1,4-Dioxane                                          | 0.46                             | NS               | 6.09                        |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | 3.65        | 8.84      | 3.53       |          |
| 1,4-Naphthoquinone                                   | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 1-Naphthylamine                                      | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 2,2-Oxybis(1-Chloropropane)                          | 71                               | NS               | NS                          |                  | <2.24 U   | <2.87 U   | <2.88 U   | <2.81 U   | <2.86 U   | <2.85 U   | <2.84 U   | <2.86 U   | <2.86 U   | <2.87 U   | <2.92 U   | <2.87 U     | <2.90 U   | <2.83 U    |          |
| 2,3,4,6-Tetrachlorophenol                            | 24                               | NS               | 1100                        |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 2,4,5-Trichlorophenol                                | 120                              | NS               | 3650                        |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 2,4,6-Trichlorophenol                                | 1.2                              | NS               | 6.09                        |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 2,4-Dichlorophenol                                   | 4.6                              | NS               | 110                         |                  | <0.447 U  | <0.574 U  | <0.576 U  | <0.562 U  | <0.572 U  | <0.570 U  | <0.567 U  | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 2,4-Dimethylphenol                                   | 36                               | NS               | 730                         |                  | <0.447 U  | 0.488 J   | <0.576 U  | 0.750     | 0.727     | 0.128 JI  | 1.07      | <0.571 U  | <0.572 U  | <0.573 U  | <0.584 U  | <0.575 U    | <0.580 U  | <0.567 U   |          |
| 2,4-Dinitrophenol                                    | 3.9                              | NS               | 73                          |                  | <4.47 U   | <5.74 U   | <5.76 U   | <5.62 U   | <5.72 U   | <5.70 U   | <5.67 U   | <5.71 U   | <5.72 U   | <5.73 U   | <5.84 U   | <5.75 U     | <5.80 U   | <5.67 U    |          |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-129-D  | MW-64        | MW-65        | MW-66        | MW-66        | MW-67        | MW-68        | MW-69        | MW-70        | MW-71        | MW-72        | MW-43        | MW-47        | MW-50      |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial  | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial     | Alluvial   | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 17 - 22   | 5 - 15       | 4 - 14       | 5 - 15       | 5 - 15       | 5 - 15       | 4 - 14       | 9 - 14       | 5 - 15       | 4 - 14       | 4 - 14       | 6.5 - 11.25  | 3 - 8        | 12 - 17    |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/6/2025 | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/5/2025    | 11/6/2025    | 11/6/2025    | 11/13/2025 |          |          |
|                                                          |                                  |                  |                             | Program:         | Area #1   | Area #2      | Area #2      | Area #2      | Area #2      | Area #2      | Area #2      | Area #2      | Area #2      | Area #2      | Area #2      | Area #3      | Area #3      | Poly Pale  |          |          |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |           |              |              |              |              |              |              |              |              |              |              |              |              |            |          |          |
| 2,4-Dinitrotoluene                                       | 0.24                             | NS               | 73                          |                  | <0.895 U  | <1.15 U      | <1.15 U      | <1.12 U      | <1.14 U      | <1.14 U      | <1.13 U      | <1.14 U      | <1.14 U      | <1.15 U      | <1.17 U      | <1.15 U      | <1.16 U      | <1.13 U*+  |          |          |
| 2,6-Dichlorophenol                                       | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U     | <0.576 U     | 0.150 J      | 0.143 J      | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 2,6-Dinitrotoluene                                       | 0.049                            | NS               | 36.5                        |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 2-Acetylaminofluorene                                    | 0.016                            | NS               | NS                          |                  | <2.24 U   | <2.87 U*     | <2.88 U*     | <2.81 U*     | <2.86 U*     | <2.85 U*     | <2.84 U*     | <2.86 U*     | <2.86 U*     | <2.87 U*     | <2.92 U*     | <2.87 U*     | <2.90 U*     | <2.83 U*+  |          |          |
| 2-Chloronaphthalene                                      | 75                               | NS               | 487                         |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 2-Chlorophenol                                           | 9.1                              | NS               | 30.4                        |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 2-Methyl-4,6-dinitrophenol                               | 0.15                             | NS               | NS                          |                  | <2.24 U   | <2.87 U      | <2.88 U      | <2.81 U      | <2.86 U      | <2.85 U      | <2.84 U      | <2.86 U      | <2.86 U      | <2.87 U      | <2.92 U      | <2.87 U      | <2.90 U      | <2.83 U    |          |          |
| 2-Methylnaphthalene                                      | 3.6                              | NS               | 122                         |                  | <0.447 U  | 91.3         | <0.576 U     | 56.0 J       | 48.7 J       | 34.8 J       | 60.0         | 1.11         | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | 1.88       |          |          |
| 2-Methylphenol                                           | 93                               | NS               | 1830                        |                  | <0.447 U  | <0.574 U     | <0.576 U     | 0.261 J      | 0.236 J      | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | 0.521 JI   |          |          |
| 2-Naphthylamine                                          | 0.039                            | NS               | NS                          |                  | <0.447 U  | <0.574 U*1   | <0.576 U*1   | <0.562 U*1   | <0.572 U*1   | <0.570 U*1   | <0.567 U*1   | <0.571 U*1   | <0.572 U*1   | <0.573 U*1   | <0.584 U*1   | <0.575 U*1   | <0.580 U*1   | <0.567 U   |          |          |
| 2-Nitroaniline                                           | 19                               | NS               | 0.417                       |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | 2.20       |          |          |
| 2-Nitrophenol                                            | NS                               | NS               | 0.416                       |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 2-Picoline                                               | NS                               | NS               | NS                          |                  | <0.895 U  | <1.15 U*~*1  | <1.15 U*~*1  | <1.12 U*~*1  | <1.14 U*~*1  | <1.14 U*~*1  | <1.13 U*~*1  | <1.14 U*~*1  | <1.14 U*~*1  | <1.15 U*~*1  | <1.17 U*~*1  | <1.15 U*~*1  | <1.16 U*~*1  | <1.13 U    |          |          |
| 3,3-Dichlorobenzidine                                    | 0.13                             | NS               | 0.149                       |                  | <0.895 U  | <1.15 U      | <1.15 U      | <1.12 U      | <1.14 U      | <1.14 U      | <1.13 U      | <1.14 U      | <1.14 U      | <1.15 U      | <1.17 U      | <1.15 U      | <1.16 U      | <1.13 U    |          |          |
| 3,3-Dimethylbenzidine                                    | 0.0021                           | NS               | 0.00728                     |                  | <0.447 U  | <0.574 U*~*1 | <0.576 U*~*1 | <0.562 U*~*1 | <0.572 U*~*1 | <0.570 U*~*1 | <0.567 U*~*1 | <0.571 U*~*1 | <0.572 U*~*1 | <0.573 U*~*1 | <0.584 U*~*1 | <0.575 U*~*1 | <0.580 U*~*1 | <0.567 U   |          |          |
| 3-Methylchloranthrene                                    | 0.0011                           | NS               | NS                          |                  | <0.447 U  | <0.574 U*    | <0.576 U*    | <0.562 U*    | <0.572 U*    | <0.570 U*    | <0.567 U*    | <0.571 U*    | <0.572 U*    | <0.573 U*    | <0.584 U*    | <0.575 U*    | <0.580 U*    | <0.567 U   |          |          |
| 3-Methylphenol, 4-Methylphenol                           | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | 2.77       |          |          |
| 3-Nitroaniline                                           | NS                               | NS               | NS                          |                  | <0.895 U  | <1.15 U      | <1.15 U      | <1.12 U      | <1.14 U      | <1.14 U      | <1.13 U      | <1.14 U      | <1.14 U      | <1.15 U      | <1.17 U      | <1.15 U      | <1.16 U      | <1.13 U    |          |          |
| 4-Aminobiphenyl                                          | 0.003                            | NS               | NS                          |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 4-Bromophenyl phenyl ether                               | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 4-Chloro-3-Methylphenol                                  | 140                              | NS               | 73000                       |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 4-Chlorophenyl phenyl ether                              | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 4-Dimethylaminoazobenzene                                | 0.005                            | NS               | NS                          |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| 4-Nitroaniline                                           | 3.8                              | NS               | NS                          |                  | <0.895 U  | <1.15 U      | <1.15 U      | <1.12 U      | <1.14 U      | <1.14 U      | <1.13 U      | <1.14 U      | <1.14 U      | <1.15 U      | <1.17 U      | <1.15 U      | <1.16 U      | <1.13 U    |          |          |
| 4-Nitroquinoline-N-Oxide                                 | NS                               | NS               | NS                          |                  | <0.895 U  | <1.15 U      | <1.15 U      | <1.12 U      | <1.14 U      | <1.14 U      | <1.13 U      | <1.14 U      | <1.14 U      | <1.15 U      | <1.17 U      | <1.15 U      | <1.16 U      | <1.13 U    |          |          |
| 5-Nitro-o-Toluidine                                      | 8.2                              | NS               | 2.03                        |                  | <0.895 U  | <1.15 U      | <1.15 U      | <1.12 U      | <1.14 U      | <1.14 U      | <1.13 U      | <1.14 U      | <1.14 U      | <1.15 U      | <1.17 U      | <1.15 U      | <1.16 U      | <1.13 U    |          |          |
| 7,12-Dimethylbenz(a)anthracene                           | 0.0001                           | NS               | NS                          |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| Acenaphthene                                             | 53                               | NS               | 365                         |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | 0.129 J      | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| Acenaphthylene                                           | NS                               | NS               | 2190                        |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| Acetophenone <sup>(1)</sup>                              | 190                              | NS               | NS                          |                  | <0.895 U  | <1.15 U*     | <1.15 U*     | <1.12 U*     | <1.14 U*     | <1.14 U*     | <1.13 U*     | <1.14 U*     | <1.14 U*     | <1.15 U*     | <1.17 U*     | <1.15 U*     | <1.16 U*     | 1.05 J     |          |          |
| Aniline                                                  | 13                               | NS               | 11.7                        |                  | <0.895 U  | <1.15 U*~*1  | <1.15 U*~*1  | <1.12 U*~*1  | <1.14 U*~*1  | <1.14 U*~*1  | <1.13 U*~*1  | <1.14 U*~*1  | <1.14 U*~*1  | <1.15 U*~*1  | <1.17 U*~*1  | <1.15 U*~*1  | <1.16 U*~*1  | <1.13 U    |          |          |
| Anthracene                                               | 180                              | NS               | 43.4                        |                  | <0.447 U  | <0.574 U     | <0.576 U     | <0.562 U     | <0.572 U     | <0.570 U     | <0.567 U     | <0.571 U     | <0.572 U     | <0.573 U     | <0.584 U     | <0.575 U     | <0.580 U     | <0.567 U   |          |          |
| Aramite                                                  | 1.3                              | NS               | NS                          |                  | <0.447 U* | <0.574 U*    | <0.576 U*    | <0.562 U*    | <0.572 U*    | <0.570 U*    | <0.567 U*    | <0.571 U*    | <0.572 U*    | <0.573 U*    | <0.584 U*    | <0.575 U*    | <0.580 U*    | <0.567 U   |          |          |
| Aramite Peak 1                                           | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U*    | <0.576 U*    | <0.562 U*    | <0.572 U*    | <0.570 U*    | <0.567 U*    | <0.571 U*    | <0.572 U*    | <0.573 U*    | <0.584 U*    | <0.575 U*    | <0.580 U*    | <0.567 U   |          |          |
| Aramite Peak 2                                           | NS                               | NS               | NS                          |                  | <0.447 U  | <0.574 U*    | <0.576 U*    | <0.562 U*    | <0.572 U*    | <0.570 U*    | <0.567 U*    | <0.571 U*    | <0.572 U*    | <0.573 U*    | <0.584 U*    | <0.575 U*    | <0.580 U*    | <0.567 U   |          |          |
| Benz(a)anthracene                                        | 0.03                             | NS               | 0.0917                      |                  | <0.224 U  | <0.287 U     | <0.288 U     | <0.281 U     | <0.286 U     | <0.285 U     | <0.284 U     | <0.286 U     | <0.286 U     | <0.287 U     | <0.292 U     | <0.287 U     | <0.290 U     | <0.283 U   |          |          |
| Benzo(a)pyrene                                           | 0.025                            | 0.2              | 0.2                         |                  | <0.224 U  | <0.287 U     | <0.288 U     | <0.281 U     | <0.286 U     | <0.285 U     | <0.284 U     | <0.286 U     | <0.286 U     | <0.287 U     | <0.292 U     | <0.287 U     | <0.290 U     | <0.283 U   |          |          |
| Benzo(b)fluoranthene                                     | 0.25                             | NS               | 0.0917                      |                  | <0.447 U  | <0.57        |              |              |              |              |              |              |              |              |              |              |              |            |          |          |

Notes on Page 25.







Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-129-D   | MW-64       | MW-65       | MW-66       | MW-66       | MW-67      | MW-68       | MW-69       | MW-70       | MW-71       | MW-72       | MW-43       | MW-47       | MW-50      |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial    | Alluvial    | Alluvial    | Alluvial    | Alluvial   | Alluvial    | Alluvial    | Alluvial    | Alluvial    | Alluvial    | Alluvial    | Alluvial    | Alluvial   | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 17 - 22    | 5 - 15      | 4 - 14      | 5 - 15      | 5 - 15      | 5 - 15     | 4 - 14      | 9 - 14      | 5 - 15      | 4 - 14      | 4 - 14      | 6.5 - 11.25 | 3 - 8       | 12 - 17    |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/6/2025  | 11/5/2025   | 11/5/2025   | 11/5/2025   | 11/5/2025   | 11/5/2025  | 11/5/2025   | 11/5/2025   | 11/5/2025   | 11/5/2025   | 11/5/2025   | 11/6/2025   | 11/6/2025   | 11/13/2025 |          |
|                                                          |                                  |                  |                             | Program:         | Area #1    | Area #2     | Area #2     | Area #2     | Area #2     | Area #2    | Area #2     | Area #2     | Area #2     | Area #2     | Area #2     | Area #3     | Area #3     | Poly Pale  |          |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |            |             |             |             |             |            |             |             |             |             |             |             |             |            |          |
| N-Nitrosopyrrolidine                                     | 0.037                            | NS               | 0.0319                      |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | <0.567 U   |          |
| o,o,o-Triethyl phosphorothioate                          | NS                               | NS               | NS                          |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | <0.567 U   |          |
| o,o-Diethyl o-pyrazinyl phosphorothioate                 | NS                               | NS               | NS                          |                  | <0.895 U   | <1.15 U     | <1.15 U     | <1.12 U     | <1.14 U     | <1.14 U    | <1.13 U     | <1.14 U     | <1.14 U     | <1.15 U     | <1.17 U     | <1.15 U     | <1.16 U     | <1.13 U**  |          |
| o-Toluidine                                              | 4.7                              | NS               | 0.279                       |                  | <0.447 U   | <0.574 U**1 | <0.576 U**1 | <0.562 U**1 | <0.572 U**1 | 0.665 **1  | <0.567 U**1 | <0.571 U**1 | <0.572 U**1 | <0.573 U**1 | <0.584 U**1 | <0.575 U**1 | <0.580 U**1 | <0.567 U   |          |
| Parathion                                                | 8.6                              | NS               | 219                         |                  | <0.895 U** | <1.15 U**   | <1.15 U**   | <1.12 U**   | <1.14 U**   | <1.14 U**  | <1.13 U**   | <1.14 U**   | <1.14 U**   | <1.15 U**   | <1.17 U**   | <1.15 U**   | <1.16 U**   | <1.13 U**  |          |
| p-Chloroaniline                                          | 0.37                             | NS               | 146                         |                  | <0.447 U   | <0.574 U*1  | <0.576 U*1  | <0.562 U*1  | <0.572 U*1  | <0.570 U*1 | <0.567 U*1  | <0.571 U*1  | <0.572 U*1  | <0.573 U*1  | <0.584 U*1  | <0.575 U*1  | <0.580 U*1  | <0.567 U   |          |
| Pentachlorobenzene                                       | 0.32                             | NS               | 29.2                        |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | <0.567 U   |          |
| Pentachloronitrobenzene                                  | 0.12                             | NS               | 0.258                       |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | <0.567 U   |          |
| Pentachlorophenol                                        | 0.041                            | 1                | 1                           |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | <0.567 U   |          |
| Phenacetin                                               | 34                               | NS               | NS                          |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | <0.567 U   |          |
| Phenanthrene                                             | NS                               | NS               | 1100                        |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | 0.122 J    |          |
| Phenol                                                   | 580                              | NS               | 21900                       |                  | <0.895 U   | 1.43        | <1.15 U     | <1.12 U     | <1.14 U     | <1.14 U    | 1.33 I      | 7.61        | <1.14 U     | <1.15 U     | <1.17 U     | <1.15 U     | <1.16 U     | 3.01       |          |
| Phorate                                                  | 0.3                              | NS               | NS                          |                  | <4.47 U**  | <5.74 U**   | <5.76 U**   | <5.62 U**   | <5.72 U**   | <5.70 U**  | <5.67 U**   | <5.71 U**   | <5.72 U**   | <5.73 U**   | <5.84 U**   | <5.75 U**   | <5.80 U**   | <5.67 U**  |          |
| p-Phenylenediamine                                       | 2                                | NS               | 6940                        |                  | <4.47 U    | <5.74 U*1   | <5.76 U*1   | <5.62 U*1   | <5.72 U*1   | <5.70 U*1  | <5.67 U*1   | <5.71 U*1   | <5.72 U*1   | <5.73 U*1   | <5.84 U*1   | <5.75 U*1   | <5.80 U*1   | <5.67 U    |          |
| Propyzamide                                              | 120                              | NS               | NS                          |                  | <0.447 U   | <0.574 U*-  | <0.576 U*-  | <0.562 U*-  | <0.572 U*-  | <0.570 U*- | <0.567 U*-  | <0.571 U*-  | <0.572 U*-  | <0.573 U*-  | <0.584 U*-  | <0.575 U*-  | <0.580 U*-  | <0.567 U   |          |
| Pyrene                                                   | 12                               | NS               | 183                         |                  | <0.447 U   | <0.574 U    | <0.576 U    | <0.562 U    | <0.572 U    | <0.570 U   | <0.567 U    | <0.571 U    | <0.572 U    | <0.573 U    | <0.584 U    | <0.575 U    | <0.580 U    | <0.567 U   |          |
| Pyridine                                                 | 2                                | NS               | 36.5                        |                  | <2.24 U    | <2.87 U*-   | <2.88 U*-   | <2.81 U*-   | <2.86 U*-   | <2.85 U*-  | <2.84 U*-   | <2.86 U*-   | <2.86 U*-   | <2.87 U*-   | <2.92 U*-   | <2.87 U*-   | <2.90 U*-   | <2.83 U    |          |
| Safrole                                                  | 0.096                            | NS               | NS                          |                  | <0.447 U*- | <0.574 U*-  | <0.576 U*-  | <0.562 U*-  | <0.572 U*-  | <0.570 U*- | <0.567 U*-  | <0.571 U*-  | <0.572 U*-  | <0.573 U*-  | <0.584 U*-  | <0.575 U*-  | <0.580 U*-  | <0.567 U   |          |
| Sulfotep                                                 | 0.71                             | NS               | NS                          |                  | <0.895 U** | <1.15 U**   | <1.15 U**   | <1.12 U**   | <1.14 U**   | <1.14 U**  | <1.13 U**   | <1.14 U**   | <1.14 U**   | <1.15 U**   | <1.17 U**   | <1.15 U**   | <1.16 U**   | <1.13 U**  |          |
| Delnav; Method 8321A                                     |                                  |                  |                             |                  |            |             |             |             |             |            |             |             |             |             |             |             |             |            |          |
| Total Dioxathion                                         | NS                               | NS               | 54.80                       |                  | --         | --          | --          | --          | --          | --         | --          | --          | --          | --          | --          | --          | --          | --         |          |

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Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-52S     | MW-52D     | MW-54      | MW-73      | MW-73      | MW-75      |
|------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|
|                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   |
|                                          |                                  |                  |                             | Screen (ft bgs): | 8 - 13     | 13 - 18    | 9 - 14     | 10 - 20    | 10 - 20    | 6 - 16     |
|                                          |                                  |                  |                             | Sample Date:     | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 |
|                                          |                                  |                  |                             | Program:         | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  |
| Volatile Organic Compounds; Method 8260B |                                  |                  |                             |                  |            |            |            |            | Duplicate  |            |
| 1,1,1,2-Tetrachloroethane                | 0.57                             | NS               | 0.406                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,1,1-Trichloroethane                    | 800                              | 200              | 200                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| 1,1,2,2-Tetrachloroethane                | 0.076                            | NS               | 0.0527                      |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,1,2-trichloro-1,2,2-trifluoroethane    | 1000                             | NS               | 59400                       |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | <100 U     | <10.0 U    |
| 1,1,2-Trichloroethane                    | 0.041                            | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,1-Dichloroethane                       | 2.8                              | NS               | 798                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,1-Dichloroethene                       | 0.82                             | 7                | 7                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,2,3-Trichloropropane                   | 0.00075                          | NS               | 0.00623                     |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,2,4-Trimethylbenzene                   | 5.6                              | NS               | 12.3                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,2-Dibromo-3-chloropropane              | 0.00033                          | 0.2              | 0.2                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| 1,2-Dibromoethane                        | 0.0075                           | 0.05             | 0.05                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| 1,2-Dichloroethane                       | 0.17                             | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | 1400       | <1.00 U    |
| 1,2-Dichloropropane                      | 0.82                             | 5                | 5                           |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| 1,3,5-Trimethylbenzene                   | 6                                | NS               | 12.3                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 1,3-Butadiene                            | 0.071                            | NS               | 0.00696                     |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| 2,2,4-Trimethylpentane                   | NS                               | NS               | NS                          |                  | <5.00 U    | 0.599 J    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| 2-Butanone (MEK)                         | 560                              | NS               | 1910                        |                  | <50.0 U    | <50.0 U    | <50.0 U    | <25000 U   | <500 U     | <50.0 U    |
| 2-Chlor-1,3-Butadiene                    | 0.0068                           | NS               | 14.3                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| 2-Methyl-1-propanol                      | 73                               | NS               | 1830                        |                  | <50.0 U    | <50.0 U    | <50.0 U    | <25000 U   | <500 U     | <50.0 U    |
| 4-Methyl-2-Pentanone                     | 630                              | NS               | NS                          |                  | <50.0 U    | <50.0 U    | <50.0 U    | <25000 U   | 63.6 J     | <50.0 U    |
| Acetone                                  | 1800                             | NS               | 608                         |                  | 7.68 J     | 6.16 J     | <100 U     | <50000 U   | 460 J      | <100 U     |
| Acetonitrile                             | 13                               | NS               | 125                         |                  | <100 U     | <100 U     | <100 U     | <50000 U   | <1000 U    | <100 U     |
| Acrolein                                 | 0.0042                           | NS               | 0.0416                      |                  | <50.0 U    | <50.0 U    | <50.0 U    | <25000 U   | <500 U     | <50.0 U    |
| Acrylonitrile                            | 0.052                            | NS               | 0.0367                      |                  | <50.0 U    | <50.0 U    | <50.0 U    | <25000 U   | <500 U     | <50.0 U    |
| Allyl chloride                           | 0.21                             | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Benzene                                  | 0.46                             | 5                | 5                           |                  | 31.3       | 6.72       | <1.00 U    | 53300      | 59500      | <1.00 U    |
| Benzyl Chloride                          | 0.089                            | NS               | 0.0621                      |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Bromodichloromethane                     | 0.13                             | 80               | 0.168                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Bromoform                                | 3.3                              | 80               | 8.48                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Bromomethane                             | 0.75                             | NS               | 8.52                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Carbon Disulfide                         | 81                               | NS               | 1040                        |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Carbon Tetrachloride                     | 0.46                             | 5                | 5                           |                  | <2.00 U    | <2.00 U    | <2.00 U    | <1000 U    | <20.0 U    | <2.00 U    |
| CFC-11                                   | 520                              | NS               | 1290                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| CFC-12                                   | 20                               | NS               | 348                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Chlorobenzene                            | 7.8                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | 42.7       | <1.00 U    |
| Chlorodibromomethane                     | 0.87                             | 80               | 0.126                       |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Chloroethane                             | 830                              | NS               | 3.64                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | <100 U     | <10.0 U    |
| Chloroform                               | 0.22                             | 80               | 0.155                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Chloromethane                            | 19                               | NS               | 1.43                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | <100 U     | <10.0 U    |
| cis-1,2-Dichloroethene                   | 2.5                              | 70               | 70                          |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| cis-1,3-Dichloropropene                  | NS                               | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Cyclohexane                              | 1300                             | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Dibromomethane                           | 0.83                             | NS               | 60.8                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Dichloromethane                          | 11                               | 5                | 5                           |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |

| MW-39                    | MW-79                    | MW-85                    | MW-86                    | MW-87                    |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Alluvial                 | Alluvial                 | Alluvial                 | Alluvial                 | Alluvial                 |
| 5 - 10                   | 3.5 - 13.5               | 3 - 13                   | 5 - 15                   | 5 - 15                   |
| 11/5/2025                | 11/5/2025                | 11/5/2025                | 11/5/2025                | 11/5/2025                |
| Northeast<br>Delineation | Northeast<br>Delineation | Northeast<br>Delineation | Northeast<br>Delineation | Northeast<br>Delineation |
|                          |                          |                          |                          |                          |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <100 U                   | <100 U                   | <100 U                   | <100 U                   | <100 U                   |
| <100 U                   | <100 U                   | <100 U                   | <100 U                   | <100 U                   |
| <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  |
| <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| 5.09                     | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| 9.98                     | 8.70                     | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U*                 | <5.00 U*                 | <5.00 U*                 | <5.00 U*                 | <5.00 U*                 |

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Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                              | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-52S     | MW-52D     | MW-54      | MW-73      | MW-73      | MW-75      |
|------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|
|                                                      |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   |
|                                                      |                                  |                  |                             | Screen (ft bgs): | 8 - 13     | 13 - 18    | 9 - 14     | 10 - 20    | 10 - 20    | 6 - 16     |
|                                                      |                                  |                  |                             | Sample Date:     | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 |
|                                                      |                                  |                  |                             | Program:         | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  |
| Volatile Organic Compounds; Method 8260B (continued) |                                  |                  |                             |                  |            |            |            |            |            |            |
| Ethyl Methacrylate                                   | 63                               | NS               | 548                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Ethylbenzene                                         | 1.5                              | 700              | 700                         |                  | 0.601 J    | 1.02       | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Hexane                                               | 150                              | NS               | 350                         |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Iodomethane                                          | NS                               | NS               | NS                          |                  | <20.0 U    | <20.0 U    | <20.0 U    | <10000 U   | <200 U     | <20.0 U    |
| Isopropyl alcohol                                    | 41                               | NS               | NS                          |                  | 10.2       | 12.7       | <10.0 U    | <5000 U    | 396        | <10.0 U    |
| Isopropylbenzene                                     | 45                               | NS               | 679                         |                  | 6.77       | 9.54       | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| m,p-Xylenes                                          | NS                               | NS               | NS                          |                  | <2.00 U    | <2.00 U    | <2.00 U    | <1000 U    | <20.0 U    | <2.00 U    |
| Methyl methacrylate                                  | 140                              | NS               | 1420                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | <100 U     | <10.0 U    |
| Methyl N-Butyl Ketone (2-Hexanone)                   | 3.8                              | NS               | 1460                        |                  | <50.0 U    | <50.0 U    | <50.0 U    | <25000 U   | <500 U     | <50.0 U    |
| Methylacrylonitrile                                  | 0.19                             | NS               | 1.04                        |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | <100 U     | <10.0 U    |
| Methyl-tert-butylether                               | 14                               | NS               | 40                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| n-Propylbenzene                                      | 66                               | NS               | 243                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| o-Xylene                                             | 19                               | NS               | 12200                       |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Propionitrile                                        | NS                               | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | <100 U     | <10.0 U    |
| Styrene (Monomer)                                    | 120                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Tetrachloroethene                                    | 4.1                              | 5                | 5                           |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| Tetrahydrofuran                                      | 340                              | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | 958        | <10.0 U    |
| Toluene                                              | 110                              | 1000             | 1000                        |                  | <1.00 U    | <1.00 U    | <1.00 U    | 624        | 609        | <1.00 U    |
| Total Xylenes                                        | 19                               | 10000            | 10000                       |                  | <2.00 U    | <2.00 U    | <2.00 U    | <1000 U    | <20.0 U    | <2.00 U    |
| trans-1,2-Dichloroethene                             | 6.8                              | 100              | 100                         |                  | <1.00 U    | <1.00 U    | <1.00 U    | <500 U     | <10.0 U    | <1.00 U    |
| trans-1,3-Dichloropropene                            | NS                               | NS               | NS                          |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| trans-1,4-Dichloro-2-butene                          | 0.0013                           | NS               | NS                          |                  | <10.0 U    | <10.0 U    | <10.0 U    | <5000 U    | <100 U     | <10.0 U    |
| Trichloroethene                                      | 0.28                             | 5                | 5                           |                  | <5.00 U    | <5.00 U    | <5.00 U    | <2500 U    | <50.0 U    | <5.00 U    |
| Vinyl acetate                                        | 41                               | NS               | 412                         |                  | <20.0 U    | <20.0 U    | <20.0 U    | <10000 U   | <200 U     | <20.0 U    |
| Vinyl chloride                                       | 0.019                            | 2                | 2                           |                  | <2.00 U    | <2.00 U    | <2.00 U    | <1000 U    | <20.0 U    | <2.00 U    |
| Semivolatile Organic Compounds; Method 8270D         |                                  |                  |                             |                  |            |            |            |            |            |            |
| 1,1-Biphenyl                                         | 0.083                            | NS               | 304                         |                  | 3.97       | 21.8       | <0.572 U   | 2360       | 1860       | 0.330 J    |
| 1,2,4,5-Tetrachlorobenzene                           | 0.017                            | NS               | 11                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 1,2,4-Trichlorobenzene                               | 0.4                              | 70               | 70                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 1,2-Dichlorobenzene                                  | 30                               | 600              | 600                         |                  | <0.565 U   | <0.567 U   | <0.572 U   | 0.142 J    | 0.161 JI   | <0.571 U   |
| 1,3,5-Trinitrobenzene                                | 59                               | NS               | 1100                        |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 1,3-Dichlorobenzene                                  | NS                               | NS               | 5.48                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 1,3-Dinitrobenzene                                   | 0.2                              | NS               | 3.65                        |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 1,4-Dichlorobenzene                                  | 0.48                             | 75               | 75                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 1,4-Dioxane                                          | 0.46                             | NS               | 6.09                        |                  | 0.552 J    | 0.638 I    | <0.572 U   | 2.34 I     | 2.12 I     | <0.571 U   |
| 1,4-Naphthoquinone                                   | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 1-Naphthylamine                                      | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2,2-Oxybis(1-Chloropropane)                          | 71                               | NS               | NS                          |                  | <2.82 U    | <2.84 U    | <2.86 U    | <2.87 U    | <2.84 U    | <2.86 U    |
| 2,3,4,6-Tetrachlorophenol                            | 24                               | NS               | 1100                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2,4,5-Trichlorophenol                                | 120                              | NS               | 3650                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2,4,6-Trichlorophenol                                | 1.2                              | NS               | 6.09                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2,4-Dichlorophenol                                   | 4.6                              | NS               | 110                         |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2,4-Dimethylphenol                                   | 36                               | NS               | 730                         |                  | <0.565 U   | <0.567 U   | <0.572 U   | 1.56 I     | <0.569 U   | <0.571 U   |
| 2,4-Dinitrophenol                                    | 3.9                              | NS               | 73                          |                  | <5.65 U    | <5.67 U    | <5.72 U    | <5.75 U    | <5.69 U    | <5.71 U    |

| MW-39                    | MW-79                    | MW-85                    | MW-86                    | MW-87                    |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Alluvial                 | Alluvial                 | Alluvial                 | Alluvial                 | Alluvial                 |
| 5 - 10                   | 3.5 - 13.5               | 3 - 13                   | 5 - 15                   | 5 - 15                   |
| 11/5/2025                | 11/5/2025                | 11/5/2025                | 11/5/2025                | 11/5/2025                |
| Northeast<br>Delineation | Northeast<br>Delineation | Northeast<br>Delineation | Northeast<br>Delineation | Northeast<br>Delineation |
|                          |                          |                          |                          |                          |
| <5.00 U*+                | <5.00 U*+                | <5.00 U*+                | <5.00 U*+                | <5.00 U*+                |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| <20.0 U                  | <20.0 U                  | <20.0 U                  | <20.0 U                  | <20.0 U                  |
| <10.0 U                  | <b>11.1</b>              | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <b>2.11</b>              | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  | <50.0 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <5.00 U                  | <5.00 U                  | <5.00 U                  | <b>1.66 J</b>            | <5.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  |
| <2.00 U                  | <b>1.39 J</b>            | <2.00 U                  | <2.00 U                  | <2.00 U                  |
|                          |                          |                          |                          |                          |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <b>0.483 J</b>           | <b>0.230 J</b>           | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <1.15 U*1                | <1.16 U*1                | <1.16 U*1                | <1.14 U*1                | <1.19 U*1                |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <1.15 U                  | <1.16 U                  | <1.16 U                  | <1.14 U                  | <1.19 U                  |
| <b>0.456 J</b>           | <b>0.266 J</b>           | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <b>1.35</b>              | <b>1.21</b>              | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <2.87 U                  | <2.91 U                  | <2.91 U                  | <2.86 U                  | <2.96 U                  |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <0.575 U                 | <0.581 U                 | <0.582 U                 | <0.572 U                 | <0.593 U                 |
| <5.75 U                  | <5.81 U                  | <5.82 U                  | <5.72 U                  | <5.93 U                  |

Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-52S     | MW-52D     | MW-54      | MW-73      | MW-73      | MW-75      |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 8 - 13     | 13 - 18    | 9 - 14     | 10 - 20    | 10 - 20    | 6 - 16     |
|                                                          |                                  |                  |                             | Sample Date:     | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 |
|                                                          |                                  |                  |                             | Program:         | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |            |            |            |            |            |            |
| 2,4-Dinitrotoluene                                       | 0.24                             | NS               | 73                          |                  | <1.13 U*+  | <1.13 U*+  | <1.14 U*+  | <1.15 U*+  | <1.14 U*+  | <1.14 U*+  |
| 2,6-Dichlorophenol                                       | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2,6-Dinitrotoluene                                       | 0.049                            | NS               | 36.5                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2-Acetylaminofluorene                                    | 0.016                            | NS               | NS                          |                  | <2.82 U*+  | <2.84 U*+  | <2.86 U*+  | <2.87 U*+  | <2.84 U*+  | <2.86 U*+  |
| 2-Chloronaphthalene                                      | 75                               | NS               | 487                         |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2-Chlorophenol                                           | 9.1                              | NS               | 30.4                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2-Methyl-4,6-dinitrophenol                               | 0.15                             | NS               | NS                          |                  | <2.82 U    | <2.84 U    | <2.86 U    | <2.87 U    | <2.84 U    | <2.86 U    |
| 2-Methylnaphthalene                                      | 3.6                              | NS               | 122                         |                  | <0.565 U   | 0.145 J    | <0.572 U   | 1.06       | <0.569 U   | <0.571 U   |
| 2-Methylphenol                                           | 93                               | NS               | 1830                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | 8.81       | 8.37       | <0.571 U   |
| 2-Naphthylamine                                          | 0.039                            | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2-Nitroaniline                                           | 19                               | NS               | 0.417                       |                  | <0.565 U   | <0.567 U   | <0.572 U   | 0.723      | 0.699      | <0.571 U   |
| 2-Nitrophenol                                            | NS                               | NS               | 0.416                       |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 2-Picoline                                               | NS                               | NS               | NS                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 3,3-Dichlorobenzidine                                    | 0.13                             | NS               | 0.149                       |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 3,3-Dimethylbenzidine                                    | 0.0021                           | NS               | 0.00728                     |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 3-Methylchloranthrene                                    | 0.0011                           | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 3-Methylphenol, 4-Methylphenol                           | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | 15.0       | 14.3       | <0.571 U   |
| 3-Nitroaniline                                           | NS                               | NS               | NS                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 4-Aminobiphenyl                                          | 0.003                            | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 4-Bromophenyl phenyl ether                               | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 4-Chloro-3-Methylphenol                                  | 140                              | NS               | 73000                       |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 4-Chlorophenyl phenyl ether                              | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 4-Dimethylaminoazobenzene                                | 0.005                            | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| 4-Nitroaniline                                           | 3.8                              | NS               | NS                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 4-Nitroquinoline-N-Oxide                                 | NS                               | NS               | NS                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 5-Nitro-o-Toluidine                                      | 8.2                              | NS               | 2.03                        |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| 7,12-Dimethylbenz(a)anthracene                           | 0.0001                           | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Acenaphthene                                             | 53                               | NS               | 365                         |                  | 1.18       | 1.52       | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Acenaphthylene                                           | NS                               | NS               | 2190                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Acetophenone <sup>(1)</sup>                              | 190                              | NS               | NS                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | 5.00       | 5.13       | <1.14 U    |
| Aniline                                                  | 13                               | NS               | 11.7                        |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| Anthracene                                               | 180                              | NS               | 43.4                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Aramite                                                  | 1.3                              | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Aramite Peak 1                                           | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Aramite Peak 2                                           | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Benz(a)anthracene                                        | 0.03                             | NS               | 0.0917                      |                  | <0.282 U   | <0.284 U   | <0.286 U   | <0.287 U   | <0.284 U   | <0.286 U   |
| Benzo(a)pyrene                                           | 0.025                            | 0.2              | 0.2                         |                  | <0.282 U   | <0.284 U   | <0.286 U   | <0.287 U   | <0.284 U   | <0.286 U   |
| Benzo(b)fluoranthene                                     | 0.25                             | NS               | 0.0917                      |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Benzo(g,h,i)perylene                                     | NS                               | NS               | 1100                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Benzo(k)fluoranthene                                     | 2.5                              | NS               | 0.917                       |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Benzyl Alcohol                                           | 200                              | NS               | 11000                       |                  | 0.476 JI   | <2.84 U    | <2.86 U    | 9.00 I     | 9.21 I     | <2.86 U    |
| bis(2-Chloroethoxy)methane                               | 5.9                              | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| bis(2-Chloroethyl)ether                                  | 0.014                            | NS               | 0.0092                      |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| bis(2-Ethylhexyl)phthalate                               | 5.6                              | 6                | 6                           |                  | <1.13 U*+  | <1.13 U*+  | <1.14 U*+  | <1.15 U*+  | <1.14 U*+  | <1.14 U*+  |

| MW-39                 | MW-79                 | MW-85                 | MW-86                 | MW-87                 |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Alluvial              | Alluvial              | Alluvial              | Alluvial              | Alluvial              |
| 5 - 10                | 3.5 - 13.5            | 3 - 13                | 5 - 15                | 5 - 15                |
| 11/5/2025             | 11/5/2025             | 11/5/2025             | 11/5/2025             | 11/5/2025             |
| Northeast Delineation | Northeast Delineation | Northeast Delineation | Northeast Delineation | Northeast Delineation |
|                       |                       |                       |                       |                       |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <2.87 U*-             | <2.91 U*-             | <2.91 U*-             | <2.86 U*-             | <2.96 U*-             |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <2.87 U               | <2.91 U               | <2.91 U               | <2.86 U               | <2.96 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U*1            | <0.581 U*1            | <0.582 U*1            | <0.572 U*1            | <0.593 U*1            |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U*-*1           | <1.16 U*-*1           | <1.16 U*-*1           | <1.14 U*-*1           | <1.19 U*-*1           |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U*-*1          | <0.581 U*-*1          | <0.582 U*-*1          | <0.572 U*-*1          | <0.593 U*-*1          |
| <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-            |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| 0.436 J               | 0.391 J               | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U*-             | <1.16 U*-             | <1.16 U*-             | <1.14 U*-             | <1.19 U*-             |
| <1.15 U*-*1           | <1.16 U*-*1           | <1.16 U*-*1           | <1.14 U*-*1           | <1.19 U*-*1           |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-            |
| <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-            |
| <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-            |
| <0.287 U              | <0.291 U              | <0.291 U              | <0.286 U              | <0.296 U              |
| <0.287 U              | <0.291 U              | <0.291 U              | <0.286 U              | <0.296 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <2.87 U               | <2.91 U               | <2.91 U               | <2.86 U               | <2.96 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |

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**Table 1**  
**Groundwater Analytical Results - Alluvial Aquifer**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-52S     | MW-52D     | MW-54      | MW-73      | MW-73      | MW-75      |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 8 - 13     | 13 - 18    | 9 - 14     | 10 - 20    | 10 - 20    | 6 - 16     |
|                                                          |                                  |                  |                             | Sample Date:     | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 |
|                                                          |                                  |                  |                             | Program:         | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |            |            |            |            |            |            |
| Butyl benzyl phthalate                                   | 16                               | NS               | 2690                        |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| Chrysene                                                 | 25                               | NS               | 9.17                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Diallylate                                               | 0.54                             | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Diallylate Peak 1                                        | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Diallylate Peak 2                                        | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Dibenz(a,h)anthracene                                    | 0.025                            | NS               | 0.00917                     |                  | <0.113 U   | <0.113 U   | <0.114 U   | <0.115 U   | <0.114 U   | <0.114 U   |
| Dibenzofuran                                             | 0.79                             | NS               | 24.3                        |                  | 0.130 J    | 0.250 J    | <0.572 U   | 3.20       | 3.31       | <0.571 U   |
| Diethyl phthalate                                        | 1500                             | NS               | 29200                       |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| Dimethoate                                               | 4.4                              | NS               | NS                          |                  | <2.82 U**  | <2.84 U**  | <2.86 U**  | <2.87 U**  | <2.84 U**  | <2.86 U**  |
| Dimethyl phthalate                                       | NS                               | NS               | 365000                      |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| Dimethylphenethylamine                                   | NS                               | NS               | NS                          |                  | <5.65 U*1  | <5.67 U*1  | <5.72 U*1  | <5.75 U*1  | <5.69 U*1  | <5.71 U*1  |
| Di-n-butyl phthalate                                     | 90                               | NS               | 3650                        |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| Di-n-octyl phthalate                                     | 20                               | NS               | 20                          |                  | <1.13 U**  | <1.13 U**  | <1.14 U**  | <1.15 U**  | <1.14 U**  | <1.14 U**  |
| Dinoseb                                                  | 1.5                              | 7                | 7                           |                  | <2.82 U**  | <2.84 U**  | <2.86 U**  | <2.87 U**  | <2.84 U**  | <2.86 U**  |
| Diphenyl ether                                           | 0.083                            | NS               | NS                          |                  | 912        | 1350       | 0.318 J    | 5990       | 4740       | 0.994      |
| Disulfoton                                               | 0.05                             | NS               | 1.46                        |                  | <2.82 U**  | <2.84 U**  | <2.86 U**  | <2.87 U**  | <2.84 U**  | <2.86 U**  |
| Ethyl Methanesulfonate                                   | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Famphur                                                  | NS                               | NS               | NS                          |                  | <1.13 U**  | <1.13 U**  | <1.14 U**  | <1.15 U**  | <1.14 U**  | <1.14 U**  |
| Fluoranthene                                             | 80                               | NS               | 1460                        |                  | 0.224 J    | 0.351 J    | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Fluorene                                                 | 29                               | NS               | 243                         |                  | 0.428 J    | 0.632      | <0.572 U   | 0.160 J    | 0.184 J    | <0.571 U   |
| Hexachloro-1,3-butadiene                                 | 0.14                             | NS               | 0.859                       |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Hexachlorobenzene                                        | 0.0098                           | 1                | 1                           |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Hexachlorocyclopentadiene                                | 0.041                            | 50               | 50                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| Hexachloroethane                                         | 0.33                             | NS               | 4.78                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Hexachloropropene                                        | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Indeno(1,2,3-cd)pyrene                                   | 0.25                             | NS               | 0.0917                      |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Isophorone                                               | 78                               | NS               | 70.5                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Isosafrole                                               | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Isosafrole Peak 1                                        | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Isosafrole Peak 2                                        | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Methapyrilene                                            | NS                               | NS               | NS                          |                  | <2.26 U    | <2.27 U    | <2.29 U    | <2.30 U    | <2.28 U    | <2.29 U    |
| Methyl methanesulfonate                                  | 0.79                             | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| Methyl parathion                                         | 0.45                             | NS               | 9.13                        |                  | <2.82 U**  | <2.84 U**  | <2.86 U**  | <2.87 U**  | <2.84 U**  | <2.86 U**  |
| Naphthalene                                              | 0.12                             | NS               | 6.2                         |                  | 0.503 J    | 0.590      | <0.572 U   | 12.0       | 12.1       | <0.571 U   |
| Nitrobenzene                                             | 0.14                             | NS               | 3.53                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| N-Nitrosodiethylamine                                    | 0.00017                          | NS               | 0.000446                    |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| N-Nitrosodimethylamine                                   | 0.00011                          | NS               | 0.00131                     |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| N-Nitrosodi-n-butylamine                                 | 0.0027                           | NS               | 0.00189                     |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| N-Nitrosodi-n-propylamine                                | 0.011                            | NS               | 0.00957                     |                  | <0.565 U*  | <0.567 U*  | <0.572 U*  | <0.575 U*  | <0.569 U*  | <0.571 U*  |
| N-Nitrosodiphenylamine                                   | 12                               | NS               | 13.7                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |
| N-Nitrosomorpholine                                      | 0.012                            | NS               | NS                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| N-Nitroso-N-methylethylamine                             | 0.00071                          | NS               | 0.00304                     |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |
| N-Nitrosopiperidine                                      | 0.0082                           | NS               | NS                          |                  | <1.13 U    | <1.13 U    | <1.14 U    | <1.15 U    | <1.14 U    | <1.14 U    |

| MW-39                 | MW-79                 | MW-85                 | MW-86                 | MW-87                 |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Alluvial              | Alluvial              | Alluvial              | Alluvial              | Alluvial              |
| 5 - 10                | 3.5 - 13.5            | 3 - 13                | 5 - 15                | 5 - 15                |
| 11/5/2025             | 11/5/2025             | 11/5/2025             | 11/5/2025             | 11/5/2025             |
| Northeast Delineation | Northeast Delineation | Northeast Delineation | Northeast Delineation | Northeast Delineation |
|                       |                       |                       |                       |                       |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-            |
| <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-            |
| <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-            |
| <0.115 U              | <0.116 U              | <0.116 U              | <0.114 U              | <0.119 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <2.87 U**             | <2.91 U**             | <2.91 U**             | <2.86 U**             | <2.96 U**             |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <5.75 U*-             | <5.81 U*-             | <5.82 U*-             | <5.72 U*-             | <5.93 U*-             |
| 1.61                  | 1.67                  | 0.867 J               | 1.03 J                | 1.24                  |
| <1.15 U*-             | <1.16 U*-             | <1.16 U*-             | <1.14 U*-             | <1.19 U*-             |
| <2.87 U**             | <2.91 U**             | <2.91 U**             | <2.86 U**             | <2.96 U**             |
| 322                   | 177                   | <0.582 U              | 2.11                  | <0.593 U              |
| <2.87 U**             | <2.91 U**             | <2.91 U**             | <2.86 U**             | <2.96 U**             |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| 0.193 J               | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <2.30 U               | <2.33 U               | <2.33 U               | <2.29 U               | <2.37 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <2.87 U**             | <2.91 U**             | <2.91 U**             | <2.86 U**             | <2.96 U**             |
| 0.347 J               | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U*-             | <1.16 U*-             | <1.16 U*-             | <1.14 U*-             | <1.19 U*-             |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U              |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |
| <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U               |

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Table 1  
Groundwater Analytical Results - Alluvial Aquifer  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | MW-52S     | MW-52D     | MW-54      | MW-73      | MW-73      | MW-75      |                       | MW-39                 | MW-79                 | MW-85                 | MW-86                 | MW-87        |          |          |
|----------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|------------|------------|------------|------------|------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------|----------|----------|
|                                                          |                                  |                  |                             | Aquifer:         | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial   | Alluvial              | Alluvial              | Alluvial              | Alluvial              | Alluvial              | Alluvial     | Alluvial | Alluvial |
|                                                          |                                  |                  |                             | Screen (ft bgs): | 8 - 13     | 13 - 18    | 9 - 14     | 10 - 20    | 10 - 20    | 6 - 16     | 5 - 10                | 3.5 - 13.5            | 3 - 13                | 5 - 15                | 5 - 15                |              |          |          |
|                                                          |                                  |                  |                             | Sample Date:     | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/13/2025 | 11/5/2025             | 11/5/2025             | 11/5/2025             | 11/5/2025             | 11/5/2025             |              |          |          |
|                                                          |                                  |                  |                             | Program:         | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Poly Pale  | Northeast Delineation | Northeast Delineation | Northeast Delineation | Northeast Delineation | Northeast Delineation |              |          |          |
| Semivolatile Organic Compounds; Method 8270D (continued) |                                  |                  |                             |                  |            |            |            |            |            |            |                       |                       |                       |                       |                       |              |          |          |
| N-Nitrosopyrrolidine                                     | 0.037                            | NS               | 0.0319                      |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| o,o,o-Triethyl phosphorothioate                          | NS                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | 0.452 J               | 0.276 J               | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| o,o-Diethyl o-pyrazinyl phosphorothioate                 | NS                               | NS               | NS                          |                  | <1.13 U*+  | <1.13 U*+  | <1.14 U*+  | <1.15 U*+  | <1.14 U*+  | <1.14 U*+  |                       | <1.15 U               | <1.16 U               | <1.16 U               | <1.14 U               | <1.19 U      |          |          |
| o-Toluidine                                              | 4.7                              | NS               | 0.279                       |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U*-*1          | <0.581 U*-*1          | <0.582 U*-*1          | <0.572 U*-*1          | <0.593 U*-*1 |          |          |
| Parathion                                                | 8.6                              | NS               | 219                         |                  | <1.13 U*+  | <1.13 U*+  | <1.14 U*+  | <1.15 U*+  | <1.14 U*+  | <1.14 U*+  |                       | <1.15 U*+             | <1.16 U*+             | <1.16 U*+             | <1.14 U*+             | <1.19 U*+    |          |          |
| p-Chloroaniline                                          | 0.37                             | NS               | 146                         |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U*1            | <0.581 U*1            | <0.582 U*1            | <0.572 U*1            | <0.593 U*1   |          |          |
| Pentachlorobenzene                                       | 0.32                             | NS               | 29.2                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| Pentachloronitrobenzene                                  | 0.12                             | NS               | 0.258                       |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| Pentachlorophenol                                        | 0.041                            | 1                | 1                           |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| Phenacetin                                               | 34                               | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| Phenanthrene                                             | NS                               | NS               | 1100                        |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| Phenol                                                   | 580                              | NS               | 21900                       |                  | 7.39       | 5.84       | <1.14 U    | 88.4       | 88.3       | <1.14 U    |                       | 2.26                  | 1.99                  | <1.16 U               | <1.14 U               | <1.19 U      |          |          |
| Phorate                                                  | 0.3                              | NS               | NS                          |                  | <5.65 U*+  | <5.67 U*+  | <5.72 U*+  | <5.75 U*+  | <5.69 U*+  | <5.71 U*+  |                       | <5.75 U*+             | <5.81 U*+             | <5.82 U*+             | <5.72 U*+             | <5.93 U*+    |          |          |
| p-Phenylenediamine                                       | 2                                | NS               | 6940                        |                  | <5.65 U    | <5.67 U    | <5.72 U    | <5.75 U    | <5.69 U    | <5.71 U    |                       | <5.75 U*1             | <5.81 U*1             | <5.82 U*1             | <5.72 U*1             | <5.93 U*1    |          |          |
| Propyzamide                                              | 120                              | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-   |          |          |
| Pyrene                                                   | 12                               | NS               | 183                         |                  | 0.154 J    | 0.147 J    | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U              | <0.581 U              | <0.582 U              | <0.572 U              | <0.593 U     |          |          |
| Pyridine                                                 | 2                                | NS               | 36.5                        |                  | <2.82 U    | <2.84 U    | <2.86 U    | <2.87 U    | <2.84 U    | <2.86 U    |                       | <2.87 U*-             | <2.91 U*-             | <2.91 U*-             | <2.86 U*-             | <2.96 U*-    |          |          |
| Safrole                                                  | 0.096                            | NS               | NS                          |                  | <0.565 U   | <0.567 U   | <0.572 U   | <0.575 U   | <0.569 U   | <0.571 U   |                       | <0.575 U*-            | <0.581 U*-            | <0.582 U*-            | <0.572 U*-            | <0.593 U*-   |          |          |
| Sulfotep                                                 | 0.71                             | NS               | NS                          |                  | <1.13 U*+  | <1.13 U*+  | <1.14 U*+  | <1.15 U*+  | <1.14 U*+  | <1.14 U*+  |                       | <1.15 U*+             | <1.16 U*+             | <1.16 U*+             | <1.14 U*+             | <1.19 U*+    |          |          |
| Delnav; Method 8321A                                     |                                  |                  |                             |                  |            |            |            |            |            |            |                       |                       |                       |                       |                       |              |          |          |
| Total Dioxathion                                         | NS                               | NS               | 54.80                       |                  | --         | --         | --         | --         | --         | --         |                       | --                    | --                    | --                    | --                    | --           |          |          |

**Notes:**  
(1) MDEQ has indicated that the published TRG for acetophenone is incorrect and that the USEPA RSL should be used; therefore, the MDEQ TRG is shown as "NS."  
Results are reported in micrograms per liter (µg/L).  
Detections are in **bold** print.  
Concentrations above USEPA Tapwater RSL are **red and italic font**.  
Concentrations above USEPA MCL are underlined.  
Concentrations above MDEQ Groundwater TRG are shaded gray.  
\* LCS or LCS duplicate is outside acceptance limits.  
\*- LCS and/or LCS duplicate is outside acceptance limits, low biased.  
\*+ LCS and/or LCS duplicate is outside acceptance limits, high biased.  
\*1 LCS/LCS duplicate relative percent difference exceeds control limits.  
< / U - Indicates analyte was analyzed for but not detected.  
B - Compound was found in the blank and sample.  
ft bgs - feet below ground surface.  
F1 - Matrix spike and/or matrix spike duplicate recovery outside of acceptance limits.  
F2 - Matrix spike/Matrix spike duplicate relative percent difference exceeds control limits.  
H - Sample was prepped or analyzed beyond the specified holding time.  
HI - Hazard Index.  
J - Result is less than the reporting limit but greater than or equal to the method detection limit. Concentration is an approximate value.  
LCS - Laboratory Control Sample.  
MCL - Maximum Contaminant Level.  
MDEQ - Mississippi Department of Environmental Quality.  
NS - No Standard.  
RSL - Regional Screening Level.  
RUAO - Restrictive Use Agreed Order.  
TRG - Target Remediation Goal.  
USEPA - U.S. Environmental Protection Agency.



**Table 2**  
**Groundwater Analytical Results - Hattiesburg Formation Well Network**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                 | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | HMW-1                 | HMW-2                 | HMW-3                 | HMW-4                 | HMW-5                 |
|-----------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                         |                                  |                  |                             | Aquifer:         | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation |
|                                         |                                  |                  |                             | Screen (ft bgs): | 80 - 90               | 104 - 114             | 82 - 92               | 89 - 99               | 70 - 80               |
|                                         |                                  |                  |                             | Sample Date:     | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             |
| Volatile Organic Compounds Method 8260B |                                  |                  |                             |                  |                       |                       |                       |                       |                       |
| 1,1,1,2-Tetrachloroethane               | 0.57                             | NS               | 0.406                       |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,1,1-Trichloroethane                   | 800                              | 200              | 200                         |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| 1,1,2,2-Tetrachloroethane               | 0.076                            | NS               | 0.0527                      |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,1,2-trichloro-1,2,2-trifluoroethane   | 1000                             | NS               | 59400                       |                  | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               |
| 1,1,2-Trichloroethane                   | 0.041                            | 5                | 5                           |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,1-Dichloroethane                      | 2.8                              | NS               | 798                         |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,1-Dichloroethene                      | 0.82                             | 7                | 7                           |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,2,3-Trichloropropane                  | 0.00075                          | NS               | 0.00623                     |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,2,4-Trimethylbenzene                  | 5.6                              | NS               | 12.3                        |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,2-Dibromo-3-chloropropane             | 0.00033                          | 0.2              | 0.2                         |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| 1,2-Dibromoethane                       | 0.0075                           | 0.05             | 0.05                        |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| 1,2-Dichloroethane                      | 0.17                             | 5                | 5                           |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,2-Dichloropropane                     | 0.82                             | 5                | 5                           |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| 1,3,5-Trimethylbenzene                  | 6                                | NS               | 12.3                        |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 1,3-Butadiene                           | 0.071                            | NS               | 0.00696                     |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| 2,2,4-Trimethylpentane                  | NS                               | NS               | NS                          |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| 2-Butanone (MEK)                        | 560                              | NS               | 1910                        |                  | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               |
| 2-Chlor-1,3-Butadiene                   | 0.0068                           | NS               | 14.3                        |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| 2-Methyl-1-propanol                     | 73                               | NS               | 1830                        |                  | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               |
| 4-Methyl-2-Pentanone                    | 630                              | NS               | NS                          |                  | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               |
| Acetone                                 | 1800                             | NS               | 608                         |                  | <100 U                | <100 U                | <100 U                | <100 U                | <100 U                |
| Acetonitrile                            | 13                               | NS               | 125                         |                  | <100 U                | <100 U                | <100 U                | <100 U                | <100 U                |
| Acrolein                                | 0.0042                           | NS               | 0.0416                      |                  | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               |
| Acrylonitrile                           | 0.052                            | NS               | 0.0367                      |                  | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               |
| Allyl chloride                          | 0.21                             | NS               | NS                          |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Benzene                                 | 0.46                             | 5                | 5                           |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| Benzyl Chloride                         | 0.089                            | NS               | 0.0621                      |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Bromodichloromethane                    | 0.13                             | 80               | 0.168                       |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| Bromoform                               | 3.3                              | 80               | 8.48                        |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |

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**Table 2**  
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**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                             | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | HMW-1                 | HMW-2                 | HMW-3                 | HMW-4                 | HMW-5                 |
|-----------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                     |                                  |                  |                             | Aquifer:         | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation |
|                                                     |                                  |                  |                             | Screen (ft bgs): | 80 - 90               | 104 - 114             | 82 - 92               | 89 - 99               | 70 - 80               |
|                                                     |                                  |                  |                             | Sample Date:     | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             |
| Volatile Organic Compounds Method 8260B (continued) |                                  |                  |                             |                  |                       |                       |                       |                       |                       |
| Bromomethane                                        | 0.75                             | NS               | 8.52                        |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Carbon Disulfide                                    | 81                               | NS               | 1040                        |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Carbon Tetrachloride                                | 0.46                             | 5                | 5                           |                  | <2.00 U               | <2.00 U               | <2.00 U               | <2.00 U               | <2.00 U               |
| CFC-11                                              | 520                              | NS               | 1290                        |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| CFC-12                                              | 20                               | NS               | 348                         |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| Chlorobenzene                                       | 7.8                              | 100              | 100                         |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| Chlorodibromomethane                                | 0.87                             | 80               | 0.126                       |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Chloroethane                                        | 830                              | NS               | 3.64                        |                  | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               |
| Chloroform                                          | 0.22                             | 80               | 0.155                       |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| Chloromethane                                       | 19                               | NS               | 1.43                        |                  | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               |
| cis-1,2-Dichloroethene                              | 2.5                              | 70               | 70                          |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| cis-1,3-Dichloropropene                             | NS                               | NS               | NS                          |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Cyclohexane                                         | 1300                             | NS               | NS                          |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Dibromomethane                                      | 0.83                             | NS               | 60.8                        |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| Dichloromethane                                     | 11                               | 5                | 5                           |                  | <5.00 U*+             | <5.00 U*+             | <5.00 U*+             | <5.00 U*+             | <5.00 U*+             |
| Ethyl Methacrylate                                  | 63                               | NS               | 548                         |                  | <5.00 U*+             | <5.00 U*+             | <5.00 U*+             | <5.00 U*+             | <5.00 U*+             |
| Ethylbenzene                                        | 1.5                              | 700              | 700                         |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| Hexane                                              | 150                              | NS               | 350                         |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| Iodomethane                                         | NS                               | NS               | NS                          |                  | <20.0 U               | <20.0 U               | <20.0 U               | <20.0 U               | <20.0 U               |
| Isopropyl alcohol                                   | 41                               | NS               | NS                          |                  | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               |
| Isopropylbenzene                                    | 45                               | NS               | 679                         |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| m,p-Xylenes                                         | NS                               | NS               | NS                          |                  | <2.00 U               | <2.00 U               | <2.00 U               | <2.00 U               | <2.00 U               |
| Methyl methacrylate                                 | 140                              | NS               | 1420                        |                  | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               |
| Methyl N-Butyl Ketone (2-Hexanone)                  | 3.8                              | NS               | 1460                        |                  | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               | <50.0 U               |
| Methylacrylonitrile                                 | 0.19                             | NS               | 1.04                        |                  | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               | <10.0 U               |
| Methyl-tert-butylether                              | 14                               | NS               | 40                          |                  | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               | <5.00 U               |
| n-Propylbenzene                                     | 66                               | NS               | 243                         |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |
| o-Xylene                                            | 19                               | NS               | 12200                       |                  | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               | <1.00 U               |

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**Table 2**  
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**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                             | USEPA<br>Tapwater<br>RSL<br>HI=0.1<br>(2024) | USEPA<br>MCL<br>(2018) | MDEQ<br>Groundwater<br>TRG<br>(2002) | Location:        | HMW-1                    | HMW-2                    | HMW-3                    | HMW-4                    | HMW-5                    |
|-----------------------------------------------------|----------------------------------------------|------------------------|--------------------------------------|------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                                     |                                              |                        |                                      | Aquifer:         | Hattiesburg<br>Formation | Hattiesburg<br>Formation | Hattiesburg<br>Formation | Hattiesburg<br>Formation | Hattiesburg<br>Formation |
|                                                     |                                              |                        |                                      | Screen (ft bgs): | 80 - 90                  | 104 - 114                | 82 - 92                  | 89 - 99                  | 70 - 80                  |
|                                                     |                                              |                        |                                      | Sample Date:     | 11/4/2025                | 11/4/2025                | 11/4/2025                | 11/4/2025                | 11/4/2025                |
| Volatile Organic Compounds Method 8260B (continued) |                                              |                        |                                      |                  |                          |                          |                          |                          |                          |
| Propionitrile                                       | NS                                           | NS                     | NS                                   |                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| Styrene (Monomer)                                   | 120                                          | 100                    | 100                                  |                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| Tetrachloroethene                                   | 4.1                                          | 5                      | 5                                    |                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| Tetrahydrofuran                                     | 340                                          | NS                     | NS                                   |                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| Toluene                                             | 110                                          | 1000                   | 1000                                 |                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| Total Xylenes                                       | 19                                           | 10000                  | 10000                                |                  | <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  |
| trans-1,2-Dichloroethene                            | 6.8                                          | 100                    | 100                                  |                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  | <1.00 U                  |
| trans-1,3-Dichloropropene                           | NS                                           | NS                     | NS                                   |                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| trans-1,4-Dichloro-2-butene                         | 0.0013                                       | NS                     | NS                                   |                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  | <10.0 U                  |
| Trichloroethene                                     | 0.28                                         | 5                      | 5                                    |                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  | <5.00 U                  |
| Vinyl acetate                                       | 41                                           | NS                     | 412                                  |                  | <20.0 U                  | <20.0 U                  | <20.0 U                  | <20.0 U                  | <20.0 U                  |
| Vinyl chloride                                      | 0.019                                        | 2                      | 2                                    |                  | <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  | <2.00 U                  |
| Semivolatile Organic Compounds Method 8270D         |                                              |                        |                                      |                  |                          |                          |                          |                          |                          |
| 1,1-Biphenyl                                        | 0.083                                        | NS                     | 304                                  |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1,2,4,5-Tetrachlorobenzene                          | 0.017                                        | NS                     | 11                                   |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1,2,4-Trichlorobenzene                              | 0.4                                          | 70                     | 70                                   |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1,2-Dichlorobenzene                                 | 30                                           | 600                    | 600                                  |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1,3,5-Trinitrobenzene                               | 59                                           | NS                     | 1100                                 |                  | <1.14 U                  | <1.14 U                  | <1.14 U                  | <1.14 U                  | <1.14 U                  |
| 1,3-Dichlorobenzene                                 | NS                                           | NS                     | 5.48                                 |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1,3-Dinitrobenzene                                  | 0.2                                          | NS                     | 3.65                                 |                  | <1.14 U                  | <1.14 U                  | <1.14 U                  | <1.14 U                  | <1.14 U                  |
| 1,4-Dichlorobenzene                                 | 0.48                                         | 75                     | 75                                   |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1,4-Dioxane                                         | 0.46                                         | NS                     | 6.09                                 |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1,4-Naphthoquinone                                  | NS                                           | NS                     | NS                                   |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 1-Naphthylamine                                     | NS                                           | NS                     | NS                                   |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 2,2-Oxybis(1-Chloropropane)                         | 71                                           | NS                     | NS                                   |                  | <2.84 U                  | <2.84 U                  | <2.85 U                  | <2.86 U                  | <2.85 U                  |
| 2,3,4,6-Tetrachlorophenol                           | 24                                           | NS                     | 1100                                 |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 2,4,5-Trichlorophenol                               | 120                                          | NS                     | 3650                                 |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |
| 2,4,6-Trichlorophenol                               | 1.2                                          | NS                     | 6.09                                 |                  | <0.569 U                 | <0.568 U                 | <0.571 U                 | <0.571 U                 | <0.570 U                 |

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**Table 2**  
**Groundwater Analytical Results - Hattiesburg Formation Well Network**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                                 | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | HMW-1                 | HMW-2                 | HMW-3                 | HMW-4                 | HMW-5                 |
|---------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                         |                                  |                  |                             | Aquifer:         | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation |
|                                                         |                                  |                  |                             | Screen (ft bgs): | 80 - 90               | 104 - 114             | 82 - 92               | 89 - 99               | 70 - 80               |
|                                                         |                                  |                  |                             | Sample Date:     | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             |
| Semivolatile Organic Compounds Method 8270D (continued) |                                  |                  |                             |                  |                       |                       |                       |                       |                       |
| 2,4-Dichlorophenol                                      | 4.6                              | NS               | 110                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2,4-Dimethylphenol                                      | 36                               | NS               | 730                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2,4-Dinitrophenol                                       | 3.9                              | NS               | 73                          |                  | <5.69 U               | <5.68 U               | <5.71 U               | <5.71 U               | <5.70 U               |
| 2,4-Dinitrotoluene                                      | 0.24                             | NS               | 73                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| 2,6-Dichlorophenol                                      | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2,6-Dinitrotoluene                                      | 0.049                            | NS               | 36.5                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Acetylaminofluorene                                   | 0.016                            | NS               | NS                          |                  | <2.84 U               | <2.84 U               | <2.85 U               | <2.86 U               | <2.85 U               |
| 2-Chloronaphthalene                                     | 75                               | NS               | 487                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Chlorophenol                                          | 9.1                              | NS               | 30.4                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Methyl-4,6-dinitrophenol                              | 0.15                             | NS               | NS                          |                  | <2.84 U               | <2.84 U               | <2.85 U               | <2.86 U               | <2.85 U               |
| 2-Methylnaphthalene                                     | 3.6                              | NS               | 122                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Methylphenol                                          | 93                               | NS               | 1830                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Naphthylamine                                         | 0.039                            | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Nitroaniline                                          | 19                               | NS               | 0.417                       |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Nitrophenol                                           | NS                               | NS               | 0.416                       |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 2-Picoline                                              | NS                               | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| 3,3-Dichlorobenzidine                                   | 0.13                             | NS               | 0.149                       |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| 3,3-Dimethylbenzidine                                   | 0.0021                           | NS               | 0.00728                     |                  | <0.569 U*             | <0.568 U*             | <0.571 U*             | <0.571 U*             | <0.570 U*             |
| 3-Methylchloranthrene                                   | 0.0011                           | NS               | NS                          |                  | <0.569 U*             | <0.568 U*             | <0.571 U*             | <0.571 U*             | <0.570 U*             |
| 3-Methylphenol, 4-Methylphenol                          | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 3-Nitroaniline                                          | NS                               | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| 4-Aminobiphenyl                                         | 0.003                            | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 4-Bromophenyl phenyl ether                              | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 4-Chloro-3-Methylphenol                                 | 140                              | NS               | 73000                       |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 4-Chlorophenyl phenyl ether                             | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 4-Dimethylaminoazobenzene                               | 0.005                            | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| 4-Nitroaniline                                          | 3.8                              | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| 4-Nitroquinoline-N-Oxide                                | NS                               | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |

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**Table 2**  
**Groundwater Analytical Results - Hattiesburg Formation Well Network**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                                 | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | HMW-1                 | HMW-2                 | HMW-3                 | HMW-4                 | HMW-5                 |
|---------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                         |                                  |                  |                             | Aquifer:         | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation |
|                                                         |                                  |                  |                             | Screen (ft bgs): | 80 - 90               | 104 - 114             | 82 - 92               | 89 - 99               | 70 - 80               |
|                                                         |                                  |                  |                             | Sample Date:     | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             |
| Semivolatile Organic Compounds Method 8270D (continued) |                                  |                  |                             |                  |                       |                       |                       |                       |                       |
| 5-Nitro-o-Toluidine                                     | 8.2                              | NS               | 2.03                        |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| 7,12-Dimethylbenz(a)anthracene                          | 0.0001                           | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Acenaphthene                                            | 53                               | NS               | 365                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Acenaphthylene                                          | NS                               | NS               | 2190                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Acetophenone                                            | 190                              | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Aniline                                                 | 13                               | NS               | 11.7                        |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Anthracene                                              | 180                              | NS               | 43.4                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Aramite                                                 | 1.3                              | NS               | NS                          |                  | <0.569 U*-            | <0.568 U*-            | <0.571 U*-            | <0.571 U*-            | <0.570 U*-            |
| Aramite Peak 1                                          | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Aramite Peak 2                                          | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Benz(a)anthracene                                       | 0.03                             | NS               | 0.0917                      |                  | <0.284 U              | <0.284 U              | <0.285 U              | <0.286 U              | <0.285 U              |
| Benzo(a)pyrene                                          | 0.025                            | 0.2              | 0.2                         |                  | <0.284 U              | <0.284 U              | <0.285 U              | <0.286 U              | <0.285 U              |
| Benzo(b)fluoranthene                                    | 0.25                             | NS               | 0.0917                      |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Benzo(g,h,i)perylene                                    | NS                               | NS               | 1100                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Benzo(k)fluoranthene                                    | 2.5                              | NS               | 0.917                       |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Benzyl Alcohol                                          | 200                              | NS               | 11000                       |                  | <2.84 U               | <2.84 U               | <2.85 U               | <2.86 U               | <2.85 U               |
| bis(2-Chloroethoxy)methane                              | 5.9                              | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| bis(2-Chloroethyl)ether                                 | 0.014                            | NS               | 0.0092                      |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| bis(2-Ethylhexyl)phthalate                              | 5.6                              | 6                | 6                           |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Butyl benzyl phthalate                                  | 16                               | NS               | 2690                        |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Chrysene                                                | 25                               | NS               | 9.17                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Diallate                                                | 0.54                             | NS               | NS                          |                  | <0.569 U*-            | <0.568 U*-            | <0.571 U*-            | <0.571 U*-            | <0.570 U*-            |
| Diallate Peak 1                                         | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Diallate Peak 2                                         | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Dibenz(a,h)anthracene                                   | 0.025                            | NS               | 0.00917                     |                  | <0.114 U              | <0.114 U              | <0.114 U              | <0.114 U              | <0.114 U              |
| Dibenzofuran                                            | 0.79                             | NS               | 24.3                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Diethyl phthalate                                       | 1500                             | NS               | 29200                       |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Dimethoate                                              | 4.4                              | NS               | NS                          |                  | <2.84 U*+             | <2.84 U*+             | <2.85 U*+             | <2.86 U*+             | <2.85 U*+             |

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**Table 2**  
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**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                                 | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | HMW-1                 | HMW-2                 | HMW-3                 | HMW-4                 | HMW-5                 |
|---------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                         |                                  |                  |                             | Aquifer:         | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation |
|                                                         |                                  |                  |                             | Screen (ft bgs): | 80 - 90               | 104 - 114             | 82 - 92               | 89 - 99               | 70 - 80               |
|                                                         |                                  |                  |                             | Sample Date:     | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             |
| Semivolatile Organic Compounds Method 8270D (continued) |                                  |                  |                             |                  |                       |                       |                       |                       |                       |
| Dimethyl phthalate                                      | NS                               | NS               | 365000                      |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Dimethylphenethylamine                                  | NS                               | NS               | NS                          |                  | <5.69 U               | <5.68 U               | <5.71 U               | <5.71 U               | <5.70 U               |
| Di-n-butyl phthalate                                    | 90                               | NS               | 3650                        |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Di-n-octyl phthalate                                    | 20                               | NS               | 20                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Dinoseb                                                 | 1.5                              | 7                | 7                           |                  | <2.84 U               | <2.84 U               | <2.85 U               | <2.86 U               | <2.85 U               |
| Diphenyl ether                                          | 0.083                            | NS               | NS                          |                  | <0.569 U              | 0.209 J               | <0.571 U              | <0.571 U              | <0.570 U              |
| Disulfoton                                              | 0.05                             | NS               | 1.46                        |                  | <2.84 U*+             | <2.84 U*+             | <2.85 U*+             | <2.86 U*+             | <2.85 U*+             |
| Ethyl Methanesulfonate                                  | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Famphur                                                 | NS                               | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Fluoranthene                                            | 80                               | NS               | 1460                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Fluorene                                                | 29                               | NS               | 243                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Hexachloro-1,3-butadiene                                | 0.14                             | NS               | 0.859                       |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Hexachlorobenzene                                       | 0.0098                           | 1                | 1                           |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Hexachlorocyclopentadiene                               | 0.041                            | 50               | 50                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Hexachloroethane                                        | 0.33                             | NS               | 4.78                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Hexachloropropene                                       | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Indeno(1,2,3-cd)pyrene                                  | 0.25                             | NS               | 0.0917                      |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Isophorone                                              | 78                               | NS               | 70.5                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Isosafrole                                              | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Isosafrole Peak 1                                       | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Isosafrole Peak 2                                       | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Methapyrilene                                           | NS                               | NS               | NS                          |                  | <2.28 U               | <2.27 U               | <2.28 U               | <2.29 U               | <2.28 U               |
| Methyl methanesulfonate                                 | 0.79                             | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Methyl parathion                                        | 0.45                             | NS               | 9.13                        |                  | <2.84 U*+             | <2.84 U*+             | <2.85 U*+             | <2.86 U*+             | <2.85 U*+             |
| Naphthalene                                             | 0.12                             | NS               | 6.2                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Nitrobenzene                                            | 0.14                             | NS               | 3.53                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| N-Nitrosodiethylamine                                   | 0.00017                          | NS               | 0.000446                    |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| N-Nitrosodimethylamine                                  | 0.00011                          | NS               | 0.00131                     |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |

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**Groundwater Analytical Results - Hattiesburg Formation Well Network**  
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**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

| Analyte                                                 | USEPA Tapwater RSL HI=0.1 (2024) | USEPA MCL (2018) | MDEQ Groundwater TRG (2002) | Location:        | HMW-1                 | HMW-2                 | HMW-3                 | HMW-4                 | HMW-5                 |
|---------------------------------------------------------|----------------------------------|------------------|-----------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                         |                                  |                  |                             | Aquifer:         | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation | Hattiesburg Formation |
|                                                         |                                  |                  |                             | Screen (ft bgs): | 80 - 90               | 104 - 114             | 82 - 92               | 89 - 99               | 70 - 80               |
|                                                         |                                  |                  |                             | Sample Date:     | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             | 11/4/2025             |
| Semivolatile Organic Compounds Method 8270D (continued) |                                  |                  |                             |                  |                       |                       |                       |                       |                       |
| N-Nitrosodi-n-butylamine                                | 0.0027                           | NS               | 0.00189                     |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| N-Nitrosodi-n-propylamine                               | 0.011                            | NS               | 0.00957                     |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| N-Nitrosodiphenylamine                                  | 12                               | NS               | 13.7                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| N-Nitrosomorpholine                                     | 0.012                            | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| N-Nitroso-N-methylethylamine                            | 0.00071                          | NS               | 0.00304                     |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| N-Nitrosopiperidine                                     | 0.0082                           | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| N-Nitrosopyrrolidine                                    | 0.037                            | NS               | 0.0319                      |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| o,o,o-Triethyl phosphorothioate                         | NS                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| o,o-Diethyl o-pyrazinyl phosphorothioate                | NS                               | NS               | NS                          |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| o-Toluidine                                             | 4.7                              | NS               | 0.279                       |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Parathion                                               | 8.6                              | NS               | 219                         |                  | <1.14 U*+             | <1.14 U*+             | <1.14 U*+             | <1.14 U*+             | <1.14 U*+             |
| p-Chloroaniline                                         | 0.37                             | NS               | 146                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Pentachlorobenzene                                      | 0.32                             | NS               | 29.2                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Pentachloronitrobenzene                                 | 0.12                             | NS               | 0.258                       |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Pentachlorophenol                                       | 0.041                            | 1                | 1                           |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Phenacetin                                              | 34                               | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Phenanthrene                                            | NS                               | NS               | 1100                        |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Phenol                                                  | 580                              | NS               | 21900                       |                  | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               | <1.14 U               |
| Phorate                                                 | 0.3                              | NS               | NS                          |                  | <5.69 U*+             | <5.68 U*+             | <5.71 U*+             | <5.71 U*+             | <5.70 U*+             |
| p-Phenylenediamine                                      | 2                                | NS               | 6940                        |                  | <5.69 U               | <5.68 U               | <5.71 U               | <5.71 U               | <5.70 U               |
| Propyzamide                                             | 120                              | NS               | NS                          |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Pyrene                                                  | 12                               | NS               | 183                         |                  | <0.569 U              | <0.568 U              | <0.571 U              | <0.571 U              | <0.570 U              |
| Pyridine                                                | 2                                | NS               | 36.5                        |                  | <2.84 U               | <2.84 U               | <2.85 U               | <2.86 U               | <2.85 U               |
| Safole                                                  | 0.096                            | NS               | NS                          |                  | <0.569 U*-            | <0.568 U*-            | <0.571 U*-            | <0.571 U*-            | <0.570 U*-            |
| Sulfotep                                                | 0.71                             | NS               | NS                          |                  | <1.14 U*+             | <1.14 U*+             | <1.14 U*+             | <1.14 U*+             | <1.14 U*+             |

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**Table 2**  
**Groundwater Analytical Results - Hattiesburg Formation Well Network**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

**Notes:**

<sup>(1)</sup> MDEQ has indicated that the published TRG for acetophenone is incorrect and that the USEPA RSL should be used; therefore, the MDEQ TRG is shown as "NS."

Results are reported in micrograms per liter (µg/L).

Detections are in **bold** print.

Concentrations above USEPA Tapwater RSL are *red and italic font*.

Concentrations above USEPA MCL are underlined.

Concentrations above MDEQ Groundwater TRG are shaded gray.

\* LCS or LCS duplicate is outside acceptance limits.

\*- LCS and/or LCS duplicate is outside acceptance limits, low biased.

\*+ LCS and/or LCS duplicate is outside acceptance limits, high biased.

\*1 LCS/LCS duplicate relative percent difference exceeds control limits.

< / U - Indicates analyte was analyzed for but not detected.

ft bgs - feet below ground surface.

HI - Hazard Index.

J - Result is less than the reporting limit but greater than or equal to the method detection limit. Concentration is an approximate value.

LCS - Laboratory Control Sample.

MCL - Maximum Contaminant Level.

MDEQ - Mississippi Department of Environmental Quality.

NS - No Standard.

RSL - Regional Screening Level.

TRG - Target Remediation Goal.

USEPA - U.S. Environmental Protection Agency.

**Table 3**  
**Surface Water Analytical Results - Greens Creek**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**



| Analyte                                 | USEPA Water Quality Criteria (Water + Organism) (2015) <sup>(1)</sup> | MDEQ Groundwater TRG (2002) | Location:    | CM-00         | CM-01         | CM-02         | CM-03         | CM-04         | CM-05         |
|-----------------------------------------|-----------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                         |                                                                       |                             | Type:        | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water |
|                                         |                                                                       |                             | Feature:     | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  |
|                                         |                                                                       |                             | Sample Date: | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    |
| Volatile Organic Compounds Method 8260B |                                                                       |                             |              |               |               |               |               |               |               |
| 1,1,1,2-Tetrachloroethane               | 0.57                                                                  | 0.406                       |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,1,1-Trichloroethane                   | 10000                                                                 | 200                         |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| 1,1,2,2-Tetrachloroethane               | 0.2                                                                   | 0.0527                      |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,1,2-trichloro-1,2,2-trifluoroethane   | 1000                                                                  | 59400                       |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| 1,1,2-Trichloroethane                   | 0.55                                                                  | 5                           |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,1-Dichloroethane                      | 2.8                                                                   | 798                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,1-Dichloroethene                      | 300                                                                   | 7                           |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,2,3-Trichloropropane                  | 0.00075                                                               | 0.00623                     |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,2,4-Trimethylbenzene                  | 5.6                                                                   | 12.3                        |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,2-Dibromo-3-chloropropane             | 0.00033                                                               | 0.2                         |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| 1,2-Dibromoethane                       | 0.0075                                                                | 0.05                        |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| 1,2-Dichloroethane                      | 9.9                                                                   | 5                           |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,2-Dichloropropane                     | 0.9                                                                   | 5                           |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| 1,3,5-Trimethylbenzene                  | 6                                                                     | 12.3                        |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 1,3-Butadiene                           | 0.071                                                                 | 0.00696                     |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| 2,2,4-Trimethylpentane                  | NS                                                                    | NS                          |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| 2-Butanone (MEK)                        | 560                                                                   | 1910                        |              | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       |
| 2-Chlor-1,3-Butadiene                   | 0.0068                                                                | 14.3                        |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| 2-Methyl-1-propanol                     | 73                                                                    | 1830                        |              | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       |
| 4-Methyl-2-Pentanone                    | 630                                                                   | NS                          |              | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       |
| Acetone                                 | 1800                                                                  | 608                         |              | <100 U        | <100 U        | <100 U        | <100 U        | <100 U        | <100 U        |
| Acetonitrile                            | 13                                                                    | 125                         |              | <100 U        | <100 U        | <100 U        | <100 U        | <100 U        | <100 U        |
| Acrolein                                | 3                                                                     | 0.0416                      |              | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       |
| Acrylonitrile                           | 0.061                                                                 | 0.0367                      |              | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       |
| Allyl chloride                          | 0.21                                                                  | NS                          |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Benzene                                 | 0.58                                                                  | 5                           |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Benzyl Chloride                         | 0.089                                                                 | 0.0621                      |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Bromodichloromethane                    | 0.95                                                                  | 0.168                       |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |

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**Table 3**  
**Surface Water Analytical Results - Greens Creek**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**



| Analyte                                             | USEPA Water Quality Criteria (Water + Organism) (2015) <sup>(1)</sup> | MDEQ Groundwater TRG (2002) | Location:    | CM-00         | CM-01         | CM-02         | CM-03         | CM-04         | CM-05         |
|-----------------------------------------------------|-----------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                                     |                                                                       |                             | Type:        | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water |
|                                                     |                                                                       |                             | Feature:     | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  |
|                                                     |                                                                       |                             | Sample Date: | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    |
| Volatile Organic Compounds Method 8260B (continued) |                                                                       |                             |              |               |               |               |               |               |               |
| Bromoform                                           | 7                                                                     | 8.48                        |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Bromomethane                                        | 100                                                                   | 8.52                        |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Carbon Disulfide                                    | 81                                                                    | 1040                        |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Carbon Tetrachloride                                | 0.4                                                                   | 5                           |              | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       |
| CFC-11                                              | 520                                                                   | 1290                        |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| CFC-12                                              | 20                                                                    | 348                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Chlorobenzene                                       | 100                                                                   | 100                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Chlorodibromomethane                                | 0.8                                                                   | 0.126                       |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Chloroethane                                        | 830                                                                   | 3.64                        |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| Chloroform                                          | 60                                                                    | 0.155                       |              | 3.26          | 4.06          | 3.46          | 1.55          | <1.00 U       | <1.00 U       |
| Chloromethane                                       | 19                                                                    | 1.43                        |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| cis-1,2-Dichloroethene                              | 2.5                                                                   | 70                          |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| cis-1,3-Dichloropropene                             | NS                                                                    | NS                          |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Cyclohexane                                         | 1300                                                                  | NS                          |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Dibromomethane                                      | 0.83                                                                  | 60.8                        |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Dichloromethane                                     | 20                                                                    | 5                           |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Ethyl Methacrylate                                  | 63                                                                    | 548                         |              | <5.00 U*+     | <5.00 U*+     | <5.00 U*+     | <5.00 U*+     | <5.00 U*+     | <5.00 U*+F1   |
| Ethylbenzene                                        | 68                                                                    | 700                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Hexane                                              | 150                                                                   | 350                         |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Iodomethane                                         | NS                                                                    | NS                          |              | <20.0 U       | <20.0 U       | <20.0 U       | <20.0 U       | <20.0 U       | <20.0 U       |
| Isopropyl alcohol                                   | 41                                                                    | NS                          |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| Isopropylbenzene                                    | 45                                                                    | 679                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| m,p-Xylenes                                         | NS                                                                    | NS                          |              | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       |
| Methyl methacrylate                                 | 140                                                                   | 1420                        |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| Methyl N-Butyl Ketone (2-Hexanone)                  | 3.8                                                                   | 1460                        |              | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       | <50.0 U       |
| Methylacrylonitrile                                 | 0.19                                                                  | 1.04                        |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| Methyl-tert-butylether                              | 14                                                                    | 40                          |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| n-Propylbenzene                                     | 66                                                                    | 243                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |

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**Table 3**  
**Surface Water Analytical Results - Greens Creek**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**



| Analyte                                             | USEPA Water Quality Criteria (Water + Organism) (2015) <sup>(1)</sup> | MDEQ Groundwater TRG (2002) | Location:    | CM-00         | CM-01         | CM-02         | CM-03         | CM-04         | CM-05         |
|-----------------------------------------------------|-----------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                                     |                                                                       |                             | Type:        | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water |
|                                                     |                                                                       |                             | Feature:     | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  |
|                                                     |                                                                       |                             | Sample Date: | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    |
| Volatile Organic Compounds Method 8260B (continued) |                                                                       |                             |              |               |               |               |               |               |               |
| o-Xylene                                            | 19                                                                    | 12200                       |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Propionitrile                                       | NS                                                                    | NS                          |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| Styrene (Monomer)                                   | 120                                                                   | 100                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Tetrachloroethene                                   | 10                                                                    | 5                           |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Tetrahydrofuran                                     | 340                                                                   | NS                          |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| Toluene                                             | 57                                                                    | 1000                        |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| Total Xylenes                                       | 19                                                                    | 10000                       |              | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       |
| trans-1,2-Dichloroethene                            | 100                                                                   | 100                         |              | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       | <1.00 U       |
| trans-1,3-Dichloropropene                           | NS                                                                    | NS                          |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| trans-1,4-Dichloro-2-butene                         | 0.0013                                                                | NS                          |              | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       | <10.0 U       |
| Trichloroethene                                     | 0.6                                                                   | 5                           |              | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       | <5.00 U       |
| Vinyl acetate                                       | 41                                                                    | 412                         |              | <20.0 U       | <20.0 U       | <20.0 U       | <20.0 U       | <20.0 U       | <20.0 U       |
| Vinyl chloride                                      | 0.022                                                                 | 2                           |              | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       | <2.00 U       |
| Semivolatile Organic Compounds Method 8270D         |                                                                       |                             |              |               |               |               |               |               |               |
| 1,1-Biphenyl                                        | 0.083                                                                 | 304                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 1,2,4,5-Tetrachlorobenzene                          | 0.03                                                                  | 11                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 1,2,4-Trichlorobenzene                              | 0.071                                                                 | 70                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 1,2-Dichlorobenzene                                 | 1000                                                                  | 600                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 1,3,5-Trinitrobenzene                               | 59                                                                    | 1100                        |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| 1,3-Dichlorobenzene                                 | 7                                                                     | 5.48                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 1,3-Dinitrobenzene                                  | 0.2                                                                   | 3.65                        |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| 1,4-Dichlorobenzene                                 | 300                                                                   | 75                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 1,4-Dioxane                                         | 0.46                                                                  | 6.09                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | 0.771         |
| 1,4-Naphthoquinone                                  | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 1-Naphthylamine                                     | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U*-    | <0.571 U*-    | <0.569 U*-    |
| 2,2-Oxybis(1-Chloropropane)                         | 200                                                                   | NS                          |              | <2.84 U       | <2.85 U       | <2.87 U       | <2.87 U       | <2.85 U       | <2.84 U       |
| 2,3,4,6-Tetrachlorophenol                           | 24                                                                    | 1100                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| 2,4,5-Trichlorophenol                               | 300                                                                   | 3650                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |

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**Table 3**  
**Surface Water Analytical Results - Greens Creek**  
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**Hercules Inc. Superfund Site**  
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| Analyte                                                 | USEPA Water Quality Criteria (Water + Organism) (2015) <sup>(1)</sup> | MDEQ Groundwater TRG (2002) | Location:    | CM-00         | CM-01         | CM-02         | CM-03         | CM-04          | CM-05          |
|---------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|---------------|----------------|----------------|
|                                                         |                                                                       |                             | Type:        | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water  | Surface Water  |
|                                                         |                                                                       |                             | Feature:     | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek   | Greens Creek   |
|                                                         |                                                                       |                             | Sample Date: | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025     | 11/11/2025     |
| Semivolatile Organic Compounds Method 8270D (continued) |                                                                       |                             |              |               |               |               |               |                |                |
| 2,4,6-Trichlorophenol                                   | 1.5                                                                   | 6.09                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2,4-Dichlorophenol                                      | 10                                                                    | 110                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2,4-Dimethylphenol                                      | 100                                                                   | 730                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2,4-Dinitrophenol                                       | 10                                                                    | 73                          |              | <5.67 U       | <5.71 U       | <5.73 U       | <5.75 U       | <5.71 U        | <5.69 U        |
| 2,4-Dinitrotoluene                                      | 0.049                                                                 | 73                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U        | <1.14 U        |
| 2,6-Dichlorophenol                                      | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2,6-Dinitrotoluene                                      | 0.049                                                                 | 36.5                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Acetylaminofluorene                                   | 0.016                                                                 | NS                          |              | <2.84 U       | <2.85 U       | <2.87 U       | <2.87 U       | <2.85 U        | <2.84 U        |
| 2-Chloronaphthalene                                     | 800                                                                   | 487                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Chlorophenol                                          | 30                                                                    | 30.4                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Methyl-4,6-dinitrophenol                              | 2                                                                     | NS                          |              | <2.84 U       | <2.85 U       | <2.87 U       | <2.87 U       | <2.85 U        | <2.84 U        |
| 2-Methylnaphthalene                                     | 3.6                                                                   | 122                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Methylphenol                                          | 93                                                                    | 1830                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Naphthylamine                                         | 0.039                                                                 | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Nitroaniline                                          | 19                                                                    | 0.417                       |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Nitrophenol                                           | NS                                                                    | 0.416                       |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 2-Picoline                                              | NS                                                                    | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U*.*1   | <1.14 U*.*1    | <1.14 U*.*1    |
| 3,3-Dichlorobenzidine                                   | 0.049                                                                 | 0.149                       |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U        | <1.14 U        |
| 3,3-Dimethylbenzidine                                   | 0.0021                                                                | 0.00728                     |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U*.*1  | <0.571 U*.*1   | <0.569 U*.*1   |
| 3-Methylchloranthrene                                   | 0.0011                                                                | NS                          |              | <0.567 U*     | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 3-Methylphenol, 4-Methylphenol                          | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <b>0.439 J</b> | <b>0.112 J</b> |
| 3-Nitroaniline                                          | NS                                                                    | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U        | <1.14 U        |
| 4-Aminobiphenyl                                         | 0.003                                                                 | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 4-Bromophenyl phenyl ether                              | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 4-Chloro-3-Methylphenol                                 | 500                                                                   | 73000                       |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 4-Chlorophenyl phenyl ether                             | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 4-Dimethylaminoazobenzene                               | 0.005                                                                 | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U       | <0.569 U       |
| 4-Nitroaniline                                          | 3.8                                                                   | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U        | <1.14 U        |

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**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
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| Analyte                                                 | USEPA Water Quality Criteria (Water + Organism) (2015) <sup>(1)</sup> | MDEQ Groundwater TRG (2002) | Location:    | CM-00         | CM-01         | CM-02         | CM-03         | CM-04         | CM-05         |
|---------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                                         |                                                                       |                             | Type:        | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water |
|                                                         |                                                                       |                             | Feature:     | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  |
|                                                         |                                                                       |                             | Sample Date: | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    |
| Semivolatile Organic Compounds Method 8270D (continued) |                                                                       |                             |              |               |               |               |               |               |               |
| 4-Nitroquinoline-N-Oxide                                | NS                                                                    | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| 5-Nitro-o-Toluidine                                     | 8.2                                                                   | 2.03                        |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| 7,12-Dimethylbenz(a)anthracene                          | 0.0001                                                                | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Acenaphthene                                            | 70                                                                    | 365                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Acenaphthylene                                          | NS                                                                    | 2190                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Acetophenone                                            | 190                                                                   | 0.0416                      |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| Aniline                                                 | 13                                                                    | 11.7                        |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U*-     | <1.14 U*-     | <1.14 U*-     |
| Anthracene                                              | 300                                                                   | 43.4                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Aramite                                                 | 1.3                                                                   | NS                          |              | <0.567 U*-    | <0.571 U*-    | <0.573 U*-    | <0.575 U*-    | <0.571 U*-    | <0.569 U*-    |
| Aramite Peak 1                                          | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Aramite Peak 2                                          | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Benz(a)anthracene                                       | 0.0012                                                                | 0.0917                      |              | <0.284 U      | <0.285 U      | <0.287 U      | <0.287 U      | <0.285 U      | <0.284 U      |
| Benzo(a)pyrene                                          | 0.00012                                                               | 0.2                         |              | <0.284 U      | <0.285 U      | <0.287 U      | <0.287 U      | <0.285 U      | <0.284 U      |
| Benzo(b)fluoranthene                                    | 0.0012                                                                | 0.0917                      |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Benzo(g,h,i)perylene                                    | NS                                                                    | 1100                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Benzo(k)fluoranthene                                    | 0.012                                                                 | 0.917                       |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Benzyl Alcohol                                          | 200                                                                   | 11000                       |              | <2.84 U       | <2.85 U       | <2.87 U       | <2.87 U*-*1   | <2.85 U*-*1   | <2.84 U*-*1   |
| bis(2-Chloroethoxy)methane                              | 5.9                                                                   | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| bis(2-Chloroethyl)ether                                 | 0.03                                                                  | 0.0092                      |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| bis(2-Ethylhexyl)phthalate                              | 0.32                                                                  | 6                           |              | <1.13 U       | <1.14 U       | <1.15 U       | 0.582 J       | <1.14 U       | <1.14 U       |
| Butyl benzyl phthalate                                  | 0.1                                                                   | 2690                        |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| Chrysene                                                | 0.12                                                                  | 9.17                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Diallate                                                | 0.54                                                                  | NS                          |              | <0.567 U*-    | <0.571 U      | <0.573 U      | <0.575 U*-    | <0.571 U*-    | <0.569 U*-    |
| Diallate Peak 1                                         | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Diallate Peak 2                                         | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Dibenz(a,h)anthracene                                   | 0.00012                                                               | 0.00917                     |              | <0.113 U      | <0.114 U      | <0.115 U      | <0.115 U      | <0.114 U      | <0.114 U      |
| Dibenzofuran                                            | 0.79                                                                  | 24.3                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Diethyl phthalate                                       | 600                                                                   | 29200                       |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |

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**Hercules Inc. Superfund Site**  
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| Analyte                                                 | USEPA Water Quality Criteria (Water + Organism) (2015) <sup>(1)</sup> | MDEQ Groundwater TRG (2002) | Location:    | CM-00         | CM-01         | CM-02         | CM-03         | CM-04         | CM-05         |
|---------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                                         |                                                                       |                             | Type:        | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water |
|                                                         |                                                                       |                             | Feature:     | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  |
|                                                         |                                                                       |                             | Sample Date: | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    |
| Semivolatile Organic Compounds Method 8270D (continued) |                                                                       |                             |              |               |               |               |               |               |               |
| Dimethoate                                              | 4.4                                                                   | NS                          |              | <2.84 U*+     | <2.85 U*+     | <2.87 U*+     | <2.87 U*+     | <2.85 U*+     | <2.84 U*+     |
| Dimethyl phthalate                                      | NS                                                                    | 365000                      |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| Dimethylphenethylamine                                  | NS                                                                    | NS                          |              | <5.67 U*-     | <5.71 U*-     | <5.73 U*-     | <5.75 U*-     | <5.71 U*-     | <5.69 U*-     |
| Di-n-butyl phthalate                                    | 20                                                                    | 3650                        |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| Di-n-octyl phthalate                                    | 20                                                                    | 20                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| Dinoseb                                                 | 1.5                                                                   | 7                           |              | <2.84 U       | <2.85 U       | <2.87 U       | <2.87 U*+     | <2.85 U*+     | <2.84 U*+     |
| Diphenyl ether                                          | 0.083                                                                 | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | 0.156 J       |
| Disulfoton                                              | 0.05                                                                  | 1.46                        |              | <2.84 U*+     | <2.85 U*+     | <2.87 U*+     | <2.87 U*+     | <2.85 U*+     | <2.84 U*+     |
| Ethyl Methanesulfonate                                  | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Famphur                                                 | NS                                                                    | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| Fluoranthene                                            | 20                                                                    | 1460                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Fluorene                                                | 50                                                                    | 243                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Hexachloro-1,3-butadiene                                | 0.01                                                                  | 0.859                       |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Hexachlorobenzene                                       | 0.000079                                                              | 1                           |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Hexachlorocyclopentadiene                               | 4                                                                     | 50                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |
| Hexachloroethane                                        | 0.1                                                                   | 4.78                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Hexachloropropene                                       | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Indeno(1,2,3-cd)pyrene                                  | 0.0012                                                                | 0.0917                      |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Isophorone                                              | 34                                                                    | 70.5                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Isosafrole                                              | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Isosafrole Peak 1                                       | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Isosafrole Peak 2                                       | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Methapyrilene                                           | NS                                                                    | NS                          |              | <2.27 U       | <2.28 U       | <2.29 U       | <2.30 U*+     | <2.28 U*+     | <2.28 U*+     |
| Methyl methanesulfonate                                 | 0.79                                                                  | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Methyl parathion                                        | 0.45                                                                  | 9.13                        |              | <2.84 U*+     | <2.85 U*+     | <2.87 U*+     | <2.87 U*+     | <2.85 U*+     | <2.84 U*+     |
| Naphthalene                                             | 0.12                                                                  | 6.2                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| Nitrobenzene                                            | 10                                                                    | 3.53                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U      |
| N-Nitrosodiethylamine                                   | 0.00017                                                               | 0.000446                    |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U       |

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**Hattiesburg, Mississippi**



| Analyte                                                 | USEPA Water Quality Criteria (Water + Organism) (2015) <sup>(1)</sup> | MDEQ Groundwater TRG (2002) | Location:    | CM-00         | CM-01         | CM-02         | CM-03         | CM-04         | CM-05          |
|---------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|
|                                                         |                                                                       |                             | Type:        | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water | Surface Water  |
|                                                         |                                                                       |                             | Feature:     | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek  | Greens Creek   |
|                                                         |                                                                       |                             | Sample Date: | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025    | 11/11/2025     |
| Semivolatile Organic Compounds Method 8270D (continued) |                                                                       |                             |              |               |               |               |               |               |                |
| N-Nitrosodimethylamine                                  | 0.00011                                                               | 0.00131                     |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| N-Nitrosodi-n-butylamine                                | 0.0027                                                                | 0.00189                     |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U        |
| N-Nitrosodi-n-propylamine                               | 0.011                                                                 | 0.00957                     |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| N-Nitrosodiphenylamine                                  | 12                                                                    | 13.7                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| N-Nitrosomorpholine                                     | 0.012                                                                 | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U        |
| N-Nitroso-N-methylethylamine                            | 0.00071                                                               | 0.00304                     |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U        |
| N-Nitrosopiperidine                                     | 0.0082                                                                | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U        |
| N-Nitrosopyrrolidine                                    | 0.037                                                                 | 0.0319                      |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| o,o,o-Triethyl phosphorothioate                         | NS                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <b>0.332 J</b> |
| o,o-Diethyl o-pyrazinyl phosphorothioate                | NS                                                                    | NS                          |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U*+     | <1.14 U*+     | <1.14 U*+      |
| o-Toluidine                                             | 4.7                                                                   | 0.279                       |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Parathion                                               | 8.6                                                                   | 219                         |              | <1.13 U*+     | <1.14 U*+     | <1.15 U*+     | <1.15 U*+     | <1.14 U*+     | <1.14 U*+      |
| p-Chloroaniline                                         | 0.37                                                                  | 146                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Pentachlorobenzene                                      | 0.1                                                                   | 29.2                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Pentachloronitrobenzene                                 | 0.12                                                                  | 0.258                       |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Pentachlorophenol                                       | 0.03                                                                  | 1                           |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Phenacetin                                              | 34                                                                    | NS                          |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Phenanthrene                                            | NS                                                                    | 1100                        |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Phenol                                                  | 4000                                                                  | 21900                       |              | <1.13 U       | <1.14 U       | <1.15 U       | <1.15 U       | <1.14 U       | <1.14 U        |
| Phorate                                                 | 0.3                                                                   | NS                          |              | <5.67 U*+     | <5.71 U*+     | <5.73 U*+     | <5.75 U*+     | <5.71 U*+     | <5.69 U*+      |
| p-Phenylenediamine                                      | 2                                                                     | 6940                        |              | <5.67 U       | <5.71 U       | <5.73 U       | <5.75 U*-     | <5.71 U*-     | <5.69 U*-      |
| Propyzamide                                             | 120                                                                   | NS                          |              | <0.567 U*-    | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Pyrene                                                  | 20                                                                    | 183                         |              | <0.567 U      | <0.571 U      | <0.573 U      | <0.575 U      | <0.571 U      | <0.569 U       |
| Pyridine                                                | 2                                                                     | 36.5                        |              | <2.84 U       | <2.85 U       | <2.87 U       | <2.87 U*.*1   | <2.85 U*.*1   | <2.84 U*.*1    |
| Safrole                                                 | 0.096                                                                 | NS                          |              | <0.567 U*-    | <0.571 U*-    | <0.573 U*-    | <0.575 U*-    | <0.571 U*-    | <0.569 U*-     |
| Sulfotep                                                | 0.71                                                                  | NS                          |              | <1.13 U*+     | <1.14 U*+     | <1.15 U*+     | <1.15 U*+     | <1.14 U*+     | <1.14 U*+      |

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**Table 3**  
**Surface Water Analytical Results - Greens Creek**  
**Quarterly Progress Report (December 2025 - March 2026)**  
**Hercules Inc. Superfund Site**  
**Hattiesburg, Mississippi**

**Notes:**

<sup>(1)</sup> Screening Levels refer to the 2015 USEPA Human Health Water Quality Criteria for the consumption of Water + Organism, or to the USEPA Tap Water RSL (HI=0.1, November 2024) if no Water Quality Criterion exists.

<sup>(2)</sup> MDEQ has indicated that the published TRG for acetophenone is incorrect and that the USEPA RSL should be used; therefore, the MDEQ TRG is shown as "NS."

Results are reported in micrograms per liter (µg/L).

Detections are in **bold** print.

Concentrations above USEPA Water Quality Criteria are **red and italic font**.

Concentrations above MDEQ Groundwater TRG are shaded gray.

\* LCS or LCS duplicate is outside acceptance limits.

\*- LCS and/or LCS duplicate is outside acceptance limits, low biased.

\*+ LCS and/or LCS duplicate is outside acceptance limits, high biased.

\*1 LCS/LCS duplicate relative percent difference exceeds control limits.

< / U - Indicates analyte was analyzed for but not detected.

HI - Hazard Index.

J - Result is less than the reporting limit but greater than or equal to the method detection limit. Concentration is an approximate value.

LCS - Laboratory Control Sample.

MDEQ - Mississippi Department of Environmental Quality.

NS - No Standard.

RSL - Regional Screening Level.

TRG - Target Remediation Goal.

USEPA - U.S. Environmental Protection Agency.



Table 4  
Quality Assurance/Quality Control Analytical Results  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                              | Location:    | FB-01      | FB-02     | FB-03     | FB-04      | RB-01      | RB-02     | RB-03     | RB-04      | TB-01     | TB-02     | TB-03     | TB-04     | TB-05     | TB-06     | TB-07      | TB-08      | TB-09      | TB-10      |
|------------------------------------------------------|--------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
|                                                      | Sample Date: | 11/11/2025 | 11/7/2025 | 11/5/2025 | 11/13/2025 | 11/12/2025 | 11/7/2025 | 11/5/2025 | 11/13/2025 | 11/4/2025 | 11/5/2025 | 11/5/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/10/2025 | 11/10/2025 | 11/12/2025 | 11/13/2025 |
| Volatile Organic Compounds; Method 8260B (continued) |              |            |           |           |            |            |           |           |            |           |           |           |           |           |           |            |            |            |            |
| Cyclohexane                                          |              | <5.00 U    | <5.00 U   | 9.69      | <5.00 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    |
| Dibromomethane                                       |              | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| Dichloromethane                                      |              | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U*  | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    |
| Ethyl Methacrylate                                   |              | <5.00 U    | <5.00 U** | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U** | <5.00 U   | <5.00 U    | <5.00 U*  | <5.00 U** | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U*  | <5.00 U**  | <5.00 U    | <5.00 U*   | <5.00 U    |
| Ethylbenzene                                         |              | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| Hexane                                               |              | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    |
| Iodomethane                                          |              | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U    | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U*  | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    |
| Isopropyl alcohol                                    |              | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    |
| Isopropylbenzene                                     |              | <1.00 U    | <1.00 U   | 5.14      | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| m,p-Xylenes                                          |              | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    |
| Methyl methacrylate                                  |              | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    |
| Methyl N-Butyl Ketone (2-Hexanone)                   |              | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U    | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U    | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U   | <50.0 U    | <50.0 U    | <50.0 U    | <50.0 U    |
| Methylacrylonitrile                                  |              | <10.0 U    | <10.0 U** | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U** | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    |
| Methyl-tert-butylether                               |              | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    |
| n-Propylbenzene                                      |              | <1.00 U    | <1.00 U   | 2.58      | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| o-Xylene                                             |              | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| Propionitrile                                        |              | <10.0 U    | <10.0 U** | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U** | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    |
| Styrene (Monomer)                                    |              | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| Tetrachloroethene                                    |              | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| Tetrahydrofuran                                      |              | <10.0 U    | <10.0 U** | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U** | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U    | <10.0 U    |
| Toluene                                              |              | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| Total Xylenes                                        |              | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    |
| trans-1,2-Dichloroethene                             |              | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U   | <1.00 U    | <1.00 U    | <1.00 U    | <1.00 U    |
| trans-1,3-Dichloropropene                            |              | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    |
| trans-1,4-Dichloro-2-butene                          |              | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U   | <10.0 U    | <10.0 U    | <10.0 U*   | <10.0 U    |
| Trichloroethene                                      |              | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U   | <5.00 U    | <5.00 U    | <5.00 U    | <5.00 U    |
| Vinyl acetate                                        |              | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U    | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U    | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U   | <20.0 U    | <20.0 U    | <20.0 U    | <20.0 U    |
| Vinyl chloride                                       |              | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U   | <2.00 U    | <2.00 U    | <2.00 U    | <2.00 U    |
| Semivolatile Organic Compounds; Method 8270D         |              |            |           |           |            |            |           |           |            |           |           |           |           |           |           |            |            |            |            |
| 1,1-Biphenyl                                         |              | --         | --        | --        | --         | <0.571 U   | 15.5      | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,2,4,5-Tetrachlorobenzene                           |              | --         | --        | --        | --         | <0.571 U   | <0.571 U  | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,2,4-Trichlorobenzene                               |              | --         | --        | --        | --         | <0.571 U   | <0.571 U  | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,2-Dichlorobenzene                                  |              | --         | --        | --        | --         | <0.571 U*  | <0.571 U  | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,3,5-Trinitrobenzene                                |              | --         | --        | --        | --         | <1.14 U    | <1.14 U   | <1.15 U*1 | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,3-Dichlorobenzene                                  |              | --         | --        | --        | --         | <0.571 U   | <0.571 U  | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,3-Dinitrobenzene                                   |              | --         | --        | --        | --         | <1.14 U*   | <1.14 U   | <1.15 U   | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,4-Dichlorobenzene                                  |              | --         | --        | --        | --         | <0.571 U*  | <0.571 U  | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,4-Dioxane                                          |              | --         | --        | --        | --         | <0.571 U   | <0.571 U  | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1,4-Naphthoquinone                                   |              | --         | --        | --        | --         | <0.571 U   | <0.571 U  | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 1-Naphthylamine                                      |              | --         | --        | --        | --         | <0.571 U   | <0.571 U* | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,2-Oxybis(1-Chloropropane)                          |              | --         | --        | --        | --         | <2.85 U*   | <2.86 U   | <2.87 U   | <2.86 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |

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Table 4  
Quality Assurance/Quality Control Analytical Results  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | Location:    | FB-01      | FB-02     | FB-03     | FB-04      | RB-01       | RB-02        | RB-03        | RB-04      | TB-01     | TB-02     | TB-03     | TB-04     | TB-05     | TB-06     | TB-07      | TB-08      | TB-09      | TB-10      |
|----------------------------------------------------------|--------------|------------|-----------|-----------|------------|-------------|--------------|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
|                                                          | Sample Date: | 11/11/2025 | 11/7/2025 | 11/5/2025 | 11/13/2025 | 11/12/2025  | 11/7/2025    | 11/5/2025    | 11/13/2025 | 11/4/2025 | 11/5/2025 | 11/5/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/10/2025 | 11/10/2025 | 11/12/2025 | 11/13/2025 |
| Semivolatile Organic Compounds; Method 8270D (continued) |              |            |           |           |            |             |              |              |            |           |           |           |           |           |           |            |            |            |            |
| 2,3,4,6-Tetrachlorophenol                                |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,4,5-Trichlorophenol                                    |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,4,6-Trichlorophenol                                    |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,4-Dichlorophenol                                       |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,4-Dimethylphenol                                       |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,4-Dinitrophenol                                        |              | --         | --        | --        | --         | <5.71 U     | <5.71 U      | <5.74 U      | <5.71 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,4-Dinitrotoluene                                       |              | --         | --        | --        | --         | <1.14 U     | <1.14 U      | <1.15 U      | <1.14 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,6-Dichlorophenol                                       |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2,6-Dinitrotoluene                                       |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Acetylaminofluorene                                    |              | --         | --        | --        | --         | <2.85 U     | <2.86 U      | <2.87 U*     | <2.86 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Chloronaphthalene                                      |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Chlorophenol                                           |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Methyl-4,6-dinitrophenol                               |              | --         | --        | --        | --         | <2.85 U     | <2.86 U      | <2.87 U      | <2.86 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Methylnaphthalene                                      |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Methylphenol                                           |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Naphthylamine                                          |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U*1   | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Nitroaniline                                           |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Nitrophenol                                            |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 2-Picoline                                               |              | --         | --        | --        | --         | <1.14 U*.*1 | <1.14 U*.*1  | <1.15 U*.*1  | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 3,3-Dichlorobenzidine                                    |              | --         | --        | --        | --         | <1.14 U     | <1.14 U      | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 3,3-Dimethylbenzidine                                    |              | --         | --        | --        | --         | <0.571 U    | <0.571 U*.*1 | <0.574 U*.*1 | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 3-Methylchloranthrene                                    |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U     | <0.574 U*    | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 3-Methylphenol, 4-Methylphenol                           |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 3-Nitroaniline                                           |              | --         | --        | --        | --         | <1.14 U     | <1.14 U      | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 4-Aminobiphenyl                                          |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 4-Bromophenyl phenyl ether                               |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 4-Chloro-3-Methylphenol                                  |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 4-Chlorophenyl phenyl ether                              |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 4-Dimethylaminoazobenzene                                |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 4-Nitroaniline                                           |              | --         | --        | --        | --         | <1.14 U     | <1.14 U      | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 4-Nitroquinoline-N-Oxide                                 |              | --         | --        | --        | --         | <1.14 U     | <1.14 U      | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 5-Nitro-o-Toluidine                                      |              | --         | --        | --        | --         | <1.14 U     | <1.14 U      | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| 7,12-Dimethylbenz(a)anthracene                           |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Acenaphthene                                             |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Acenaphthylene                                           |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Acetophenone                                             |              | --         | --        | --        | --         | <1.14 U*    | <1.14 U      | <1.15 U*     | 0.142 J    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Aniline                                                  |              | --         | --        | --        | --         | <1.14 U*    | <1.14 U*     | <1.15 U*.*1  | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Anthracene                                               |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Aramite                                                  |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U     | <0.574 U*    | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Aramite Peak 1                                           |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U*    | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Aramite Peak 2                                           |              | --         | --        | --        | --         | <0.571 U    | <0.571 U     | <0.574 U*    | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |

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Table 4  
Quality Assurance/Quality Control Analytical Results  
Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
Hattiesburg, Mississippi



| Analyte                                                  | Location:    | FB-01      | FB-02     | FB-03     | FB-04      | RB-01       | RB-02       | RB-03     | RB-04      | TB-01     | TB-02     | TB-03     | TB-04     | TB-05     | TB-06     | TB-07      | TB-08      | TB-09      | TB-10      |
|----------------------------------------------------------|--------------|------------|-----------|-----------|------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
|                                                          | Sample Date: | 11/11/2025 | 11/7/2025 | 11/5/2025 | 11/13/2025 | 11/12/2025  | 11/7/2025   | 11/5/2025 | 11/13/2025 | 11/4/2025 | 11/5/2025 | 11/5/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/10/2025 | 11/10/2025 | 11/12/2025 | 11/13/2025 |
| Semivolatile Organic Compounds; Method 8270D (continued) |              |            |           |           |            |             |             |           |            |           |           |           |           |           |           |            |            |            |            |
| Benz(a)anthracene                                        |              | --         | --        | --        | --         | <0.285 U    | <0.286 U    | <0.287 U  | <0.286 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Benzo(a)pyrene                                           |              | --         | --        | --        | --         | <0.285 U*   | <0.286 U    | <0.287 U  | <0.286 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Benzo(b)fluoranthene                                     |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Benzo(g,h,i)perylene                                     |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Benzo(k)fluoranthene                                     |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Benzyl Alcohol                                           |              | --         | --        | --        | --         | <2.85 U*.*1 | <2.86 U*.*1 | <2.87 U   | <2.86 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| bis(2-Chloroethoxy)methane                               |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| bis(2-Chloroethyl)ether                                  |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| bis(2-Ethylhexyl)phthalate                               |              | --         | --        | --        | --         | <1.14 U     | <1.14 U     | <1.15 U   | <1.14 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Butyl benzyl phthalate                                   |              | --         | --        | --        | --         | <1.14 U*    | <1.14 U     | <1.15 U   | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Chrysene                                                 |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Diallate                                                 |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U    | <0.574 U* | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Diallate Peak 1                                          |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U* | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Diallate Peak 2                                          |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U    | <0.574 U* | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Dibenz(a,h)anthracene                                    |              | --         | --        | --        | --         | <0.114 U*   | <0.114 U    | <0.115 U  | <0.114 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Dibenzofuran                                             |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Diethyl phthalate                                        |              | --         | --        | --        | --         | <1.14 U     | <1.14 U     | <1.15 U   | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Dimethoate                                               |              | --         | --        | --        | --         | <2.85 U*+   | <2.86 U*+   | <2.87 U*+ | <2.86 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Dimethyl phthalate                                       |              | --         | --        | --        | --         | <1.14 U     | <1.14 U     | <1.15 U   | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Dimethylphenethylamine                                   |              | --         | --        | --        | --         | <5.71 U*    | <5.71 U*    | <5.74 U*  | <5.71 U*1  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Di-n-butyl phthalate                                     |              | --         | --        | --        | --         | <1.14 U     | <1.14 U     | <1.15 U   | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Di-n-octyl phthalate                                     |              | --         | --        | --        | --         | <1.14 U     | <1.14 U     | <1.15 U*  | <1.14 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Dinoseb                                                  |              | --         | --        | --        | --         | <2.85 U     | <2.86 U*+   | <2.87 U*+ | <2.86 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Diphenyl ether                                           |              | --         | --        | --        | --         | 0.475 J     | 58.2        | <0.574 U  | 13.7       | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Disulfoton                                               |              | --         | --        | --        | --         | <2.85 U*+   | <2.86 U*+   | <2.87 U*+ | <2.86 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Ethyl Methanesulfonate                                   |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Famphur                                                  |              | --         | --        | --        | --         | <1.14 U     | <1.14 U     | <1.15 U   | <1.14 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Fluoranthene                                             |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Fluorene                                                 |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Hexachloro-1,3-butadiene                                 |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Hexachlorobenzene                                        |              | --         | --        | --        | --         | <0.571 U*   | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Hexachlorocyclopentadiene                                |              | --         | --        | --        | --         | <1.14 U     | <1.14 U     | <1.15 U   | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Hexachloroethane                                         |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Hexachloropropene                                        |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Indeno(1,2,3-cd)pyrene                                   |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Isophorone                                               |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Isosafrole                                               |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Isosafrole Peak 1                                        |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Isosafrole Peak 2                                        |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Methapyrilene                                            |              | --         | --        | --        | --         | <2.28 U*+   | <2.29 U*+   | <2.30 U   | <2.29 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Methyl methanesulfonate                                  |              | --         | --        | --        | --         | <0.571 U    | <0.571 U    | <0.574 U  | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |

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Quarterly Progress Report (December 2025 - March 2026)  
Hercules Inc. Superfund Site  
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| Analyte                                                  | Location:    | FB-01      | FB-02     | FB-03     | FB-04      | RB-01       | RB-02          | RB-03        | RB-04      | TB-01     | TB-02     | TB-03     | TB-04     | TB-05     | TB-06     | TB-07      | TB-08      | TB-09      | TB-10      |
|----------------------------------------------------------|--------------|------------|-----------|-----------|------------|-------------|----------------|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
|                                                          | Sample Date: | 11/11/2025 | 11/7/2025 | 11/5/2025 | 11/13/2025 | 11/12/2025  | 11/7/2025      | 11/5/2025    | 11/13/2025 | 11/4/2025 | 11/5/2025 | 11/5/2025 | 11/6/2025 | 11/6/2025 | 11/6/2025 | 11/10/2025 | 11/10/2025 | 11/12/2025 | 11/13/2025 |
| Semivolatile Organic Compounds; Method 8270D (continued) |              |            |           |           |            |             |                |              |            |           |           |           |           |           |           |            |            |            |            |
| Methyl parathion                                         |              | --         | --        | --        | --         | <2.85 U*+   | <2.86 U*+      | <2.87 U*+    | <2.86 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Naphthalene                                              |              | --         | --        | --        | --         | <0.571 U    | <b>0.187 J</b> | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Nitrobenzene                                             |              | --         | --        | --        | --         | <0.571 U*-  | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosodiethylamine                                    |              | --         | --        | --        | --         | <1.14 U*-   | <1.14 U        | <1.15 U*-    | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosodimethylamine                                   |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosodi-n-butylamine                                 |              | --         | --        | --        | --         | <1.14 U     | <1.14 U        | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosodi-n-propylamine                                |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U*+ | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosodiphenylamine                                   |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosomorpholine                                      |              | --         | --        | --        | --         | <1.14 U     | <1.14 U        | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitroso-N-methylethylamine                             |              | --         | --        | --        | --         | <1.14 U     | <1.14 U        | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosopiperidine                                      |              | --         | --        | --        | --         | <1.14 U     | <1.14 U        | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| N-Nitrosopyrrolidine                                     |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| o,o,o-Triethyl phosphorothioate                          |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| o,o-Diethyl o-pyrazinyl phosphorothioate                 |              | --         | --        | --        | --         | <1.14 U     | <1.14 U*+      | <1.15 U      | <1.14 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| o-Toluidine                                              |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U*-*1 | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Parathion                                                |              | --         | --        | --        | --         | <1.14 U*+   | <1.14 U*+      | <1.15 U*+    | <1.14 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| p-Chloroaniline                                          |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U*1   | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Pentachlorobenzene                                       |              | --         | --        | --        | --         | <0.571 U*-  | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Pentachloronitrobenzene                                  |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Pentachlorophenol                                        |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Phenacetin                                               |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Phenanthrene                                             |              | --         | --        | --        | --         | <0.571 U*-  | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Phenol                                                   |              | --         | --        | --        | --         | <1.14 U     | <1.14 U        | <1.15 U      | <1.14 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Phorate                                                  |              | --         | --        | --        | --         | <5.71 U*+   | <5.71 U*+      | <5.74 U*+    | <5.71 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| p-Phenylenediamine                                       |              | --         | --        | --        | --         | <5.71 U*-*1 | <5.71 U*-      | <5.74 U*1    | <5.71 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Propyzamide                                              |              | --         | --        | --        | --         | <0.571 U*-  | <0.571 U       | <0.574 U*-   | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Pyrene                                                   |              | --         | --        | --        | --         | <0.571 U    | <0.571 U       | <0.574 U     | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Pyridine                                                 |              | --         | --        | --        | --         | <2.85 U*-   | <2.86 U*-*1    | <2.87 U*-    | <2.86 U    | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Safrole                                                  |              | --         | --        | --        | --         | <0.571 U*-  | <0.571 U*-     | <0.574 U*-   | <0.571 U   | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Sulfotep                                                 |              | --         | --        | --        | --         | <1.14 U*+   | <1.14 U*+      | <1.15 U*+    | <1.14 U*+  | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |
| Delnav; Method 8321A                                     |              |            |           |           |            |             |                |              |            |           |           |           |           |           |           |            |            |            |            |
| Total Dioxathion                                         |              | --         | --        | --        | --         | <1.00 U     | --             | --           | --         | --        | --        | --        | --        | --        | --        | --         | --         | --         | --         |

**Notes:**  
Results are reported in micrograms per liter (µg/L).  
Detections are in **bold** print.  
\* LCS or LCS duplicate is outside acceptance limits.  
\*- LCS and/or LCS duplicate is outside acceptance limits, low biased.  
\*+ LCS and/or LCS duplicate is outside acceptance limits, high biased.  
\*1 LCS/LCS duplicate relative percent difference exceeds control limits.  
< / U - Indicates analyte was analyzed for but not detected.  
J - Result is less than the reporting limit but greater than or equal to the method detection limit. Concentration is an approximate value.  
LCS - Laboratory Control Sample.

# Attachment A

**Laboratory Analytical Reports – November 2025**

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Timothy Hassett  
Ashland LLC  
Ashland Hercules Research Center  
500 Hercules Road  
Bldg 8145  
Wilmington, Delaware 19808  
Generated 11/18/2025 3:49:08 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-115709-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
11/18/2025 3:49:08 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
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## Definitions/Glossary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                      |
|-----------|------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased. |
| F1        | MS and/or MSD recovery exceeds control limits.             |
| U         | Indicates the analyte was analyzed for but not detected.   |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

# Case Narrative

Client: Ashland LLC  
Project: Hercules Hattiesburg, MS

Job ID: 860-115709-1

**Job ID: 860-115709-1**

**Eurofins Houston**

## Job Narrative 860-115709-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/5/2025 9:11 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-274817 recovered above the upper control limit for Ethyl methacrylate (32%), Methylene Chloride (45%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-274817/2).

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-274817 recovered outside control limits for the following analytes: Ethyl methacrylate and Methylene Chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-274817 were outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-274826 recovered above the upper control limit for 1,3-Dichlorobenzene, Di-n-octyl phthalate, N-Nitrosodi-n-butylamine and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-274826/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-274826 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-274826/3).

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-275005 and analytical batch 860-274826 recovered outside control limits for the following analytes: Dimethoate, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate and Sulfotepp. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275005 and analytical batch 860-274826 recovered outside control limits for the following analyte(s): 3,3'-

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## Case Narrative

Client: Ashland LLC  
Project: Hercules Hattiesburg, MS

Job ID: 860-115709-1

### Job ID: 860-115709-1 (Continued)

Eurofins Houston

Dimethylbenzidine. 3,3'-Dimethylbenzidine have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275090 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275090/3).

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: HMW-5 (860-115709-5). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Detection Summary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

**Client Sample ID: HMW-4**

**Lab Sample ID: 860-115709-1**

No Detections.

**Client Sample ID: HMW-2**

**Lab Sample ID: 860-115709-2**

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Diphenyl ether | 0.209  | J         | 0.568 | 0.100 | ug/L | 1       |   | 8270E  | Total/NA  |

**Client Sample ID: HMW-1**

**Lab Sample ID: 860-115709-3**

No Detections.

**Client Sample ID: HMW-3**

**Lab Sample ID: 860-115709-4**

No Detections.

**Client Sample ID: HMW-5**

**Lab Sample ID: 860-115709-5**

No Detections.

**Client Sample ID: TB-01**

**Lab Sample ID: 860-115709-6**

No Detections.

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-4

Lab Sample ID: 860-115709-1

Date Collected: 11/04/25 08:41

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 15:30 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 15:30 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 15:30 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 15:30 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 15:30 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 15:30 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 15:30 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Ethyl methacrylate                    | <1.12  | U **      | 5.00 | 1.12  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 15:30 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 15:30 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 15:30 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-4

Lab Sample ID: 860-115709-1

Date Collected: 11/04/25 08:41

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Methylene Chloride          | <1.73     | U **      | 5.00    | 1.73     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 15:30 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 15:30 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 15:30 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 15:30 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 15:30 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 15:30 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 15:30 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 15:30 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 15:30 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 15:30 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 15:30 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 15:30 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/11/25 15:30 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 74 - 124 |          | 11/11/25 15:30 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 131 |          | 11/11/25 15:30 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/11/25 15:30 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-4

Lab Sample ID: 860-115709-1

Date Collected: 11/04/25 08:41

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 4-Chloroaniline             | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 4-Nitroaniline              | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Acenaphthene                | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Aniline                     | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Anthracene                  | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |

Eurofins Houston

# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-4

Lab Sample ID: 860-115709-1

Date Collected: 11/04/25 08:41

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                     | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 4-Aminobiphenyl                   | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,2,4,5-Tetrachlorobenzene        | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,3,5-Trinitrobenzene             | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,3-Dinitrobenzene                | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1,4-Naphthoquinone                | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 1-Naphthylamine                   | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2,6-Dichlorophenol                | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Acetylaminofluorene             | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Chlorophenol                    | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Naphthylamine                   | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Picoline                        | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Toluidine                       | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 3,3'-Dichlorobenzidine            | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 3,3'-Dimethylbenzidine            | <0.295  | U *       | 0.571 | 0.295  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 3-Methylcholanthrene              | <0.0881 | U *       | 0.571 | 0.0881 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Aramite Peak 1                    | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Aramite Peak 2                    | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Aramite, Total                    | <0.184  | U *       | 0.571 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Diallate                          | <0.0299 | U *       | 0.571 | 0.0299 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Diallate Peak 1                   | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Diallate Peak 2                   | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Dimethoate                        | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Dinoseb                           | <0.676  | U         | 2.86  | 0.676  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Disulfoton                        | <2.15   | U **      | 2.86  | 2.15   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Ethyl methanesulfonate            | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Ethyl Parathion                   | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Famphur                           | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Hexachloropropene                 | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Isosafrole                        | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Isosafrole Peak 1                 | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Isosafrole Peak 2                 | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Methapyrilene                     | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Methyl methanesulfonate           | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Methyl parathion                  | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosodiethylamine             | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosodimethylamine            | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosodi-n-butylamine          | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosomethylethylamine         | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosomorpholine               | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| p-Dimethylamino azobenzene        | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Pentachloronitrobenzene           | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Phenacetin                        | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Phorate                           | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| p-Phenylene diamine               | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-4

Lab Sample ID: 860-115709-1

Date Collected: 11/04/25 08:41

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pronamide      | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Safrole, Total | <0.0920 | U *-      | 0.571 | 0.0920 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Sulfotepp      | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Thionazin      | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:27 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 82        |           | 26 - 136 | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Fluorobiphenyl            | 65        |           | 39 - 130 | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| 2-Fluorophenol (Surr)       | 32        |           | 19 - 120 | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  | 11/11/25 15:35 | 11/11/25 19:27 | 1       |
| p-Terphenyl-d14             | 85        |           | 28 - 130 | 11/11/25 15:35 | 11/11/25 19:27 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U         | 5.71 | 1.45 | ug/L |   | 11/11/25 15:35 | 11/12/25 19:02 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 94        |           | 26 - 136 | 11/11/25 15:35 | 11/12/25 19:02 | 1       |
| 2-Fluorobiphenyl            | 68        |           | 39 - 130 | 11/11/25 15:35 | 11/12/25 19:02 | 1       |
| 2-Fluorophenol (Surr)       | 31        |           | 19 - 120 | 11/11/25 15:35 | 11/12/25 19:02 | 1       |
| Nitrobenzene-d5 (Surr)      | 77        |           | 32 - 133 | 11/11/25 15:35 | 11/12/25 19:02 | 1       |
| Phenol-d5 (Surr)            | 15        |           | 8 - 124  | 11/11/25 15:35 | 11/12/25 19:02 | 1       |
| p-Terphenyl-d14             | 84        |           | 28 - 130 | 11/11/25 15:35 | 11/12/25 19:02 | 1       |

Client Sample ID: HMW-2

Lab Sample ID: 860-115709-2

Date Collected: 11/04/25 10:18

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 15:50 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 15:50 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 15:50 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 15:50 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 15:50 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-2

Lab Sample ID: 860-115709-2

Date Collected: 11/04/25 10:18

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| 4-Methyl-2-pentanone        | <5.00     | U         | 50.0    | 5.00     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Acetone                     | <3.07     | U         | 100     | 3.07     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Acetonitrile                | <14.6     | U         | 100     | 14.6     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Acrolein                    | <11.1     | U         | 50.0    | 11.1     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/11/25 15:50 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/11/25 15:50 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/11/25 15:50 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Methylene Chloride          | <1.73     | U **      | 5.00    | 1.73     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 15:50 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 15:50 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 15:50 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 15:50 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 15:50 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 15:50 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 15:50 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 15:50 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-2

Lab Sample ID: 860-115709-2

Date Collected: 11/04/25 10:18

Matrix: Water

Date Received: 11/05/25 09:11

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/11/25 15:50 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 74 - 124 |          | 11/11/25 15:50 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 131 |          | 11/11/25 15:50 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/11/25 15:50 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.568 | 0.120  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.568 | 0.100  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.568 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.568 | 0.429  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.568 | 0.116  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.568 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.568 | 0.111  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.568 | 0.104  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.68  | 1.37   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,4-Dinitrotoluene           | <0.510  | U         | 1.14  | 0.510  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.568 | 0.271  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.568 | 0.157  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.568 | 0.136  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 3 & 4 Methylphenol           | <0.0939 | U         | 0.568 | 0.0939 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.14  | 0.221  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4-Chloroaniline              | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0948 | U         | 0.568 | 0.0948 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4-Nitroaniline               | <0.269  | U         | 1.14  | 0.269  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.568 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Aniline                      | <0.447  | U         | 1.14  | 0.447  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Anthracene                   | <0.103  | U         | 0.568 | 0.103  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.284 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Benzo[g,h,i]perylene         | <0.0898 | U         | 0.568 | 0.0898 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.568 | 0.123  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Benzyl alcohol               | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.568  | U         | 1.14  | 0.568  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Butyl benzyl phthalate       | <0.334  | U         | 1.14  | 0.334  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Chrysene                     | <0.0960 | U         | 0.568 | 0.0960 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Dibenz(a,h)anthracene        | <0.0846 | U         | 0.114 | 0.0846 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Dibenzofuran                 | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |

Eurofins Houston

# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-2

Lab Sample ID: 860-115709-2

Date Collected: 11/04/25 10:18

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diethyl phthalate              | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Dimethyl phthalate             | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Di-n-butyl phthalate           | <0.656  | U         | 1.14  | 0.656  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Di-n-octyl phthalate           | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Fluoranthene                   | <0.119  | U         | 0.568 | 0.119  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Fluorene                       | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Hexachlorobenzene              | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Hexachlorobutadiene            | <0.161  | U         | 0.568 | 0.161  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Hexachlorocyclopentadiene      | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Hexachloroethane               | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Isophorone                     | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Naphthalene                    | <0.114  | U         | 0.568 | 0.114  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Nitrobenzene                   | <0.151  | U         | 0.568 | 0.151  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosodi-n-propylamine      | <0.146  | U         | 0.568 | 0.146  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosodiphenylamine         | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Pentachlorophenol              | <0.310  | U         | 0.568 | 0.310  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Phenanthrene                   | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Phenol                         | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Pyrene                         | <0.128  | U         | 0.568 | 0.128  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Pyridine                       | <0.832  | U         | 2.84  | 0.832  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitro-o-toluidine            | <0.648  | U         | 1.14  | 0.648  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.252  | U         | 0.568 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Acetophenone                   | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosopiperidine            | <0.627  | U         | 1.14  | 0.627  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Pentachlorobenzene             | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Diphenyl ether                 | 0.209   | J         | 0.568 | 0.100  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,1'-Biphenyl                  | <0.113  | U         | 0.568 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4-Aminobiphenyl                | <0.194  | U         | 0.568 | 0.194  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115  | U         | 0.568 | 0.115  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,3,5-Trinitrobenzene          | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,3-Dinitrobenzene             | <0.584  | U         | 1.14  | 0.584  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1,4-Naphthoquinone             | <0.0609 | U         | 0.568 | 0.0609 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 1-Naphthylamine                | <0.268  | U         | 0.568 | 0.268  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2,6-Dichlorophenol             | <0.0967 | U         | 0.568 | 0.0967 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Acetylaminofluorene          | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Chlorophenol                 | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Naphthylamine                | <0.409  | U         | 0.568 | 0.409  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Picoline                     | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Toluidine                    | <0.422  | U         | 0.568 | 0.422  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 3,3'-Dichlorobenzidine         | <0.646  | U         | 1.14  | 0.646  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 3,3'-Dimethylbenzidine         | <0.293  | U *       | 0.568 | 0.293  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 3-Methylcholanthrene           | <0.0876 | U *       | 0.568 | 0.0876 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.633  | U         | 1.14  | 0.633  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.127  | U         | 0.568 | 0.127  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Aramite Peak 1                 | <0.183  | U         | 0.568 | 0.183  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Aramite Peak 2                 | <0.202  | U         | 0.568 | 0.202  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Aramite, Total                 | <0.183  | U *       | 0.568 | 0.183  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Diallate                       | <0.0297 | U *       | 0.568 | 0.0297 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-2

Lab Sample ID: 860-115709-2

Date Collected: 11/04/25 10:18

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate Peak 1                   | <0.0743 | U         | 0.568 | 0.0743 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Diallate Peak 2                   | <0.0297 | U         | 0.568 | 0.0297 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Dimethoate                        | <0.496  | U **      | 2.84  | 0.496  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Dinoseb                           | <0.672  | U         | 2.84  | 0.672  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Disulfoton                        | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Ethyl methanesulfonate            | <0.184  | U         | 0.568 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Ethyl Parathion                   | <0.622  | U **      | 1.14  | 0.622  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Famphur                           | <0.257  | U         | 1.14  | 0.257  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Hexachloropropene                 | <0.568  | U         | 0.568 | 0.568  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Isosafrole                        | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Isosafrole Peak 1                 | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Isosafrole Peak 2                 | <0.0979 | U         | 0.568 | 0.0979 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Methapyriline                     | <1.51   | U         | 2.27  | 1.51   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Methyl methanesulfonate           | <0.185  | U         | 0.568 | 0.185  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Methyl parathion                  | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosodiethylamine             | <0.669  | U         | 1.14  | 0.669  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosodimethylamine            | <0.158  | U         | 0.568 | 0.158  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosodi-n-butylamine          | <0.719  | U         | 1.14  | 0.719  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosomethylethylamine         | <0.697  | U         | 1.14  | 0.697  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosomorpholine               | <0.709  | U         | 1.14  | 0.709  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| N-Nitrosopyrrolidine              | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| p-Dimethylamino azobenzene        | <0.153  | U         | 0.568 | 0.153  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Pentachloronitrobenzene           | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Phenacetin                        | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Phorate                           | <2.59   | U **      | 5.68  | 2.59   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| p-Phenylene diamine               | <5.68   | U         | 5.68  | 5.68   | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Pronamide                         | <0.134  | U         | 0.568 | 0.134  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Safrole, Total                    | <0.0915 | U *       | 0.568 | 0.0915 | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Sulfotepp                         | <0.468  | U **      | 1.14  | 0.468  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Thionazin                         | <0.338  | U         | 1.14  | 0.338  | ug/L |   | 11/11/25 15:35 | 11/11/25 19:55 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 75        |           | 26 - 136 | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Fluorobiphenyl            | 67        |           | 39 - 130 | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| 2-Fluorophenol (Surr)       | 35        |           | 19 - 120 | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Nitrobenzene-d5 (Surr)      | 79        |           | 32 - 133 | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| Phenol-d5 (Surr)            | 21        |           | 8 - 124  | 11/11/25 15:35 | 11/11/25 19:55 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 | 11/11/25 15:35 | 11/11/25 19:55 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.44  | U         | 5.68 | 1.44 | ug/L |   | 11/11/25 15:35 | 11/12/25 19:31 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 89        |           | 26 - 136 | 11/11/25 15:35 | 11/12/25 19:31 | 1       |
| 2-Fluorobiphenyl            | 67        |           | 39 - 130 | 11/11/25 15:35 | 11/12/25 19:31 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 11/11/25 15:35 | 11/12/25 19:31 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 32 - 133 | 11/11/25 15:35 | 11/12/25 19:31 | 1       |
| Phenol-d5 (Surr)            | 16        |           | 8 - 124  | 11/11/25 15:35 | 11/12/25 19:31 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-2

Lab Sample ID: 860-115709-2

Date Collected: 11/04/25 10:18

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 73        |           | 28 - 130 | 11/11/25 15:35 | 11/12/25 19:31 | 1       |

Client Sample ID: HMW-1

Lab Sample ID: 860-115709-3

Date Collected: 11/04/25 11:27

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 16:11 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:11 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 16:11 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 16:11 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 16:11 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 16:11 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 16:11 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 16:11 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 16:11 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 16:11 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 16:11 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 16:11 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 16:11 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 16:11 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 16:11 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 16:11 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-1

Lab Sample ID: 860-115709-3

Date Collected: 11/04/25 11:27

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Ethyl methacrylate          | <1.12     | U *       | 5.00    | 1.12     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Methylene Chloride          | <1.73     | U *       | 5.00    | 1.73     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 16:11 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 16:11 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 16:11 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 16:11 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 16:11 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 16:11 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 16:11 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 16:11 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 63 - 144 |          | 11/11/25 16:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/11/25 16:11 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 131 |          | 11/11/25 16:11 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/11/25 16:11 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120 | U         | 0.569 | 0.120 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.569 | 0.101 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,3-Dichlorobenzene          | <0.107 | U         | 0.569 | 0.107 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,4-Dichlorobenzene          | <0.109 | U         | 0.569 | 0.109 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84  | U         | 2.84  | 1.84  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,4,5-Trichlorophenol        | <0.429 | U         | 0.569 | 0.429 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,4,6-Trichlorophenol        | <0.116 | U         | 0.569 | 0.116 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,4-Dichlorophenol           | <0.125 | U         | 0.569 | 0.125 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,4-Dimethylphenol           | <0.111 | U         | 0.569 | 0.111 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,4-Dioxane                  | <0.104 | U         | 0.569 | 0.104 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,4-Dinitrophenol            | <1.38  | U         | 5.69  | 1.38  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,4-Dinitrotoluene           | <0.511 | U         | 1.14  | 0.511 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,6-Dinitrotoluene           | <0.272 | U         | 0.569 | 0.272 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-1

Lab Sample ID: 860-115709-3

Date Collected: 11/04/25 11:27

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chloronaphthalene         | <0.118  | U         | 0.569 | 0.118  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Nitroaniline              | <0.157  | U         | 0.569 | 0.157  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.569 | 0.137  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 3 & 4 Methylphenol          | <0.0940 | U         | 0.569 | 0.0940 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 3-Nitroaniline              | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4-Chloroaniline             | <0.0877 | U         | 0.569 | 0.0877 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0950 | U         | 0.569 | 0.0950 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4-Nitroaniline              | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Acenaphthene                | <0.101  | U         | 0.569 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Aniline                     | <0.448  | U         | 1.14  | 0.448  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Anthracene                  | <0.104  | U         | 0.569 | 0.104  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.284 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Benzo[g,h,i]perylene        | <0.0899 | U         | 0.569 | 0.0899 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.569 | 0.123  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Benzyl alcohol              | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.569 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.569 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Butyl benzyl phthalate      | <0.335  | U         | 1.14  | 0.335  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Chrysene                    | <0.0961 | U         | 0.569 | 0.0961 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Dibenz(a,h)anthracene       | <0.0847 | U         | 0.114 | 0.0847 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Di-n-butyl phthalate        | <0.657  | U         | 1.14  | 0.657  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Fluoranthene                | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Fluorene                    | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.569 | 0.131  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.569 | 0.161  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Isophorone                  | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Naphthalene                 | <0.114  | U         | 0.569 | 0.114  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.569 | 0.152  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.569 | 0.147  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Pentachlorophenol           | <0.311  | U         | 0.569 | 0.311  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Phenanthrene                | <0.106  | U         | 0.569 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Phenol                      | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-1

Lab Sample ID: 860-115709-3

Date Collected: 11/04/25 11:27

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pyrene                         | <0.128  | U         | 0.569 | 0.128  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Pyridine                       | <0.833  | U         | 2.84  | 0.833  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitro-o-toluidine            | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.253  | U         | 0.569 | 0.253  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Acetophenone                   | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosopiperidine            | <0.628  | U         | 1.14  | 0.628  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Pentachlorobenzene             | <0.125  | U         | 0.569 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Diphenyl ether                 | <0.101  | U         | 0.569 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,1'-Biphenyl                  | <0.113  | U         | 0.569 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4-Aminobiphenyl                | <0.194  | U         | 0.569 | 0.194  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115  | U         | 0.569 | 0.115  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,3,5-Trinitrobenzene          | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,3-Dinitrobenzene             | <0.585  | U         | 1.14  | 0.585  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1,4-Naphthoquinone             | <0.0609 | U         | 0.569 | 0.0609 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 1-Naphthylamine                | <0.268  | U         | 0.569 | 0.268  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2,6-Dichlorophenol             | <0.0969 | U         | 0.569 | 0.0969 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Acetylaminofluorene          | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Chlorophenol                 | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Naphthylamine                | <0.410  | U         | 0.569 | 0.410  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Picoline                     | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Toluidine                    | <0.422  | U         | 0.569 | 0.422  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 3,3'-Dichlorobenzidine         | <0.647  | U         | 1.14  | 0.647  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 3,3'-Dimethylbenzidine         | <0.294  | U *       | 0.569 | 0.294  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 3-Methylcholanthrene           | <0.0878 | U *       | 0.569 | 0.0878 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.634  | U         | 1.14  | 0.634  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.127  | U         | 0.569 | 0.127  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Aramite Peak 1                 | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Aramite Peak 2                 | <0.202  | U         | 0.569 | 0.202  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Aramite, Total                 | <0.183  | U *       | 0.569 | 0.183  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Diallate                       | <0.0298 | U *       | 0.569 | 0.0298 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Diallate Peak 1                | <0.0744 | U         | 0.569 | 0.0744 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Diallate Peak 2                | <0.0298 | U         | 0.569 | 0.0298 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Dimethoate                     | <0.497  | U **      | 2.84  | 0.497  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Dinoseb                        | <0.673  | U         | 2.84  | 0.673  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Disulfoton                     | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Ethyl methanesulfonate         | <0.184  | U         | 0.569 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Ethyl Parathion                | <0.623  | U **      | 1.14  | 0.623  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Famphur                        | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Hexachloropropene              | <0.569  | U         | 0.569 | 0.569  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Isosafrole                     | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Isosafrole Peak 1              | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Isosafrole Peak 2              | <0.0981 | U         | 0.569 | 0.0981 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Methapyrilene                  | <1.51   | U         | 2.28  | 1.51   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Methyl methanesulfonate        | <0.185  | U         | 0.569 | 0.185  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Methyl parathion               | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosodiethylamine          | <0.670  | U         | 1.14  | 0.670  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosodimethylamine         | <0.159  | U         | 0.569 | 0.159  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosodi-n-butylamine       | <0.720  | U         | 1.14  | 0.720  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosomethylethylamine      | <0.698  | U         | 1.14  | 0.698  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-1

Lab Sample ID: 860-115709-3

Date Collected: 11/04/25 11:27

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomorpholine              | <0.710  | U         | 1.14  | 0.710  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.569 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.569 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.569 | 0.154  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.569 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Phenacetin                       | <0.251  | U         | 0.569 | 0.251  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Phorate                          | <2.60   | U **      | 5.69  | 2.60   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| p-Phenylene diamine              | <5.69   | U         | 5.69  | 5.69   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Pronamide                        | <0.134  | U         | 0.569 | 0.134  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Safrole, Total                   | <0.0916 | U **      | 0.569 | 0.0916 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Sulfotepp                        | <0.469  | U **      | 1.14  | 0.469  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Thionazin                        | <0.338  | U         | 1.14  | 0.338  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:23 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 82        |           | 26 - 136 | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Fluorobiphenyl            | 56        |           | 39 - 130 | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| 2-Fluorophenol (Surr)       | 26        |           | 19 - 120 | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 32 - 133 | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| Phenol-d5 (Surr)            | 14        |           | 8 - 124  | 11/11/25 15:35 | 11/11/25 20:23 | 1       |
| p-Terphenyl-d14             | 80        |           | 28 - 130 | 11/11/25 15:35 | 11/11/25 20:23 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.44  | U         | 5.69 | 1.44 | ug/L |   | 11/11/25 15:35 | 11/12/25 20:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90        |           | 26 - 136 | 11/11/25 15:35 | 11/12/25 20:01 | 1       |
| 2-Fluorobiphenyl            | 61        |           | 39 - 130 | 11/11/25 15:35 | 11/12/25 20:01 | 1       |
| 2-Fluorophenol (Surr)       | 27        |           | 19 - 120 | 11/11/25 15:35 | 11/12/25 20:01 | 1       |
| Nitrobenzene-d5 (Surr)      | 70        |           | 32 - 133 | 11/11/25 15:35 | 11/12/25 20:01 | 1       |
| Phenol-d5 (Surr)            | 12        |           | 8 - 124  | 11/11/25 15:35 | 11/12/25 20:01 | 1       |
| p-Terphenyl-d14             | 82        |           | 28 - 130 | 11/11/25 15:35 | 11/12/25 20:01 | 1       |

Client Sample ID: HMW-2

Lab Sample ID: 860-115709-4

Date Collected: 11/04/25 13:45

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 16:31 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-3

Lab Sample ID: 860-115709-4

Date Collected: 11/04/25 13:45

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 16:31 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:31 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 16:31 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 16:31 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 16:31 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 16:31 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 16:31 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Ethyl methacrylate               | <1.12  | U *       | 5.00 | 1.12  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Methylene Chloride               | <1.73  | U *       | 5.00 | 1.73  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 16:31 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/11/25 16:31 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/11/25 16:31 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/11/25 16:31 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/11/25 16:31 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-3

Lab Sample ID: 860-115709-4

Date Collected: 11/04/25 13:45

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/11/25 16:31 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/11/25 16:31 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/11/25 16:31 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/11/25 16:31 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/11/25 16:31 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/11/25 16:31 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/11/25 16:31 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/11/25 16:31 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          |      |   |          | 11/11/25 16:31 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          |      |   |          | 11/11/25 16:31 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 131 |          |      |   |          | 11/11/25 16:31 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/11/25 16:31 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.85  | 1.85   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.571 | 0.430  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 3 & 4 Methylphenol           | <0.0943 | U         | 0.571 | 0.0943 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4-Chloroaniline              | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0953 | U         | 0.571 | 0.0953 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Aniline                      | <0.449  | U         | 1.14  | 0.449  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.285 | 0.127  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |

Eurofins Houston

# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-3

Lab Sample ID: 860-115709-4

Date Collected: 11/04/25 13:45

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[g,h,i]perylene        | <0.0902 | U         | 0.571 | 0.0902 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.85  | 0.224  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.570  | U         | 1.14  | 0.570  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Chrysene                    | <0.0964 | U         | 0.571 | 0.0964 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Dibenz(a,h)anthracene       | <0.0849 | U         | 0.114 | 0.0849 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Di-n-butyl phthalate        | <0.659  | U         | 1.14  | 0.659  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Di-n-octyl phthalate        | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Pyridine                    | <0.835  | U         | 2.85  | 0.835  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitro-o-toluidine         | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosopiperidine         | <0.630  | U         | 1.14  | 0.630  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,3,5-Trinitrobenzene       | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,3-Dinitrobenzene          | <0.586  | U         | 1.14  | 0.586  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1,4-Naphthoquinone          | <0.0611 | U         | 0.571 | 0.0611 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 1-Naphthylamine             | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2,6-Dichlorophenol          | <0.0971 | U         | 0.571 | 0.0971 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Acetylaminofluorene       | <1.70   | U         | 2.85  | 1.70   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Chlorophenol              | <0.102  | U         | 0.571 | 0.102  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Naphthylamine             | <0.411  | U         | 0.571 | 0.411  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Picoline                  | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-3

Lab Sample ID: 860-115709-4

Date Collected: 11/04/25 13:45

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Toluidine                      | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 3,3'-Dichlorobenzidine           | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 3,3'-Dimethylbenzidine           | <0.295  | U *       | 0.571 | 0.295  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 3-Methylcholanthrene             | <0.0880 | U *       | 0.571 | 0.0880 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Aramite Peak 1                   | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Aramite Peak 2                   | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Aramite, Total                   | <0.184  | U *       | 0.571 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Diallate                         | <0.0298 | U *       | 0.571 | 0.0298 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Diallate Peak 1                  | <0.0747 | U         | 0.571 | 0.0747 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Diallate Peak 2                  | <0.0298 | U         | 0.571 | 0.0298 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Dimethoate                       | <0.498  | U *       | 2.85  | 0.498  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Dinoseb                          | <0.675  | U         | 2.85  | 0.675  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Disulfoton                       | <2.15   | U *       | 2.85  | 2.15   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Ethyl methanesulfonate           | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Ethyl Parathion                  | <0.625  | U *       | 1.14  | 0.625  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Famphur                          | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Hexachloropropene                | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Isosafrole                       | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Isosafrole Peak 1                | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Isosafrole Peak 2                | <0.0983 | U         | 0.571 | 0.0983 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Methapyrilene                    | <1.52   | U         | 2.28  | 1.52   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Methyl methanesulfonate          | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Methyl parathion                 | <2.76   | U *       | 2.85  | 2.76   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosodiethylamine            | <0.672  | U         | 1.14  | 0.672  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosodi-n-butylamine         | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosomethylethylamine        | <0.700  | U         | 1.14  | 0.700  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosomorpholine              | <0.712  | U         | 1.14  | 0.712  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Phenacetin                       | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Phorate                          | <2.61   | U *       | 5.71  | 2.61   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| p-Phenylene diamine              | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Pronamide                        | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Safrole, Total                   | <0.0919 | U *       | 0.571 | 0.0919 | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Sulfotepp                        | <0.470  | U *       | 1.14  | 0.470  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Thionazin                        | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/11/25 15:35 | 11/11/25 20:51 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 75        |           | 26 - 136 | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Fluorobiphenyl            | 63        |           | 39 - 130 | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| 2-Fluorophenol (Surr)       | 30        |           | 19 - 120 | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Nitrobenzene-d5 (Surr)      | 76        |           | 32 - 133 | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| Phenol-d5 (Surr)            | 17        |           | 8 - 124  | 11/11/25 15:35 | 11/11/25 20:51 | 1       |
| p-Terphenyl-d14             | 80        |           | 28 - 130 | 11/11/25 15:35 | 11/11/25 20:51 | 1       |

Eurofins Houston

# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-3

Lab Sample ID: 860-115709-4

Date Collected: 11/04/25 13:45

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U         | 5.71     | 1.45 | ug/L |   | 11/11/25 15:35 | 11/12/25 20:31 | 1       |
| Surrogate                           | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 80        |           | 26 - 136 |      |      |   | 11/11/25 15:35 | 11/12/25 20:31 | 1       |
| 2-Fluorobiphenyl                    | 66        |           | 39 - 130 |      |      |   | 11/11/25 15:35 | 11/12/25 20:31 | 1       |
| 2-Fluorophenol (Surr)               | 30        |           | 19 - 120 |      |      |   | 11/11/25 15:35 | 11/12/25 20:31 | 1       |
| Nitrobenzene-d5 (Surr)              | 73        |           | 32 - 133 |      |      |   | 11/11/25 15:35 | 11/12/25 20:31 | 1       |
| Phenol-d5 (Surr)                    | 14        |           | 8 - 124  |      |      |   | 11/11/25 15:35 | 11/12/25 20:31 | 1       |
| p-Terphenyl-d14                     | 76        |           | 28 - 130 |      |      |   | 11/11/25 15:35 | 11/12/25 20:31 | 1       |

Client Sample ID: HMW-5

Lab Sample ID: 860-115709-5

Date Collected: 11/04/25 15:13

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 16:52 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:52 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 16:52 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 16:52 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:52 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 16:52 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 16:52 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 16:52 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 16:52 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 16:52 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 16:52 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 16:52 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 16:52 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 16:52 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 16:52 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 16:52 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 16:52 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 16:52 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-5

Lab Sample ID: 860-115709-5

Date Collected: 11/04/25 15:13

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/11/25 16:52 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/11/25 16:52 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Ethyl methacrylate          | <1.12     | U *       | 5.00    | 1.12     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Methylene Chloride          | <1.73     | U *       | 5.00    | 1.73     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 16:52 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 16:52 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 16:52 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 16:52 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 16:52 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 16:52 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 16:52 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 16:52 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114       |           | 63 - 144 |          | 11/11/25 16:52 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 74 - 124 |          | 11/11/25 16:52 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 131 |          | 11/11/25 16:52 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/11/25 16:52 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120 | U         | 0.570 | 0.120 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.570 | 0.101 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,3-Dichlorobenzene          | <0.107 | U         | 0.570 | 0.107 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,4-Dichlorobenzene          | <0.109 | U         | 0.570 | 0.109 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84  | U         | 2.85  | 1.84  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,4,5-Trichlorophenol        | <0.430 | U         | 0.570 | 0.430 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-5

Lab Sample ID: 860-115709-5

Date Collected: 11/04/25 15:13

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,4,6-Trichlorophenol       | <0.116  | U         | 0.570 | 0.116  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,4-Dichlorophenol          | <0.126  | U         | 0.570 | 0.126  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,4-Dimethylphenol          | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,4-Dioxane                 | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,4-Dinitrophenol           | <1.38   | U         | 5.70  | 1.38   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,4-Dinitrotoluene          | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,6-Dinitrotoluene          | <0.272  | U         | 0.570 | 0.272  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Chloronaphthalene         | <0.118  | U         | 0.570 | 0.118  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Nitroaniline              | <0.158  | U         | 0.570 | 0.158  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.570 | 0.137  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 3 & 4 Methylphenol          | <0.0941 | U         | 0.570 | 0.0941 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 3-Nitroaniline              | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.570 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.570 | 0.119  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4-Chloroaniline             | <0.0879 | U         | 0.570 | 0.0879 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0951 | U         | 0.570 | 0.0951 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4-Nitroaniline              | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Acenaphthene                | <0.101  | U         | 0.570 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Aniline                     | <0.449  | U         | 1.14  | 0.449  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Anthracene                  | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.285 | 0.126  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.570 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Benzo[g,h,i]perylene        | <0.0901 | U         | 0.570 | 0.0901 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.570 | 0.123  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.85  | 0.224  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.570 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Butyl benzyl phthalate      | <0.335  | U         | 1.14  | 0.335  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Chrysene                    | <0.0963 | U         | 0.570 | 0.0963 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Dibenz(a,h)anthracene       | <0.0848 | U         | 0.114 | 0.0848 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Di-n-butyl phthalate        | <0.658  | U         | 1.14  | 0.658  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Di-n-octyl phthalate        | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Fluoranthene                | <0.120  | U         | 0.570 | 0.120  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Fluorene                    | <0.113  | U         | 0.570 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.570 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.570 | 0.161  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.570 | 0.102  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Isophorone                  | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-5

Lab Sample ID: 860-115709-5

Date Collected: 11/04/25 15:13

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Naphthalene                    | <0.114  | U         | 0.570 | 0.114  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Nitrobenzene                   | <0.152  | U         | 0.570 | 0.152  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosodi-n-propylamine      | <0.147  | U         | 0.570 | 0.147  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosodiphenylamine         | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Pentachlorophenol              | <0.311  | U         | 0.570 | 0.311  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Phenanthrene                   | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Phenol                         | <0.505  | U         | 1.14  | 0.505  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Pyrene                         | <0.129  | U         | 0.570 | 0.129  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Pyridine                       | <0.834  | U         | 2.85  | 0.834  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitro-o-toluidine            | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.253  | U         | 0.570 | 0.253  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Acetophenone                   | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosopiperidine            | <0.629  | U         | 1.14  | 0.629  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Pentachlorobenzene             | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Diphenyl ether                 | <0.101  | U         | 0.570 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,1'-Biphenyl                  | <0.113  | U         | 0.570 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4-Aminobiphenyl                | <0.194  | U         | 0.570 | 0.194  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115  | U         | 0.570 | 0.115  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,3,5-Trinitrobenzene          | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,3-Dinitrobenzene             | <0.586  | U         | 1.14  | 0.586  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1,4-Naphthoquinone             | <0.0610 | U         | 0.570 | 0.0610 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 1-Naphthylamine                | <0.269  | U         | 0.570 | 0.269  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2,6-Dichlorophenol             | <0.0970 | U         | 0.570 | 0.0970 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Acetylaminofluorene          | <1.70   | U         | 2.85  | 1.70   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Chlorophenol                 | <0.102  | U         | 0.570 | 0.102  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Naphthylamine                | <0.411  | U         | 0.570 | 0.411  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Picoline                     | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Toluidine                    | <0.423  | U         | 0.570 | 0.423  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 3,3'-Dichlorobenzidine         | <0.648  | U         | 1.14  | 0.648  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 3,3'-Dimethylbenzidine         | <0.294  | U *       | 0.570 | 0.294  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 3-Methylcholanthrene           | <0.0879 | U *       | 0.570 | 0.0879 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.127  | U         | 0.570 | 0.127  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Aramite Peak 1                 | <0.183  | U         | 0.570 | 0.183  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Aramite Peak 2                 | <0.202  | U         | 0.570 | 0.202  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Aramite, Total                 | <0.183  | U *       | 0.570 | 0.183  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Diallate                       | <0.0298 | U *       | 0.570 | 0.0298 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Diallate Peak 1                | <0.0745 | U         | 0.570 | 0.0745 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Diallate Peak 2                | <0.0298 | U         | 0.570 | 0.0298 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Dimethoate                     | <0.497  | U *       | 2.85  | 0.497  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Dinoseb                        | <0.674  | U         | 2.85  | 0.674  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Disulfoton                     | <2.15   | U *       | 2.85  | 2.15   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Ethyl methanesulfonate         | <0.185  | U         | 0.570 | 0.185  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Ethyl Parathion                | <0.624  | U *       | 1.14  | 0.624  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Famphur                        | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Hexachloropropene              | <0.570  | U         | 0.570 | 0.570  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Isosafrole                     | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Isosafrole Peak 1              | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Isosafrole Peak 2              | <0.0982 | U         | 0.570 | 0.0982 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: HMW-5

Lab Sample ID: 860-115709-5

Date Collected: 11/04/25 15:13

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Methapyrilene                    | <1.51   | U         | 2.28  | 1.51   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Methyl methanesulfonate          | <0.185  | U         | 0.570 | 0.185  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Methyl parathion                 | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosodiethylamine            | <0.671  | U         | 1.14  | 0.671  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.570 | 0.159  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosodi-n-butylamine         | <0.722  | U         | 1.14  | 0.722  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosomethylethylamine        | <0.699  | U         | 1.14  | 0.699  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosomorpholine              | <0.711  | U         | 1.14  | 0.711  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.570 | 0.108  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.570 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.570 | 0.154  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Phenacetin                       | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Phorate                          | <2.60   | U **      | 5.70  | 2.60   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| p-Phenylene diamine              | <5.70   | U         | 5.70  | 5.70   | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Pronamide                        | <0.134  | U         | 0.570 | 0.134  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Safrole, Total                   | <0.0918 | U *       | 0.570 | 0.0918 | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Sulfotepp                        | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Thionazin                        | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/11/25 15:35 | 11/12/25 04:46 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 292       | S1+       | 26 - 136 | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| 2-Fluorophenol (Surr)       | 30        |           | 19 - 120 | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Nitrobenzene-d5 (Surr)      | 73        |           | 32 - 133 | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| Phenol-d5 (Surr)            | 17        |           | 8 - 124  | 11/11/25 15:35 | 11/12/25 04:46 | 1       |
| p-Terphenyl-d14             | 79        |           | 28 - 130 | 11/11/25 15:35 | 11/12/25 04:46 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U         | 5.70 | 1.45 | ug/L |   | 11/11/25 15:35 | 11/12/25 21:00 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 85        |           | 26 - 136 | 11/11/25 15:35 | 11/12/25 21:00 | 1       |
| 2-Fluorobiphenyl            | 60        |           | 39 - 130 | 11/11/25 15:35 | 11/12/25 21:00 | 1       |
| 2-Fluorophenol (Surr)       | 29        |           | 19 - 120 | 11/11/25 15:35 | 11/12/25 21:00 | 1       |
| Nitrobenzene-d5 (Surr)      | 71        |           | 32 - 133 | 11/11/25 15:35 | 11/12/25 21:00 | 1       |
| Phenol-d5 (Surr)            | 14        |           | 8 - 124  | 11/11/25 15:35 | 11/12/25 21:00 | 1       |
| p-Terphenyl-d14             | 83        |           | 28 - 130 | 11/11/25 15:35 | 11/12/25 21:00 | 1       |

Client Sample ID: TB-01

Lab Sample ID: 860-115709-6

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 17:12 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: TB-01

Lab Sample ID: 860-115709-6

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane               | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,1-Dichloroethene               | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,2,3-Trichloropropane           | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,2,4-Trimethylbenzene           | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 17:12 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 17:12 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 17:12 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 17:12 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 17:12 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 17:12 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 17:12 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Ethyl methacrylate               | <1.12  | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 17:12 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Methylene Chloride               | <1.73  | U *+      | 5.00 | 1.73  | ug/L |   |          | 11/11/25 17:12 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 17:12 | 1       |

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# Client Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

Client Sample ID: TB-01

Lab Sample ID: 860-115709-6

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/05/25 09:11

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| Propylbenzene                | <0.429    | U         | 1.00     | 0.429    | ug/L |   |          | 11/11/25 17:12 | 1       |
| Styrene                      | <0.619    | U         | 1.00     | 0.619    | ug/L |   |          | 11/11/25 17:12 | 1       |
| Tetrachloroethene            | <0.655    | U         | 1.00     | 0.655    | ug/L |   |          | 11/11/25 17:12 | 1       |
| Tetrahydrofuran              | <1.83     | U         | 10.0     | 1.83     | ug/L |   |          | 11/11/25 17:12 | 1       |
| Toluene                      | <0.475    | U         | 1.00     | 0.475    | ug/L |   |          | 11/11/25 17:12 | 1       |
| trans-1,2-Dichloroethene     | <0.368    | U         | 1.00     | 0.368    | ug/L |   |          | 11/11/25 17:12 | 1       |
| trans-1,3-Dichloropropene    | <1.27     | U         | 5.00     | 1.27     | ug/L |   |          | 11/11/25 17:12 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/11/25 17:12 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/11/25 17:12 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/11/25 17:12 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/11/25 17:12 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/11/25 17:12 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/11/25 17:12 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/11/25 17:12 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/11/25 17:12 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 114       |           | 63 - 144 |          |      |   |          | 11/11/25 17:12 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          |      |   |          | 11/11/25 17:12 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 131 |          |      |   |          | 11/11/25 17:12 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/11/25 17:12 | 1       |

# Surrogate Summary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|-------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                   |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-115709-1      | HMW-4                  | 111                                            | 102             | 105              | 102             |
| 860-115709-2      | HMW-2                  | 111                                            | 97              | 105              | 102             |
| 860-115709-3      | HMW-1                  | 115                                            | 101             | 107              | 102             |
| 860-115709-4      | HMW-3                  | 112                                            | 100             | 108              | 101             |
| 860-115709-5      | HMW-5                  | 114                                            | 102             | 105              | 102             |
| 860-115709-6      | TB-01                  | 114                                            | 100             | 108              | 101             |
| 860-115888-D-2 MS | Matrix Spike           | 103                                            | 99              | 102              | 101             |
| LCS 860-274817/3  | Lab Control Sample     | 106                                            | 101             | 100              | 102             |
| LCSD 860-274817/4 | Lab Control Sample Dup | 105                                            | 98              | 102              | 99              |
| MB 860-274817/9   | Method Blank           | 110                                            | 102             | 105              | 102             |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID            | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|--------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                          |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-115709-1             | HMW-4                  | 82                                             | 65              | 32              | 85              | 20             | 85                 |
| 860-115709-1 - RA        | HMW-4                  | 94                                             | 68              | 31              | 77              | 15             | 84                 |
| 860-115709-2             | HMW-2                  | 75                                             | 67              | 35              | 79              | 21             | 73                 |
| 860-115709-2 - RA        | HMW-2                  | 89                                             | 67              | 36              | 75              | 16             | 73                 |
| 860-115709-3             | HMW-1                  | 82                                             | 56              | 26              | 75              | 14             | 80                 |
| 860-115709-3 - RA        | HMW-1                  | 90                                             | 61              | 27              | 70              | 12             | 82                 |
| 860-115709-4             | HMW-3                  | 75                                             | 63              | 30              | 76              | 17             | 80                 |
| 860-115709-4 - RA        | HMW-3                  | 80                                             | 66              | 30              | 73              | 14             | 76                 |
| 860-115709-5             | HMW-5                  | 292 S1+                                        | 59              | 30              | 73              | 17             | 79                 |
| 860-115709-5 - RA        | HMW-5                  | 85                                             | 60              | 29              | 71              | 14             | 83                 |
| LCS 860-275005/2-A       | Lab Control Sample     | 58                                             | 53              | 58              | 59              | 57             | 54                 |
| LCS 860-275005/2-A - RA  | Lab Control Sample     | 67                                             | 62              | 61              | 61              | 54             | 53                 |
| LCS 860-275005/4-A       | Lab Control Sample     | 72                                             | 71              | 74              | 74              | 73             | 67                 |
| LCSD 860-275005/3-A      | Lab Control Sample Dup | 59                                             | 59              | 61              | 63              | 60             | 56                 |
| LCSD 860-275005/3-A - RA | Lab Control Sample Dup | 67                                             | 63              | 63              | 65              | 56             | 55                 |
| LCSD 860-275005/5-A      | Lab Control Sample Dup | 72                                             | 67              | 70              | 68              | 68             | 63                 |
| MB 860-275005/1-A        | Method Blank           | 56                                             | 56              | 64              | 63              | 60             | 57                 |
| MB 860-275005/1-A - RA   | Method Blank           | 67                                             | 62              | 64              | 60              | 51             | 54                 |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)  
FBP = 2-Fluorobiphenyl  
2FP = 2-Fluorophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
PHL = Phenol-d5 (Surr)  
TPHd14 = p-Terphenyl-d14

# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-274817/9

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/11/25 10:23 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/11/25 10:23 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/11/25 10:23 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/11/25 10:23 | 1       |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-274817/9

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/11/25 10:23 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/11/25 10:23 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/11/25 10:23 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/11/25 10:23 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 10:23 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 10:23 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110          |              | 63 - 144 |          | 11/11/25 10:23 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102          |              | 74 - 124 |          | 11/11/25 10:23 | 1       |
| Dibromofluoromethane (Surr)  | 105          |              | 75 - 131 |          | 11/11/25 10:23 | 1       |
| Toluene-d8 (Surr)            | 102          |              | 80 - 120 |          | 11/11/25 10:23 | 1       |

Lab Sample ID: LCS 860-274817/3

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 56.25      |               | ug/L |   | 112  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 54.94      |               | ug/L |   | 110  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 55.06      |               | ug/L |   | 110  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 54.45      |               | ug/L |   | 109  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 54.57      |               | ug/L |   | 109  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 54.25      |               | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 52.82      |               | ug/L |   | 106  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 58.77      |               | ug/L |   | 118  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 57.13      |               | ug/L |   | 114  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 51.96      |               | ug/L |   | 104  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 54.76      |               | ug/L |   | 110  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 56.37      |               | ug/L |   | 113  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 54.72      |               | ug/L |   | 109  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 57.19      |               | ug/L |   | 114  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 58.59      |               | ug/L |   | 117  | 60 - 150    |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-274817/3

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 53.08      |               | ug/L |   | 106  | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 283.9      |               | ug/L |   | 114  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 309.5      |               | ug/L |   | 124  | 60 - 140    |
| 2-Propanol                       | 500         | 564.8      |               | ug/L |   | 113  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 56.35      |               | ug/L |   | 113  | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 297.3      |               | ug/L |   | 119  | 60 - 140    |
| Acetone                          | 250         | 289.8      |               | ug/L |   | 116  | 60 - 140    |
| Acetonitrile                     | 500         | 537.0      |               | ug/L |   | 107  | 60 - 140    |
| Acrolein                         | 250         | 219.4      |               | ug/L |   | 88   | 60 - 140    |
| Acrylonitrile                    | 500         | 546.0      |               | ug/L |   | 109  | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 53.96      |               | ug/L |   | 108  | 70 - 130    |
| Benzene                          | 50.0        | 53.90      |               | ug/L |   | 108  | 70 - 130    |
| Bromodichloromethane             | 50.0        | 57.23      |               | ug/L |   | 114  | 65 - 135    |
| Bromoform                        | 50.0        | 59.66      |               | ug/L |   | 119  | 70 - 130    |
| Bromomethane                     | 50.0        | 61.63      |               | ug/L |   | 123  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 53.58      |               | ug/L |   | 107  | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 54.73      |               | ug/L |   | 109  | 70 - 130    |
| Chlorobenzene                    | 50.0        | 54.22      |               | ug/L |   | 108  | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 56.24      |               | ug/L |   | 112  | 70 - 130    |
| Chloroethane                     | 50.0        | 57.83      |               | ug/L |   | 116  | 60 - 140    |
| Chloroform                       | 50.0        | 54.15      |               | ug/L |   | 108  | 70 - 130    |
| Chloromethane                    | 50.0        | 50.06      |               | ug/L |   | 100  | 60 - 140    |
| Chloroprene                      | 50.0        | 55.31      |               | ug/L |   | 111  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 55.27      |               | ug/L |   | 111  | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 57.16      |               | ug/L |   | 114  | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 60.55      |               | ug/L |   | 121  | 70 - 130    |
| Cyclohexane                      | 50.0        | 56.96      |               | ug/L |   | 114  | 65 - 130    |
| Dibromomethane                   | 50.0        | 54.48      |               | ug/L |   | 109  | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 45.74      |               | ug/L |   | 91   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 72.85      | *+            | ug/L |   | 146  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 55.85      |               | ug/L |   | 112  | 70 - 130    |
| Hexane                           | 50.0        | 56.00      |               | ug/L |   | 112  | 65 - 140    |
| Iodomethane                      | 50.0        | 56.30      |               | ug/L |   | 113  | 50 - 150    |
| Isobutanol                       | 1240        | 1505       |               | ug/L |   | 121  | 60 - 140    |
| Methacrylonitrile                | 500         | 510.2      |               | ug/L |   | 102  | 70 - 130    |
| Methyl methacrylate              | 100         | 93.73      |               | ug/L |   | 94   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 49.37      |               | ug/L |   | 99   | 70 - 135    |
| Methylene Chloride               | 50.0        | 74.19      | *+            | ug/L |   | 148  | 71 - 125    |
| Propionitrile                    | 500         | 526.4      |               | ug/L |   | 105  | 70 - 130    |
| Propylbenzene                    | 50.0        | 56.99      |               | ug/L |   | 114  | 70 - 130    |
| Styrene                          | 50.0        | 59.10      |               | ug/L |   | 118  | 70 - 130    |
| Tetrachloroethene                | 50.0        | 53.99      |               | ug/L |   | 108  | 70 - 130    |
| Tetrahydrofuran                  | 100         | 108.9      |               | ug/L |   | 109  | 63 - 130    |
| Toluene                          | 50.0        | 53.35      |               | ug/L |   | 107  | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 52.04      |               | ug/L |   | 104  | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 59.51      |               | ug/L |   | 119  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 62.60      |               | ug/L |   | 125  | 70 - 130    |
| Trichloroethene                  | 50.0        | 52.81      |               | ug/L |   | 106  | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 60.14      |               | ug/L |   | 120  | 60 - 140    |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-274817/3

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 300.1      |               | ug/L |   | 120  | 50 - 150    |
| Vinyl chloride | 50.0        | 55.26      |               | ug/L |   | 111  | 60 - 140    |
| Xylenes, Total | 100         | 112.1      |               | ug/L |   | 112  | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.05640    |               | mg/L |   | 113  | 70 - 130    |
| o-Xylene       | 0.0500      | 0.05567    |               | mg/L |   | 111  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 106           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 101           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-274817/4

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 52.83       |                | ug/L |   | 106  | 70 - 130    | 6   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 52.05       |                | ug/L |   | 104  | 70 - 130    | 5   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 51.62       |                | ug/L |   | 103  | 70 - 130    | 6   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 51.37       |                | ug/L |   | 103  | 60 - 140    | 6   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 52.33       |                | ug/L |   | 105  | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 51.31       |                | ug/L |   | 103  | 70 - 130    | 6   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 49.70       |                | ug/L |   | 99   | 67 - 130    | 6   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 56.85       |                | ug/L |   | 114  | 70 - 130    | 3   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 50.92       |                | ug/L |   | 102  | 70 - 130    | 12  | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 52.47       |                | ug/L |   | 105  | 59 - 130    | 1   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 53.68       |                | ug/L |   | 107  | 70 - 130    | 2   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 55.07       |                | ug/L |   | 110  | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 52.76       |                | ug/L |   | 106  | 70 - 130    | 4   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 50.73       |                | ug/L |   | 101  | 70 - 130    | 12  | 25        |
| 1,3-Butadiene                         | 50.0        | 54.22       |                | ug/L |   | 108  | 60 - 150    | 8   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 49.12       |                | ug/L |   | 98   | 70 - 130    | 8   | 25        |
| 2-Butanone (MEK)                      | 250         | 298.2       |                | ug/L |   | 119  | 67 - 140    | 5   | 25        |
| 2-Hexanone (MBK)                      | 250         | 318.3       |                | ug/L |   | 127  | 60 - 140    | 3   | 25        |
| 2-Propanol                            | 500         | 554.9       |                | ug/L |   | 111  | 50 - 150    | 2   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 51.75       |                | ug/L |   | 103  | 60 - 130    | 9   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 313.0       |                | ug/L |   | 125  | 60 - 140    | 5   | 25        |
| Acetone                               | 250         | 299.8       |                | ug/L |   | 120  | 60 - 140    | 3   | 25        |
| Acetonitrile                          | 500         | 560.9       |                | ug/L |   | 112  | 60 - 140    | 4   | 25        |
| Acrolein                              | 250         | 222.5       |                | ug/L |   | 89   | 60 - 140    | 1   | 25        |
| Acrylonitrile                         | 500         | 562.9       |                | ug/L |   | 113  | 60 - 140    | 3   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 52.18       |                | ug/L |   | 104  | 70 - 130    | 3   | 25        |
| Benzene                               | 50.0        | 51.35       |                | ug/L |   | 103  | 70 - 130    | 5   | 25        |
| Bromodichloromethane                  | 50.0        | 54.92       |                | ug/L |   | 110  | 65 - 135    | 4   | 25        |
| Bromoform                             | 50.0        | 58.87       |                | ug/L |   | 118  | 70 - 130    | 1   | 25        |
| Bromomethane                          | 50.0        | 58.00       |                | ug/L |   | 116  | 49 - 140    | 6   | 25        |
| Carbon disulfide                      | 50.0        | 50.33       |                | ug/L |   | 101  | 60 - 130    | 6   | 25        |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-274817/4

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 50.39       |                | ug/L |   | 101  | 70 - 130    | 8   | 25        |
| Chlorobenzene               | 50.0        | 50.73       |                | ug/L |   | 101  | 65 - 135    | 7   | 25        |
| Chlorodibromomethane        | 50.0        | 53.82       |                | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Chloroethane                | 50.0        | 54.92       |                | ug/L |   | 110  | 60 - 140    | 5   | 25        |
| Chloroform                  | 50.0        | 52.49       |                | ug/L |   | 105  | 70 - 130    | 3   | 25        |
| Chloromethane               | 50.0        | 45.90       |                | ug/L |   | 92   | 60 - 140    | 9   | 25        |
| Chloroprene                 | 50.0        | 51.16       |                | ug/L |   | 102  | 70 - 130    | 8   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 52.79       |                | ug/L |   | 106  | 70 - 130    | 5   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 55.49       |                | ug/L |   | 111  | 70 - 130    | 3   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 56.08       |                | ug/L |   | 112  | 70 - 130    | 8   | 25        |
| Cyclohexane                 | 50.0        | 53.84       |                | ug/L |   | 108  | 65 - 130    | 6   | 25        |
| Dibromomethane              | 50.0        | 54.31       |                | ug/L |   | 109  | 69 - 130    | 0   | 25        |
| Dichlorodifluoromethane     | 50.0        | 42.61       |                | ug/L |   | 85   | 50 - 150    | 7   | 25        |
| Ethyl methacrylate          | 50.0        | 72.71       | *+             | ug/L |   | 145  | 70 - 130    | 0   | 25        |
| Ethylbenzene                | 50.0        | 51.33       |                | ug/L |   | 103  | 70 - 130    | 8   | 25        |
| Hexane                      | 50.0        | 52.01       |                | ug/L |   | 104  | 65 - 140    | 7   | 25        |
| Iodomethane                 | 50.0        | 56.59       |                | ug/L |   | 113  | 50 - 150    | 1   | 25        |
| Isobutanol                  | 1240        | 1562        |                | ug/L |   | 126  | 60 - 140    | 4   | 25        |
| Methacrylonitrile           | 500         | 529.6       |                | ug/L |   | 106  | 70 - 130    | 4   | 25        |
| Methyl methacrylate         | 100         | 96.56       |                | ug/L |   | 97   | 70 - 130    | 3   | 25        |
| Methyl tert-butyl ether     | 50.0        | 49.58       |                | ug/L |   | 99   | 70 - 135    | 0   | 25        |
| Methylene Chloride          | 50.0        | 71.54       | *+             | ug/L |   | 143  | 71 - 125    | 4   | 25        |
| Propionitrile               | 500         | 556.7       |                | ug/L |   | 111  | 70 - 130    | 6   | 25        |
| Propylbenzene               | 50.0        | 50.44       |                | ug/L |   | 101  | 70 - 130    | 12  | 25        |
| Styrene                     | 50.0        | 55.02       |                | ug/L |   | 110  | 70 - 130    | 7   | 25        |
| Tetrachloroethene           | 50.0        | 49.61       |                | ug/L |   | 99   | 70 - 130    | 8   | 25        |
| Tetrahydrofuran             | 100         | 113.7       |                | ug/L |   | 114  | 63 - 130    | 4   | 25        |
| Toluene                     | 50.0        | 49.81       |                | ug/L |   | 100  | 70 - 130    | 7   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 49.53       |                | ug/L |   | 99   | 70 - 130    | 5   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 56.55       |                | ug/L |   | 113  | 70 - 130    | 5   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 60.61       |                | ug/L |   | 121  | 70 - 130    | 3   | 25        |
| Trichloroethene             | 50.0        | 50.42       |                | ug/L |   | 101  | 70 - 135    | 5   | 25        |
| Trichlorofluoromethane      | 50.0        | 56.63       |                | ug/L |   | 113  | 60 - 140    | 6   | 25        |
| Vinyl acetate               | 250         | 291.5       |                | ug/L |   | 117  | 50 - 150    | 3   | 25        |
| Vinyl chloride              | 50.0        | 51.75       |                | ug/L |   | 103  | 60 - 140    | 7   | 25        |
| Xylenes, Total              | 100         | 103.6       |                | ug/L |   | 104  | 70 - 130    | 8   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05180     |                | mg/L |   | 104  | 70 - 130    | 9   | 25        |
| o-Xylene                    | 0.0500      | 0.05181     |                | mg/L |   | 104  | 70 - 130    | 7   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 105            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 102            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 99             |                | 80 - 120 |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115888-D-2 MS

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 53.85     |              | ug/L |   | 108  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 55.41     |              | ug/L |   | 111  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 49.73     |              | ug/L |   | 99   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 53.38     |              | ug/L |   | 107  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 51.70     |              | ug/L |   | 103  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 53.69     |              | ug/L |   | 107  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 52.11     |              | ug/L |   | 104  | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 53.13     |              | ug/L |   | 106  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 54.27     |              | ug/L |   | 109  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 45.06     |              | ug/L |   | 90   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 51.68     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 54.49     |              | ug/L |   | 109  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 53.83     |              | ug/L |   | 108  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 54.48     |              | ug/L |   | 109  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 55.36     |              | ug/L |   | 111  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 50.78     |              | ug/L |   | 102  | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 256.5     |              | ug/L |   | 103  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 268.7     |              | ug/L |   | 107  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 538.8     |              | ug/L |   | 108  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 54.28     |              | ug/L |   | 109  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 265.4     |              | ug/L |   | 106  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 267.8     |              | ug/L |   | 107  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 500.0     |              | ug/L |   | 100  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 201.7     |              | ug/L |   | 81   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 494.5     |              | ug/L |   | 99   | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 49.80     |              | ug/L |   | 100  | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 53.08     |              | ug/L |   | 106  | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 55.80     |              | ug/L |   | 112  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 56.70     |              | ug/L |   | 113  | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 58.23     |              | ug/L |   | 116  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 52.72     |              | ug/L |   | 105  | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 55.88     |              | ug/L |   | 112  | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 53.45     |              | ug/L |   | 107  | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 54.23     |              | ug/L |   | 108  | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 55.15     |              | ug/L |   | 110  | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 54.42     |              | ug/L |   | 109  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 46.75     |              | ug/L |   | 93   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 54.12     |              | ug/L |   | 108  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 55.04     |              | ug/L |   | 110  | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 56.24     |              | ug/L |   | 112  | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 59.80     |              | ug/L |   | 120  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 56.56     |              | ug/L |   | 113  | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 52.14     |              | ug/L |   | 104  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 42.21     |              | ug/L |   | 84   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U *+ F1          | 50.0        | 67.80     | F1           | ug/L |   | 136  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 54.99     |              | ug/L |   | 110  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 54.30     |              | ug/L |   | 109  | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 61.63     |              | ug/L |   | 123  | 50 - 150    |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115888-D-2 MS

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                      | Sample    | Sample    | Spike    | MS      | MS        | Unit | D | %Rec | %Rec     | Limits |
|------------------------------|-----------|-----------|----------|---------|-----------|------|---|------|----------|--------|
|                              | Result    | Qualifier | Added    | Result  | Qualifier |      |   |      |          |        |
| Isobutanol                   | <17.1     | U         | 1240     | 1105    |           | ug/L |   | 89   | 60 - 140 |        |
| Methacrylonitrile            | <2.72     | U         | 500      | 474.9   |           | ug/L |   | 95   | 70 - 130 |        |
| Methyl methacrylate          | <2.25     | U         | 100      | 87.13   |           | ug/L |   | 87   | 70 - 130 |        |
| Methyl tert-butyl ether      | <1.39     | U         | 50.0     | 47.30   |           | ug/L |   | 95   | 70 - 135 |        |
| Methylene Chloride           | <1.73     | U *       | 50.0     | 47.61   |           | ug/L |   | 95   | 71 - 125 |        |
| Propionitrile                | <3.34     | U         | 500      | 458.1   |           | ug/L |   | 92   | 70 - 130 |        |
| Propylbenzene                | <0.429    | U         | 50.0     | 54.49   |           | ug/L |   | 109  | 70 - 130 |        |
| Styrene                      | <0.619    | U         | 50.0     | 57.83   |           | ug/L |   | 116  | 70 - 130 |        |
| Tetrachloroethene            | <0.655    | U         | 50.0     | 52.82   |           | ug/L |   | 106  | 70 - 130 |        |
| Tetrahydrofuran              | <1.83     | U         | 100      | 96.06   |           | ug/L |   | 96   | 63 - 130 |        |
| Toluene                      | <0.475    | U         | 50.0     | 52.63   |           | ug/L |   | 105  | 70 - 130 |        |
| trans-1,2-Dichloroethene     | <0.368    | U         | 50.0     | 51.14   |           | ug/L |   | 102  | 70 - 130 |        |
| trans-1,3-Dichloropropene    | <1.27     | U         | 50.0     | 56.79   |           | ug/L |   | 114  | 70 - 130 |        |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 50.0     | 55.41   |           | ug/L |   | 111  | 70 - 130 |        |
| Trichloroethene              | <1.50     | U         | 50.0     | 52.09   |           | ug/L |   | 104  | 70 - 135 |        |
| Trichlorofluoromethane       | <0.560    | U         | 50.0     | 58.76   |           | ug/L |   | 118  | 60 - 140 |        |
| Vinyl acetate                | <2.14     | U         | 250      | 299.2   |           | ug/L |   | 120  | 50 - 150 |        |
| Vinyl chloride               | <0.428    | U         | 50.0     | 53.35   |           | ug/L |   | 107  | 60 - 140 |        |
| Xylenes, Total               | <1.24     | U         | 100      | 110.0   |           | ug/L |   | 110  | 70 - 130 |        |
| m,p-Xylenes                  | <0.00124  | U         | 0.0500   | 0.05544 |           | mg/L |   | 111  | 70 - 130 |        |
| o-Xylene                     | <0.000502 | U         | 0.0500   | 0.05452 |           | mg/L |   | 109  | 70 - 130 |        |
|                              |           |           |          |         |           |      |   |      |          |        |
| Surrogate                    | MS        | MS        | Limits   |         |           |      |   |      |          |        |
|                              | %Recovery | Qualifier |          |         |           |      |   |      |          |        |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 63 - 144 |         |           |      |   |      |          |        |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 74 - 124 |         |           |      |   |      |          |        |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 131 |         |           |      |   |      |          |        |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |         |           |      |   |      |          |        |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-275005/1-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                      | MB     | MB        | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
|                              | Result | Qualifier |       |       |      |   |                |                |         |
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.571 | 0.121 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.571 | 0.101 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.571 | 0.108 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U         | 0.571 | 0.110 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.86  | 1.85  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,4,5-Trichlorophenol        | <0.431 | U         | 0.571 | 0.431 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.571 | 0.117 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.571 | 0.126 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.571 | 0.112 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,4-Dioxane                  | <0.105 | U         | 0.571 | 0.105 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,4-Dinitrophenol            | <1.38  | U         | 5.71  | 1.38  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,4-Dinitrotoluene           | <0.513 | U         | 1.14  | 0.513 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,6-Dinitrotoluene           | <0.273 | U         | 0.571 | 0.273 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Chloronaphthalene          | <0.118 | U         | 0.571 | 0.118 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |

Eurofins Houston

# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275005/1-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Methylnaphthalene         | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Methylphenol              | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Nitroaniline              | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Nitrophenol               | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 3 & 4 Methylphenol          | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 3-Nitroaniline              | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4-Chloro-3-methylphenol     | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275005/1-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                        | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Pyridine                       | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitro-o-toluidine            | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Acetophenone                   | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosopiperidine            | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Pentachlorobenzene             | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Diphenyl ether                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,1'-Biphenyl                  | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4-Aminobiphenyl                | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,3,5-Trinitrobenzene          | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,3-Dinitrobenzene             | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1,4-Naphthoquinone             | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 1-Naphthylamine                | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2,6-Dichlorophenol             | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Acetylaminofluorene          | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Chlorophenol                 | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Naphthylamine                | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Picoline                     | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Toluidine                    | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 3,3'-Dichlorobenzidine         | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 3-Methylcholanthrene           | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Aramite Peak 1                 | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Aramite Peak 2                 | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Aramite, Total                 | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Diallate                       | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Diallate Peak 1                | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Diallate Peak 2                | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Dimethoate                     | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Dinoseb                        | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Disulfoton                     | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Ethyl methanesulfonate         | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Ethyl Parathion                | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Famphur                        | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Hexachloropropene              | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Isosafrole                     | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Isosafrole Peak 1              | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Isosafrole Peak 2              | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Methapyrilene                  | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Methyl methanesulfonate        | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Methyl parathion               | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosodiethylamine          | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosodimethylamine         | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosodi-n-butylamine       | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosomethylethylamine      | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| N-Nitrosomorpholine            | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275005/1-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                           | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosopyrrolidine              | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| p-Dimethylamino azobenzene        | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Pentachloronitrobenzene           | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Phenacetin                        | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Phorate                           | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| p-Phenylene diamine               | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Pronamide                         | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Safrole, Total                    | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Sulfotepp                         | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Thionazin                         | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/11/25 15:35 | 11/11/25 17:08 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 56           |              | 26 - 136 | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Fluorobiphenyl            | 56           |              | 39 - 130 | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| 2-Fluorophenol (Surr)       | 64           |              | 19 - 120 | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Nitrobenzene-d5 (Surr)      | 63           |              | 32 - 133 | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| Phenol-d5 (Surr)            | 60           |              | 8 - 124  | 11/11/25 15:35 | 11/11/25 17:08 | 1       |
| p-Terphenyl-d14             | 57           |              | 28 - 130 | 11/11/25 15:35 | 11/11/25 17:08 | 1       |

Lab Sample ID: LCS 860-275005/2-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.140      |               | ug/L |   | 72   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 3.941      |               | ug/L |   | 69   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 3.903      |               | ug/L |   | 68   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 3.827      |               | ug/L |   | 67   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 3.838      |               | ug/L |   | 67   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 4.831      |               | ug/L |   | 85   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.372      |               | ug/L |   | 77   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 4.102      |               | ug/L |   | 72   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 4.043      |               | ug/L |   | 71   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 2.835      |               | ug/L |   | 50   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 1.798      | J             | ug/L |   | 31   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 4.363      |               | ug/L |   | 76   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 4.560      |               | ug/L |   | 80   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 3.843      |               | ug/L |   | 67   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 3.966      |               | ug/L |   | 69   | 33 - 149    |
| 2-Methylphenol               | 5.71        | 4.163      |               | ug/L |   | 73   | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 4.764      |               | ug/L |   | 83   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 4.419      |               | ug/L |   | 77   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 3.644      |               | ug/L |   | 64   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 3.362      |               | ug/L |   | 59   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 2.108      | J             | ug/L |   | 37   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.081      |               | ug/L |   | 71   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 4.238      |               | ug/L |   | 74   | 52 - 137    |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275005/2-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 4-Chloroaniline             | 5.71        | 1.648      |               | ug/L |   | 29   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | 5.71        | 3.721      |               | ug/L |   | 65   | 53 - 134    |
| 4-Nitroaniline              | 5.71        | 4.696      |               | ug/L |   | 82   | 45 - 148    |
| Acenaphthene                | 5.71        | 3.824      |               | ug/L |   | 67   | 48 - 136    |
| Acenaphthylene              | 5.71        | 4.116      |               | ug/L |   | 72   | 40 - 149    |
| Aniline                     | 5.71        | 1.467      |               | ug/L |   | 26   | 10 - 73     |
| Anthracene                  | 5.71        | 3.655      |               | ug/L |   | 64   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 3.844      |               | ug/L |   | 67   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 3.810      |               | ug/L |   | 67   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 3.540      |               | ug/L |   | 62   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 3.518      | I             | ug/L |   | 62   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 3.871      |               | ug/L |   | 68   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 3.535      |               | ug/L |   | 62   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.241      |               | ug/L |   | 74   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 4.237      |               | ug/L |   | 74   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.222      |               | ug/L |   | 56   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 3.724      |               | ug/L |   | 65   | 60 - 150    |
| Chrysene                    | 5.71        | 3.841      |               | ug/L |   | 67   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 3.637      |               | ug/L |   | 64   | 50 - 147    |
| Dibenzofuran                | 5.71        | 3.891      |               | ug/L |   | 68   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 3.583      |               | ug/L |   | 63   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.183      |               | ug/L |   | 73   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 3.853      |               | ug/L |   | 67   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 4.323      |               | ug/L |   | 76   | 55 - 150    |
| Fluoranthene                | 5.71        | 3.711      |               | ug/L |   | 65   | 50 - 144    |
| Fluorene                    | 5.71        | 3.831      |               | ug/L |   | 67   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 3.711      |               | ug/L |   | 65   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 3.912      |               | ug/L |   | 68   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 3.283      |               | ug/L |   | 57   | 24 - 150    |
| Hexachloroethane            | 5.71        | 3.729      |               | ug/L |   | 65   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.711      |               | ug/L |   | 65   | 46 - 138    |
| Isophorone                  | 5.71        | 3.979      |               | ug/L |   | 70   | 48 - 147    |
| Naphthalene                 | 5.71        | 3.928      |               | ug/L |   | 69   | 35 - 141    |
| Nitrobenzene                | 5.71        | 3.978      |               | ug/L |   | 70   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.167      |               | ug/L |   | 73   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 3.953      |               | ug/L |   | 69   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 3.769      |               | ug/L |   | 66   | 33 - 150    |
| Phenanthrene                | 5.71        | 3.781      |               | ug/L |   | 66   | 54 - 141    |
| Phenol                      | 5.71        | 3.777      | I             | ug/L |   | 66   | 40 - 145    |
| Pyrene                      | 5.71        | 3.845      |               | ug/L |   | 67   | 50 - 143    |
| Pyridine                    | 5.71        | 2.321      | J             | ug/L |   | 41   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.229      |               | ug/L |   | 57   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.263      |               | ug/L |   | 75   | 60 - 150    |
| Acetophenone                | 5.71        | 3.002      |               | ug/L |   | 53   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 3.345      |               | ug/L |   | 59   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 2.982      |               | ug/L |   | 52   | 52 - 128    |
| Diphenyl ether              | 5.71        | 3.085      |               | ug/L |   | 54   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.193      |               | ug/L |   | 56   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 1.866      |               | ug/L |   | 33   | 10 - 115    |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275005/2-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 3.128      |               | ug/L |   | 55   | 46 - 125    |
| 1,3,5-Trinitrobenzene          | 5.71        | 2.653      |               | ug/L |   | 46   | 42 - 130    |
| 1,3-Dinitrobenzene             | 5.71        | 5.135      |               | ug/L |   | 90   | 65 - 150    |
| 1,4-Naphthoquinone             | 5.71        | 3.462      |               | ug/L |   | 61   | 24 - 137    |
| 1-Naphthylamine                | 5.71        | 1.289      |               | ug/L |   | 23   | 10 - 130    |
| 2,6-Dichlorophenol             | 5.71        | 3.216      |               | ug/L |   | 56   | 42 - 145    |
| 2-Acetylaminofluorene          | 5.71        | 2.929      |               | ug/L |   | 51   | 45 - 150    |
| 2-Chlorophenol                 | 5.71        | 4.184      |               | ug/L |   | 73   | 51 - 143    |
| 2-Naphthylamine                | 5.71        | 1.482      |               | ug/L |   | 26   | 17 - 130    |
| 2-Picoline                     | 5.71        | 1.712      |               | ug/L |   | 30   | 10 - 143    |
| 2-Toluidine                    | 5.71        | 1.024      |               | ug/L |   | 18   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | 2.153      |               | ug/L |   | 38   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295     | U *-          | ug/L |   | 4    | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 2.766      | *-            | ug/L |   | 48   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 1.365      |               | ug/L |   | 24   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 2.944      |               | ug/L |   | 52   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 1.688      |               | ug/L |   | 59   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.486      |               | ug/L |   | 52   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.495      |               | ug/L |   | 59   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 0.9010     |               | ug/L |   | 61   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.107      |               | ug/L |   | 54   | 45 - 138    |
| Hexachloropropene              | 5.71        | 2.987      |               | ug/L |   | 52   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.230      |               | ug/L |   | 57   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.5137     | J             | ug/L |   | 56   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 2.716      |               | ug/L |   | 57   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.060      |               | ug/L |   | 54   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.233      |               | ug/L |   | 57   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.119      |               | ug/L |   | 72   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 3.969      |               | ug/L |   | 69   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.132      |               | ug/L |   | 55   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.136      |               | ug/L |   | 55   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.389      |               | ug/L |   | 59   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 3.379      |               | ug/L |   | 59   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 3.799      |               | ug/L |   | 66   | 38 - 145    |
| Phenacetin                     | 5.71        | 3.208      |               | ug/L |   | 56   | 50 - 150    |
| p-Phenylene diamine            | 5.71        | <5.71      | U             | ug/L |   | 12   | 5 - 112     |
| Pronamide                      | 5.71        | 3.616      |               | ug/L |   | 63   | 60 - 150    |
| Safrole, Total                 | 5.71        | 3.114      | *-            | ug/L |   | 54   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 58            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 53            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 58            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 59            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 57            |               | 8 - 124  |
| p-Terphenyl-d14             | 54            |               | 28 - 130 |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275005/4-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate                       | 2.86        | 7.951      | *+            | ug/L |   | 278  | 70 - 150    |
| Dinoseb                          | 5.71        | 5.468      |               | ug/L |   | 96   | 10 - 150    |
| Disulfoton                       | 2.86        | 6.873      | *+            | ug/L |   | 241  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 7.328      | *+            | ug/L |   | 256  | 70 - 150    |
| Famphur                          | 2.86        | 3.124      |               | ug/L |   | 109  | 10 - 150    |
| Methapyrilene                    | 5.71        | 6.504      |               | ug/L |   | 114  | 10 - 150    |
| Methyl parathion                 | 2.86        | 7.528      | *+            | ug/L |   | 263  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.747      |               | ug/L |   | 96   | 38 - 150    |
| Phorate                          | 2.86        | 7.723      | *+            | ug/L |   | 270  | 65 - 150    |
| Sulfotepp                        | 2.86        | 7.277      | *+            | ug/L |   | 255  | 28 - 150    |
| Thionazin                        | 2.86        | 3.511      |               | ug/L |   | 123  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 72            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 71            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 74            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 74            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 73            |               | 8 - 124  |
| p-Terphenyl-d14             | 67            |               | 28 - 130 |

Lab Sample ID: LCSD 860-275005/3-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.341       |                | ug/L |   | 76   | 55 - 120    | 5   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.166       |                | ug/L |   | 73   | 65 - 130    | 6   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.139       |                | ug/L |   | 72   | 26 - 130    | 6   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 4.126       |                | ug/L |   | 72   | 60 - 150    | 8   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 3.984       |                | ug/L |   | 70   | 65 - 145    | 4   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.802       |                | ug/L |   | 84   | 58 - 150    | 1   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.486       |                | ug/L |   | 79   | 39 - 145    | 3   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.167       |                | ug/L |   | 73   | 60 - 147    | 2   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.193       |                | ug/L |   | 73   | 58 - 140    | 4   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.014       |                | ug/L |   | 53   | 31 - 145    | 6   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 1.638       | J              | ug/L |   | 29   | 10 - 150    | 9   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 4.820       |                | ug/L |   | 84   | 29 - 150    | 10  | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 4.708       |                | ug/L |   | 82   | 55 - 150    | 3   | 30        |
| 2-Chloronaphthalene          | 5.71        | 4.084       |                | ug/L |   | 71   | 39 - 141    | 6   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.097       |                | ug/L |   | 72   | 33 - 149    | 3   | 30        |
| 2-Methylphenol               | 5.71        | 4.342       |                | ug/L |   | 76   | 49 - 140    | 4   | 30        |
| 2-Nitroaniline               | 5.71        | 4.811       |                | ug/L |   | 84   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol                | 5.71        | 4.583       |                | ug/L |   | 80   | 43 - 150    | 4   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 3.816       |                | ug/L |   | 67   | 39 - 142    | 5   | 30        |
| 3-Nitroaniline               | 5.71        | 3.571       |                | ug/L |   | 62   | 25 - 130    | 6   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 2.189       | J              | ug/L |   | 38   | 10 - 150    | 4   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.391       |                | ug/L |   | 77   | 56 - 136    | 7   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.299       |                | ug/L |   | 75   | 52 - 137    | 1   | 30        |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275005/3-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 4-Chloroaniline             | 5.71        | 1.697       |                | ug/L |   | 30   | 10 - 95     | 3   | 30        |
| 4-Chlorophenyl phenyl ether | 5.71        | 3.890       |                | ug/L |   | 68   | 53 - 134    | 4   | 30        |
| 4-Nitroaniline              | 5.71        | 4.761       |                | ug/L |   | 83   | 45 - 148    | 1   | 30        |
| Acenaphthene                | 5.71        | 4.078       |                | ug/L |   | 71   | 48 - 136    | 6   | 30        |
| Acenaphthylene              | 5.71        | 4.190       |                | ug/L |   | 73   | 40 - 149    | 2   | 30        |
| Aniline                     | 5.71        | 1.523       |                | ug/L |   | 27   | 10 - 73     | 4   | 30        |
| Anthracene                  | 5.71        | 3.721       |                | ug/L |   | 65   | 51 - 146    | 2   | 30        |
| Benzo[a]anthracene          | 5.71        | 4.018       |                | ug/L |   | 70   | 43 - 145    | 4   | 30        |
| Benzo[a]pyrene              | 5.71        | 3.863       |                | ug/L |   | 68   | 52 - 136    | 1   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 3.748       |                | ug/L |   | 66   | 45 - 140    | 6   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 3.605       | I              | ug/L |   | 63   | 44 - 137    | 2   | 30        |
| Benzo[k]fluoranthene        | 5.71        | 4.095       |                | ug/L |   | 72   | 37 - 140    | 6   | 30        |
| Benzyl alcohol              | 5.71        | 3.730       |                | ug/L |   | 65   | 40 - 133    | 5   | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.353       |                | ug/L |   | 76   | 52 - 143    | 3   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 4.496       |                | ug/L |   | 79   | 52 - 140    | 6   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.258       |                | ug/L |   | 57   | 50 - 140    | 1   | 30        |
| Butyl benzyl phthalate      | 5.71        | 3.807       |                | ug/L |   | 67   | 60 - 150    | 2   | 30        |
| Chrysene                    | 5.71        | 4.004       |                | ug/L |   | 70   | 47 - 137    | 4   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 3.751       |                | ug/L |   | 66   | 50 - 147    | 3   | 30        |
| Dibenzofuran                | 5.71        | 4.160       |                | ug/L |   | 73   | 52 - 139    | 7   | 30        |
| Diethyl phthalate           | 5.71        | 3.621       |                | ug/L |   | 63   | 55 - 137    | 1   | 30        |
| Dimethyl phthalate          | 5.71        | 4.288       |                | ug/L |   | 75   | 44 - 150    | 3   | 30        |
| Di-n-butyl phthalate        | 5.71        | 3.929       |                | ug/L |   | 69   | 49 - 146    | 2   | 30        |
| Di-n-octyl phthalate        | 5.71        | 4.375       |                | ug/L |   | 77   | 55 - 150    | 1   | 30        |
| Fluoranthene                | 5.71        | 3.822       |                | ug/L |   | 67   | 50 - 144    | 3   | 30        |
| Fluorene                    | 5.71        | 4.051       |                | ug/L |   | 71   | 54 - 136    | 6   | 30        |
| Hexachlorobenzene           | 5.71        | 3.730       |                | ug/L |   | 65   | 55 - 138    | 0   | 30        |
| Hexachlorobutadiene         | 5.71        | 3.935       |                | ug/L |   | 69   | 45 - 150    | 1   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 3.566       |                | ug/L |   | 62   | 24 - 150    | 8   | 30        |
| Hexachloroethane            | 5.71        | 4.032       |                | ug/L |   | 71   | 30 - 130    | 8   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.739       |                | ug/L |   | 65   | 46 - 138    | 1   | 30        |
| Isophorone                  | 5.71        | 4.151       |                | ug/L |   | 73   | 48 - 147    | 4   | 30        |
| Naphthalene                 | 5.71        | 4.042       |                | ug/L |   | 71   | 35 - 141    | 3   | 30        |
| Nitrobenzene                | 5.71        | 4.208       |                | ug/L |   | 74   | 52 - 141    | 6   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.580       |                | ug/L |   | 80   | 41 - 137    | 9   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 4.183       |                | ug/L |   | 73   | 51 - 135    | 6   | 30        |
| Pentachlorophenol           | 5.71        | 3.970       |                | ug/L |   | 69   | 33 - 150    | 5   | 30        |
| Phenanthrene                | 5.71        | 3.870       |                | ug/L |   | 68   | 54 - 141    | 2   | 30        |
| Phenol                      | 5.71        | 4.117       | I              | ug/L |   | 72   | 40 - 145    | 9   | 30        |
| Pyrene                      | 5.71        | 3.930       |                | ug/L |   | 69   | 50 - 143    | 2   | 30        |
| Pyridine                    | 5.71        | 2.285       | J              | ug/L |   | 40   | 10 - 84     | 2   | 30        |
| N-Nitro-o-toluidine         | 5.71        | 3.270       |                | ug/L |   | 57   | 29 - 141    | 1   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.534       |                | ug/L |   | 79   | 60 - 150    | 6   | 30        |
| Acetophenone                | 5.71        | 3.197       |                | ug/L |   | 56   | 52 - 136    | 6   | 30        |
| N-Nitrosopiperidine         | 5.71        | 3.493       |                | ug/L |   | 61   | 36 - 148    | 4   | 30        |
| Pentachlorobenzene          | 5.71        | 3.169       |                | ug/L |   | 55   | 52 - 128    | 6   | 30        |
| Diphenyl ether              | 5.71        | 3.169       |                | ug/L |   | 55   | 46 - 130    | 3   | 30        |
| 1,1'-Biphenyl               | 5.71        | 3.306       |                | ug/L |   | 58   | 39 - 142    | 3   | 30        |
| 4-Aminobiphenyl             | 5.71        | 2.075       |                | ug/L |   | 36   | 10 - 115    | 11  | 30        |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275005/3-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 3.252       |                | ug/L |   | 57   | 46 - 125    | 4   | 30        |
| 1,3,5-Trinitrobenzene          | 5.71        | 2.527       |                | ug/L |   | 44   | 42 - 130    | 5   | 30        |
| 1,3-Dinitrobenzene             | 5.71        | 5.239       |                | ug/L |   | 92   | 65 - 150    | 2   | 30        |
| 1,4-Naphthoquinone             | 5.71        | 3.536       |                | ug/L |   | 62   | 24 - 137    | 2   | 30        |
| 1-Naphthylamine                | 5.71        | 1.339       |                | ug/L |   | 23   | 10 - 130    | 4   | 30        |
| 2,6-Dichlorophenol             | 5.71        | 3.286       |                | ug/L |   | 57   | 42 - 145    | 2   | 30        |
| 2-Acetylaminofluorene          | 5.71        | 2.944       |                | ug/L |   | 52   | 45 - 150    | 1   | 30        |
| 2-Chlorophenol                 | 5.71        | 4.430       |                | ug/L |   | 78   | 51 - 143    | 6   | 30        |
| 2-Naphthylamine                | 5.71        | 1.585       |                | ug/L |   | 28   | 17 - 130    | 7   | 30        |
| 2-Picoline                     | 5.71        | 1.833       |                | ug/L |   | 32   | 10 - 143    | 7   | 30        |
| 2-Toluidine                    | 5.71        | 1.046       |                | ug/L |   | 18   | 10 - 130    | 2   | 30        |
| 3,3'-Dichlorobenzidine         | 5.71        | 2.209       |                | ug/L |   | 39   | 10 - 128    | 3   | 30        |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295      | U *-           | ug/L |   | 5    | 10 - 130    | 14  | 30        |
| 3-Methylcholanthrene           | 5.71        | 2.849       | *-             | ug/L |   | 50   | 53 - 130    | 3   | 30        |
| 4-Nitroquinoline-1-oxide       | 5.71        | 1.254       |                | ug/L |   | 22   | 20 - 140    | 8   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.075       |                | ug/L |   | 54   | 27 - 146    | 4   | 30        |
| Aramite Peak 1                 | 2.86        | 1.735       |                | ug/L |   | 61   | 45 - 150    | 3   | 30        |
| Aramite Peak 2                 | 2.86        | 1.460       |                | ug/L |   | 51   | 45 - 150    | 2   | 30        |
| Diallate Peak 1                | 4.23        | 2.474       |                | ug/L |   | 59   | 47 - 150    | 1   | 30        |
| Diallate Peak 2                | 1.49        | 0.9182      |                | ug/L |   | 62   | 53 - 142    | 2   | 30        |
| Ethyl methanesulfonate         | 5.71        | 3.343       |                | ug/L |   | 58   | 45 - 138    | 7   | 30        |
| Hexachloropropene              | 5.71        | 2.996       |                | ug/L |   | 52   | 35 - 140    | 0   | 30        |
| Isosafrole                     | 5.71        | 3.348       |                | ug/L |   | 59   | 47 - 137    | 4   | 30        |
| Isosafrole Peak 1              | 0.914       | 0.5380      | J              | ug/L |   | 59   | 48 - 132    | 5   | 30        |
| Isosafrole Peak 2              | 4.80        | 2.810       |                | ug/L |   | 59   | 47 - 137    | 3   | 30        |
| Methyl methanesulfonate        | 5.71        | 3.275       |                | ug/L |   | 57   | 33 - 140    | 7   | 30        |
| N-Nitrosodiethylamine          | 5.71        | 3.418       |                | ug/L |   | 60   | 50 - 136    | 6   | 30        |
| N-Nitrosodimethylamine         | 5.71        | 4.418       |                | ug/L |   | 77   | 33 - 148    | 7   | 30        |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.016       |                | ug/L |   | 70   | 30 - 150    | 1   | 30        |
| N-Nitrosomethylethylamine      | 5.71        | 3.358       |                | ug/L |   | 59   | 30 - 148    | 7   | 30        |
| N-Nitrosomorpholine            | 5.71        | 3.370       |                | ug/L |   | 59   | 40 - 140    | 7   | 30        |
| N-Nitrosopyrrolidine           | 5.71        | 3.635       |                | ug/L |   | 64   | 20 - 130    | 7   | 30        |
| p-Dimethylamino azobenzene     | 5.71        | 3.475       |                | ug/L |   | 61   | 16 - 150    | 3   | 30        |
| Pentachloronitrobenzene        | 5.71        | 3.566       |                | ug/L |   | 62   | 38 - 145    | 6   | 30        |
| Phenacetin                     | 5.71        | 3.332       |                | ug/L |   | 58   | 50 - 150    | 4   | 30        |
| p-Phenylene diamine            | 5.71        | <5.71       | U              | ug/L |   | 12   | 5 - 112     | 1   | 30        |
| Pronamide                      | 5.71        | 3.716       |                | ug/L |   | 65   | 60 - 150    | 3   | 30        |
| Safrole, Total                 | 5.71        | 3.225       | *-             | ug/L |   | 56   | 70 - 130    | 4   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 59             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 59             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 61             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 63             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 60             |                | 8 - 124  |
| p-Terphenyl-d14             | 56             |                | 28 - 130 |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275005/5-A

Matrix: Water

Analysis Batch: 274826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Dimethoate                       | 2.86        | 6.749       | *+             | ug/L |   | 236  | 70 - 150    | 16  | 30        |
| Dinoseb                          | 5.71        | 4.157       |                | ug/L |   | 73   | 10 - 150    | 27  | 30        |
| Disulfoton                       | 2.86        | 6.463       | *+             | ug/L |   | 226  | 80 - 150    | 6   | 30        |
| Ethyl Parathion                  | 2.86        | 6.963       | *+             | ug/L |   | 244  | 70 - 150    | 5   | 30        |
| Famphur                          | 2.86        | 3.021       |                | ug/L |   | 106  | 10 - 150    | 3   | 30        |
| Methapyrilene                    | 5.71        | 5.372       |                | ug/L |   | 94   | 10 - 150    | 19  | 30        |
| Methyl parathion                 | 2.86        | 7.189       | *+             | ug/L |   | 252  | 80 - 150    | 5   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.407       |                | ug/L |   | 84   | 38 - 150    | 13  | 30        |
| Phorate                          | 2.86        | 6.923       | *+             | ug/L |   | 242  | 65 - 150    | 11  | 30        |
| Sulfotepp                        | 2.86        | 6.833       | *+             | ug/L |   | 239  | 28 - 150    | 6   | 30        |
| Thionazin                        | 2.86        | 3.403       |                | ug/L |   | 119  | 40 - 140    | 3   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 72             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 67             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 70             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 68             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 68             |                | 8 - 124  |
| p-Terphenyl-d14             | 63             |                | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: MB 860-275005/1-A

Matrix: Water

Analysis Batch: 275157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                                  | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine - RA | <1.45     | U            | 5.71 | 1.45 | ug/L |   | 11/11/25 15:35 | 11/12/25 17:32 | 1       |

| Surrogate                        | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) - RA | 67           |              | 26 - 136 | 11/11/25 15:35 | 11/12/25 17:32 | 1       |
| 2-Fluorobiphenyl - RA            | 62           |              | 39 - 130 | 11/11/25 15:35 | 11/12/25 17:32 | 1       |
| 2-Fluorophenol (Surr) - RA       | 64           |              | 19 - 120 | 11/11/25 15:35 | 11/12/25 17:32 | 1       |
| Nitrobenzene-d5 (Surr) - RA      | 60           |              | 32 - 133 | 11/11/25 15:35 | 11/12/25 17:32 | 1       |
| Phenol-d5 (Surr) - RA            | 51           |              | 8 - 124  | 11/11/25 15:35 | 11/12/25 17:32 | 1       |
| p-Terphenyl-d14 - RA             | 54           |              | 28 - 130 | 11/11/25 15:35 | 11/12/25 17:32 | 1       |

Lab Sample ID: LCS 860-275005/2-A

Matrix: Water

Analysis Batch: 275157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                                  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine - RA | 5.71        | 1.770      | J             | ug/L |   | 31   | 5 - 150     |

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# QC Sample Results

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: LCS 860-275005/2-A

Matrix: Water

Analysis Batch: 275157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275005

|                                  | LCS       | LCS       |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) - RA | 67        |           | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 62        |           | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 61        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 61        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 54        |           | 8 - 124  |
| p-Terphenyl-d14 - RA             | 53        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275005/3-A

Matrix: Water

Analysis Batch: 275157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275005

| Analyte                                  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine - RA | 5.71        | 1.548       | J              | ug/L |   | 27   | 5 - 150     | 13  | 30        |

|                                  | LCSD      | LCSD      |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) - RA | 67        |           | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 63        |           | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 63        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 65        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 56        |           | 8 - 124  |
| p-Terphenyl-d14 - RA             | 55        |           | 28 - 130 |

## QC Association Summary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

### GC/MS VOA

#### Analysis Batch: 274817

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-115709-1      | HMW-4                  | Total/NA  | Water  | 8260D  |            |
| 860-115709-2      | HMW-2                  | Total/NA  | Water  | 8260D  |            |
| 860-115709-3      | HMW-1                  | Total/NA  | Water  | 8260D  |            |
| 860-115709-4      | HMW-3                  | Total/NA  | Water  | 8260D  |            |
| 860-115709-5      | HMW-5                  | Total/NA  | Water  | 8260D  |            |
| 860-115709-6      | TB-01                  | Total/NA  | Water  | 8260D  |            |
| MB 860-274817/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-274817/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-274817/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115888-D-2 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Analysis Batch: 274826

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-115709-1        | HMW-4                  | Total/NA  | Water  | 8270E  | 275005     |
| 860-115709-2        | HMW-2                  | Total/NA  | Water  | 8270E  | 275005     |
| 860-115709-3        | HMW-1                  | Total/NA  | Water  | 8270E  | 275005     |
| 860-115709-4        | HMW-3                  | Total/NA  | Water  | 8270E  | 275005     |
| MB 860-275005/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275005     |
| LCS 860-275005/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275005     |
| LCS 860-275005/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275005     |
| LCSD 860-275005/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275005     |
| LCSD 860-275005/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275005     |

#### Prep Batch: 275005

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-115709-1             | HMW-4                  | Total/NA  | Water  | 3511   |            |
| 860-115709-1 - RA        | HMW-4                  | Total/NA  | Water  | 3511   |            |
| 860-115709-2             | HMW-2                  | Total/NA  | Water  | 3511   |            |
| 860-115709-2 - RA        | HMW-2                  | Total/NA  | Water  | 3511   |            |
| 860-115709-3             | HMW-1                  | Total/NA  | Water  | 3511   |            |
| 860-115709-3 - RA        | HMW-1                  | Total/NA  | Water  | 3511   |            |
| 860-115709-4             | HMW-3                  | Total/NA  | Water  | 3511   |            |
| 860-115709-4 - RA        | HMW-3                  | Total/NA  | Water  | 3511   |            |
| 860-115709-5             | HMW-5                  | Total/NA  | Water  | 3511   |            |
| 860-115709-5 - RA        | HMW-5                  | Total/NA  | Water  | 3511   |            |
| MB 860-275005/1-A        | Method Blank           | Total/NA  | Water  | 3511   |            |
| MB 860-275005/1-A - RA   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275005/2-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275005/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275005/4-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275005/3-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275005/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275005/5-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

#### Analysis Batch: 275090

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-115709-5  | HMW-5            | Total/NA  | Water  | 8270E  | 275005     |

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## QC Association Summary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

### GC/MS Semi VOA

#### Analysis Batch: 275157

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-115709-1 - RA        | HMW-4                  | Total/NA  | Water  | 8270E  | 275005     |
| 860-115709-2 - RA        | HMW-2                  | Total/NA  | Water  | 8270E  | 275005     |
| 860-115709-3 - RA        | HMW-1                  | Total/NA  | Water  | 8270E  | 275005     |
| 860-115709-4 - RA        | HMW-3                  | Total/NA  | Water  | 8270E  | 275005     |
| 860-115709-5 - RA        | HMW-5                  | Total/NA  | Water  | 8270E  | 275005     |
| MB 860-275005/1-A - RA   | Method Blank           | Total/NA  | Water  | 8270E  | 275005     |
| LCS 860-275005/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275005     |
| LCSD 860-275005/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275005     |

# Lab Chronicle

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

## Client Sample ID: HMW-4

Date Collected: 11/04/25 08:41

Date Received: 11/05/25 09:11

## Lab Sample ID: 860-115709-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 15:30       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 274826       | 11/11/25 19:27       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70 mL          | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 275157       | 11/12/25 19:02       | EM      | EET HOU |

## Client Sample ID: HMW-2

Date Collected: 11/04/25 10:18

Date Received: 11/05/25 09:11

## Lab Sample ID: 860-115709-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 15:50       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.4 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 274826       | 11/11/25 19:55       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.4 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 275157       | 11/12/25 19:31       | EM      | EET HOU |

## Client Sample ID: HMW-1

Date Collected: 11/04/25 11:27

Date Received: 11/05/25 09:11

## Lab Sample ID: 860-115709-3

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 16:11       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.3 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 274826       | 11/11/25 20:23       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.3 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 275157       | 11/12/25 20:01       | EM      | EET HOU |

## Client Sample ID: HMW-3

Date Collected: 11/04/25 13:45

Date Received: 11/05/25 09:11

## Lab Sample ID: 860-115709-4

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 16:31       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 274826       | 11/11/25 20:51       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.1 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 275157       | 11/12/25 20:31       | EM      | EET HOU |

## Client Sample ID: HMW-5

Date Collected: 11/04/25 15:13

Date Received: 11/05/25 09:11

## Lab Sample ID: 860-115709-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 16:52       | NA      | EET HOU |

Eurofins Houston

Lab Chronicle

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

**Client Sample ID: HMW-5**  
**Date Collected: 11/04/25 15:13**  
**Date Received: 11/05/25 09:11**

**Lab Sample ID: 860-115709-5**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3511         |     |            | 70.2 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275090       | 11/12/25 04:46       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.2 mL        | 4 mL         | 275005       | 11/11/25 15:35       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 275157       | 11/12/25 21:00       | EM      | EET HOU |

**Client Sample ID: TB-01**  
**Date Collected: 11/04/25 00:00**  
**Date Received: 11/05/25 09:11**

**Lab Sample ID: 860-115709-6**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 17:12       | NA      | EET HOU |

**Laboratory References:**  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Accreditation/Certification Summary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-30-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



Sample Summary

Client: Ashland LLC  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115709-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-115709-1  | HMW-4            | Water  | 11/04/25 08:41 | 11/05/25 09:11 | Mississippi   |
| 860-115709-2  | HMW-2            | Water  | 11/04/25 10:18 | 11/05/25 09:11 | Mississippi   |
| 860-115709-3  | HMW-1            | Water  | 11/04/25 11:27 | 11/05/25 09:11 | Mississippi   |
| 860-115709-4  | HMW-3            | Water  | 11/04/25 13:45 | 11/05/25 09:11 | Mississippi   |
| 860-115709-5  | HMW-5            | Water  | 11/04/25 15:13 | 11/05/25 09:11 | Mississippi   |
| 860-115709-6  | TB-01            | Water  | 11/04/25 00:00 | 11/05/25 09:11 | Mississippi   |

- 1
- 2
- 3
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- 5
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- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



## Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-115709-1

Login Number: 115709

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 11/25/2025 1:49:27 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-115932-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



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11/25/2025 1:49:27 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| *3        | ISTD response or retention time outside acceptable limits.                                                     |
| E         | Result exceeded calibration range.                                                                             |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.  |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-115932-1

**Job ID: 860-115932-1**

**Eurofins Houston**

## Job Narrative 860-115932-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/7/2025 9:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275382 recovered outside acceptance criteria, low biased, for Benzyl chloride (-23%) and Vinyl acetate (-32%). A low level standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-275382 were outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275269 recovered above the upper control limit for Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275269/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276080 recovered above the upper control limit for 2,4,5-Trichlorophenol, Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276080/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276080 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276080/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275269 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate and Sulfotepp. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275269/3).

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: 2-Picoline, 2-

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-115932-1

### Job ID: 860-115932-1 (Continued)

Eurofins Houston

Toluidine, 3,3'-Dimethylbenzidine, Aniline, and Pyridine. These analytes have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analytes. These results have been reported and qualified.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate and Sulfotepp. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: 2-Naphthylamine, 4-Chloroaniline, Aniline and p-Phenylene diamine.

Method 8270E\_QQQ: Internal standard (ISTD) Chrysene-d12, Perylene-d12, and Phenanthrene-d10 responses for the following sample in analytical batch 860-276600 was outside acceptance criteria (biased low): (MB 860-274823/1-A). These ISTD correspond to the requested target compounds reported from this analytical batch were non-detected; therefore, the data have been reported.

Method 8270E\_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 860-276655 and analytical batch 860-276932 recovered outside control limits for the following analytes: multiple Analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276932 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276932/3).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276932 recovered above the upper control limit for Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-277397 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-277397/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

### Client Sample ID: MW-43

Lab Sample ID: 860-115932-1

| Analyte                 | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| 2-Propanol              | 209    |           | 10.0  | 5.23  | ug/L | 1   |     |   | 8260D  | Total/NA  |
| Acetone                 | 10.6   | J         | 100   | 3.07  | ug/L | 1   |     |   | 8260D  | Total/NA  |
| 1,4-Dioxane             | 3.65   |           | 0.575 | 0.105 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Acenaphthene            | 2.71   |           | 0.575 | 0.102 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether | 2.19   |           | 0.575 | 0.107 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Dibenzofuran            | 0.167  | J         | 0.575 | 0.113 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Fluorene                | 0.834  |           | 0.575 | 0.114 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Naphthalene             | 0.963  |           | 0.575 | 0.115 | ug/L | 1   |     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

| Analyte                 | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| 1,4-Dioxane             | 8.84   |           | 0.580 | 0.106 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| 1,4-Dioxane             | 8.19   | H         | 0.577 | 0.106 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether | 7.01   |           | 0.580 | 0.108 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether | 7.84   | H         | 0.577 | 0.108 | ug/L | 1   |     |   | 8270E  | Total/NA  |
| Di-n-butyl phthalate    | 0.855  | J         | 1.16  | 0.670 | ug/L | 1   |     |   | 8270E  | Total/NA  |

### Client Sample ID: TB-04

Lab Sample ID: 860-115932-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-43

Lab Sample ID: 860-115932-1

Date Collected: 11/06/25 07:40

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result        | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|---------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,1,1-Trichloroethane                 | <0.585        | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,1,2-Trichloroethane                 | <0.411        | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,1-Dichloroethane                    | <0.635        | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,1-Dichloroethene                    | <0.738        | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,2,3-Trichloropropane                | <0.470        | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417        | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,2-Dibromoethane                     | <0.999        | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,2-Dichloroethane                    | <0.372        | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,2-Dichloropropane                   | <0.556        | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411        | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 1,3-Butadiene                         | <0.568        | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 2,2,4-Trimethylpentane                | <0.500        | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 2-Butanone (MEK)                      | <8.28         | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 10:36 | 1       |
| 2-Hexanone (MBK)                      | <5.00         | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 10:36 | 1       |
| <b>2-Propanol</b>                     | <b>209</b>    |           | 10.0 | 5.23  | ug/L |   |          | 11/13/25 10:36 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 10:36 | 1       |
| 4-Methyl-2-pentanone                  | <5.00         | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 10:36 | 1       |
| <b>Acetone</b>                        | <b>10.6 J</b> |           | 100  | 3.07  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Acetonitrile                          | <14.6         | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Acrolein                              | <11.1         | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Acrylonitrile                         | <14.3         | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 10:36 | 1       |
| alpha-Chlorotoluene                   | <2.26         | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Benzene                               | <0.460        | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Bromodichloromethane                  | <0.552        | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Bromoform                             | <0.633        | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Bromomethane                          | <1.42         | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Carbon disulfide                      | <1.65         | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Carbon tetrachloride                  | <0.896        | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Chlorobenzene                         | <0.455        | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Chlorodibromomethane                  | <0.547        | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Chloroethane                          | <1.98         | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Chloroform                            | <0.464        | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Chloromethane                         | <2.04         | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Chloroprene                           | <0.598        | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 10:36 | 1       |
| cis-1,2-Dichloroethene                | <0.457        | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 10:36 | 1       |
| cis-1,3-Dichloropropene               | <1.07         | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Cumene (isopropylbenzene)             | <0.592        | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Cyclohexane                           | <1.29         | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Dibromomethane                        | <0.357        | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Dichlorodifluoromethane               | <0.785        | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Ethyl methacrylate                    | <1.12         | U         | 5.00 | 1.12  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Ethylbenzene                          | <0.385        | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Hexane                                | <0.517        | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 10:36 | 1       |
| Iodomethane                           | <5.00         | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 10:36 | 1       |
| Isobutanol                            | <17.1         | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 10:36 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-43

Lab Sample ID: 860-115932-1

Date Collected: 11/06/25 07:40

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 10:36 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 10:36 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 10:36 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 10:36 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 10:36 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 10:36 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 10:36 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 10:36 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 10:36 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 10:36 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 10:36 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 10:36 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 63 - 144 |          | 11/13/25 10:36 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/13/25 10:36 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 131 |          | 11/13/25 10:36 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 11/13/25 10:36 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.575 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,2-Dichlorobenzene          | <0.102  | U         | 0.575 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.575 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86   | U         | 2.87  | 1.86   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,4,5-Trichlorophenol        | <0.433  | U         | 0.575 | 0.433  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.575 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,4-Dichlorophenol           | <0.127  | U         | 0.575 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,4-Dimethylphenol           | <0.113  | U         | 0.575 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,4-Dioxane                  | 3.65    |           | 0.575 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.75  | 1.39   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,4-Dinitrotoluene           | <0.516  | U         | 1.15  | 0.516  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,6-Dinitrotoluene           | <0.275  | U         | 0.575 | 0.275  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.575 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Methylnaphthalene          | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Methylphenol               | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.575 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.575 | 0.138  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 3 & 4 Methylphenol           | <0.0950 | U         | 0.575 | 0.0950 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 3-Nitroaniline               | <0.224  | U         | 1.15  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.24   | U         | 2.87  | 1.24   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-43

Lab Sample ID: 860-115932-1

Date Collected: 11/06/25 07:40

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether     | <0.106       | U         | 0.575 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 4-Chloro-3-methylphenol        | <0.120       | U         | 0.575 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 4-Chloroaniline                | <0.0886      | U *1      | 0.575 | 0.0886 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 4-Chlorophenyl phenyl ether    | <0.0959      | U         | 0.575 | 0.0959 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 4-Nitroaniline                 | <0.272       | U         | 1.15  | 0.272  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| <b>Acenaphthene</b>            | <b>2.71</b>  |           | 0.575 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Acenaphthylene                 | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Aniline                        | <0.453       | U *- *1   | 1.15  | 0.453  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Anthracene                     | <0.105       | U         | 0.575 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Benzo[a]anthracene             | <0.127       | U         | 0.287 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Benzo[a]pyrene                 | <0.108       | U         | 0.287 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Benzo[b]fluoranthene           | <0.125       | U         | 0.575 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Benzo[g,h,i]perylene           | <0.0908      | U         | 0.575 | 0.0908 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Benzo[k]fluoranthene           | <0.124       | U         | 0.575 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Benzyl alcohol                 | <0.226       | U         | 2.87  | 0.226  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Bis(2-chloroethoxy)methane     | <0.108       | U         | 0.575 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| <b>Bis(2-chloroethyl)ether</b> | <b>2.19</b>  |           | 0.575 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Bis(2-ethylhexyl) phthalate    | <0.574       | U         | 1.15  | 0.574  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Butyl benzyl phthalate         | <0.338       | U         | 1.15  | 0.338  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Chrysene                       | <0.0971      | U         | 0.575 | 0.0971 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Dibenz(a,h)anthracene          | <0.0856      | U         | 0.115 | 0.0856 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| <b>Dibenzofuran</b>            | <b>0.167</b> | <b>J</b>  | 0.575 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Diethyl phthalate              | <0.188       | U         | 1.15  | 0.188  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Dimethyl phthalate             | <0.134       | U         | 1.15  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Di-n-butyl phthalate           | <0.664       | U         | 1.15  | 0.664  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Di-n-octyl phthalate           | <0.287       | U *-      | 1.15  | 0.287  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Fluoranthene                   | <0.121       | U         | 0.575 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| <b>Fluorene</b>                | <b>0.834</b> |           | 0.575 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Hexachlorobenzene              | <0.133       | U         | 0.575 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Hexachlorobutadiene            | <0.163       | U         | 0.575 | 0.163  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Hexachlorocyclopentadiene      | <0.180       | U         | 1.15  | 0.180  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Hexachloroethane               | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.103       | U         | 0.575 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Isophorone                     | <0.106       | U         | 0.575 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| <b>Naphthalene</b>             | <b>0.963</b> |           | 0.575 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Nitrobenzene                   | <0.153       | U         | 0.575 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosodi-n-propylamine      | <0.148       | U         | 0.575 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosodiphenylamine         | <0.113       | U         | 0.575 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Pentachlorophenol              | <0.314       | U         | 0.575 | 0.314  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Phenanthrene                   | <0.107       | U         | 0.575 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Phenol                         | <0.509       | U         | 1.15  | 0.509  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Pyrene                         | <0.130       | U         | 0.575 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Pyridine                       | <0.841       | U *-      | 2.87  | 0.841  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitro-o-toluidine            | <0.655       | U         | 1.15  | 0.655  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.255       | U         | 0.575 | 0.255  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Acetophenone                   | <0.139       | U *-      | 1.15  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosopiperidine            | <0.634       | U         | 1.15  | 0.634  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Pentachlorobenzene             | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Diphenyl ether                 | <0.102       | U         | 0.575 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-43

Lab Sample ID: 860-115932-1

Date Collected: 11/06/25 07:40

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                     | <0.114  | U         | 0.575 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 4-Aminobiphenyl                   | <0.196  | U         | 0.575 | 0.196  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,2,4,5-Tetrachlorobenzene        | <0.116  | U         | 0.575 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,3,5-Trinitrobenzene             | <0.657  | U *1      | 1.15  | 0.657  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,3-Dinitrobenzene                | <0.591  | U         | 1.15  | 0.591  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1,4-Naphthoquinone                | <0.0616 | U         | 0.575 | 0.0616 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 1-Naphthylamine                   | <0.271  | U         | 0.575 | 0.271  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2,6-Dichlorophenol                | <0.0978 | U         | 0.575 | 0.0978 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Acetylaminofluorene             | <1.72   | U *-      | 2.87  | 1.72   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Chlorophenol                    | <0.103  | U         | 0.575 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Naphthylamine                   | <0.414  | U *1      | 0.575 | 0.414  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Picoline                        | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Toluidine                       | <0.427  | U *- *1   | 0.575 | 0.427  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 3,3'-Dichlorobenzidine            | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 3,3'-Dimethylbenzidine            | <0.297  | U *- *1   | 0.575 | 0.297  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 3-Methylcholanthrene              | <0.0886 | U *-      | 0.575 | 0.0886 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.640  | U         | 1.15  | 0.640  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.129  | U         | 0.575 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Aramite Peak 1                    | <0.185  | U *-      | 0.575 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Aramite Peak 2                    | <0.204  | U *-      | 0.575 | 0.204  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Aramite, Total                    | <0.185  | U *-      | 0.575 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Diallate                          | <0.0301 | U *-      | 0.575 | 0.0301 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Diallate Peak 1                   | <0.0752 | U *-      | 0.575 | 0.0752 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Diallate Peak 2                   | <0.0301 | U *-      | 0.575 | 0.0301 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Dimethoate                        | <0.502  | U **      | 2.87  | 0.502  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Dinoseb                           | <0.680  | U **      | 2.87  | 0.680  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Disulfoton                        | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Ethyl methanesulfonate            | <0.186  | U         | 0.575 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Ethyl Parathion                   | <0.629  | U **      | 1.15  | 0.629  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Famphur                           | <0.260  | U         | 1.15  | 0.260  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Hexachloropropene                 | <0.575  | U         | 0.575 | 0.575  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Isosafrole                        | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Isosafrole Peak 1                 | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Isosafrole Peak 2                 | <0.0991 | U         | 0.575 | 0.0991 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Methyl methanesulfonate           | <0.187  | U         | 0.575 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Methyl parathion                  | <2.78   | U **      | 2.87  | 2.78   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosodiethylamine             | <0.677  | U *-      | 1.15  | 0.677  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosodimethylamine            | <0.160  | U         | 0.575 | 0.160  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosodi-n-butylamine          | <0.728  | U         | 1.15  | 0.728  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosomethylethylamine         | <0.705  | U         | 1.15  | 0.705  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosomorpholine               | <0.717  | U         | 1.15  | 0.717  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.575 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.133  | U         | 0.575 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| p-Dimethylamino azobenzene        | <0.155  | U         | 0.575 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Pentachloronitrobenzene           | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Phenacetin                        | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Phorate                           | <2.62   | U **      | 5.75  | 2.62   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| p-Phenylene diamine               | <5.75   | U *1      | 5.75  | 5.75   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Pronamide                         | <0.135  | U *-      | 0.575 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-43

Lab Sample ID: 860-115932-1

Date Collected: 11/06/25 07:40

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0926 | U *-      | 0.575 | 0.0926 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Sulfotepp      | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Thionazin      | <0.342  | U         | 1.15  | 0.342  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:12 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 26 - 136 | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Fluorobiphenyl            | 76        |           | 39 - 130 | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 19 - 120 | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Nitrobenzene-d5 (Surr)      | 82        |           | 32 - 133 | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/11/25 08:31 | 11/15/25 10:12 | 1       |
| p-Terphenyl-d14             | 58        |           | 28 - 130 | 11/11/25 08:31 | 11/15/25 10:12 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.46  | U         | 5.75 | 1.46 | ug/L |   | 11/11/25 08:31 | 11/18/25 16:58 | 1       |
| Methapyrilene                       | <1.53  | U         | 2.30 | 1.53 | ug/L |   | 11/11/25 08:31 | 11/18/25 16:58 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 85        |           | 26 - 136 | 11/11/25 08:31 | 11/18/25 16:58 | 1       |
| 2-Fluorobiphenyl            | 76        |           | 39 - 130 | 11/11/25 08:31 | 11/18/25 16:58 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 11/11/25 08:31 | 11/18/25 16:58 | 1       |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/11/25 08:31 | 11/18/25 16:58 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/11/25 08:31 | 11/18/25 16:58 | 1       |
| p-Terphenyl-d14             | 60        |           | 28 - 130 | 11/11/25 08:31 | 11/18/25 16:58 | 1       |

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 10:56 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 10:56 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 10:56 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 10:56 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 10:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| 4-Methyl-2-pentanone        | <5.00     | U         | 50.0    | 5.00     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Acetone                     | <3.07     | U         | 100     | 3.07     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Acetonitrile                | <14.6     | U         | 100     | 14.6     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Acrolein                    | <11.1     | U         | 50.0    | 11.1     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/13/25 10:56 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 10:56 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 10:56 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 10:56 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 10:56 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 10:56 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 10:56 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 10:56 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 10:56 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 10:56 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 10:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/13/25 10:56 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/13/25 10:56 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 75 - 131 |          | 11/13/25 10:56 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/13/25 10:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.123  | U         | 0.580 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,2,4-Trichlorobenzene       | <0.122  | U H       | 0.577 | 0.122  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,2-Dichlorobenzene          | <0.102  | U         | 0.580 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,2-Dichlorobenzene          | <0.102  | U H       | 0.577 | 0.102  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,3-Dichlorobenzene          | <0.109  | U         | 0.580 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,3-Dichlorobenzene          | <0.109  | U H       | 0.577 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,4-Dichlorobenzene          | <0.111  | U         | 0.580 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,4-Dichlorobenzene          | <0.111  | U H       | 0.577 | 0.111  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.88   | U         | 2.90  | 1.88   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.87   | U H       | 2.89  | 1.87   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,4,5-Trichlorophenol        | <0.437  | U         | 0.580 | 0.437  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,4,5-Trichlorophenol        | <0.435  | U H       | 0.577 | 0.435  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,4,6-Trichlorophenol        | <0.118  | U         | 0.580 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,4,6-Trichlorophenol        | <0.118  | U H       | 0.577 | 0.118  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,4-Dichlorophenol           | <0.128  | U         | 0.580 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,4-Dichlorophenol           | <0.127  | U H       | 0.577 | 0.127  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,4-Dimethylphenol           | <0.114  | U         | 0.580 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,4-Dimethylphenol           | <0.113  | U H       | 0.577 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,4-Dioxane                  | 8.84    |           | 0.580 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,4-Dioxane                  | 8.19    | H         | 0.577 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,4-Dinitrophenol            | <1.40   | U         | 5.80  | 1.40   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,4-Dinitrophenol            | <1.40   | U H       | 5.77  | 1.40   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,4-Dinitrotoluene           | <0.521  | U         | 1.16  | 0.521  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,4-Dinitrotoluene           | <0.518  | U H       | 1.15  | 0.518  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,6-Dinitrotoluene           | <0.277  | U         | 0.580 | 0.277  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,6-Dinitrotoluene           | <0.276  | U H       | 0.577 | 0.276  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Chloronaphthalene          | <0.120  | U         | 0.580 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Chloronaphthalene          | <0.119  | U H       | 0.577 | 0.119  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Methylnaphthalene          | <0.111  | U         | 0.580 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Methylnaphthalene          | <0.110  | U H       | 0.577 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Methylphenol               | <0.111  | U         | 0.580 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Methylphenol               | <0.110  | U H       | 0.577 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Nitroaniline               | <0.160  | U         | 0.580 | 0.160  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Nitroaniline               | <0.160  | U H       | 0.577 | 0.160  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Nitrophenol                | <0.139  | U         | 0.580 | 0.139  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Nitrophenol                | <0.139  | U H       | 0.577 | 0.139  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 3 & 4 Methylphenol           | <0.0958 | U         | 0.580 | 0.0958 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 3 & 4 Methylphenol           | <0.0954 | U H       | 0.577 | 0.0954 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 3-Nitroaniline               | <0.226  | U         | 1.16  | 0.226  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 3-Nitroaniline               | <0.225  | U H       | 1.15  | 0.225  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.25   | U         | 2.90  | 1.25   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.24   | U H       | 2.89  | 1.24   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4-Bromophenyl phenyl ether   | <0.107  | U         | 0.580 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.106  | U H       | 0.577 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4-Chloro-3-methylphenol     | <0.121  | U         | 0.580 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U H       | 0.577 | 0.120  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4-Chloroaniline             | <0.0894 | U *1      | 0.580 | 0.0894 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 4-Chloroaniline             | <0.0890 | U H       | 0.577 | 0.0890 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0968 | U         | 0.580 | 0.0968 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0964 | U H       | 0.577 | 0.0964 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4-Nitroaniline              | <0.275  | U         | 1.16  | 0.275  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 4-Nitroaniline              | <0.274  | U H       | 1.15  | 0.274  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Acenaphthene                | <0.103  | U         | 0.580 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Acenaphthene                | <0.102  | U H       | 0.577 | 0.102  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Acenaphthylene              | <0.127  | U         | 0.580 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Acenaphthylene              | <0.126  | U H       | 0.577 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Aniline                     | <0.457  | U * - *1  | 1.16  | 0.457  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Aniline                     | <0.455  | U H       | 1.15  | 0.455  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Anthracene                  | <0.106  | U         | 0.580 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Anthracene                  | <0.105  | U H       | 0.577 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Benzo[a]anthracene          | <0.129  | U         | 0.290 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Benzo[a]anthracene          | <0.128  | U H       | 0.289 | 0.128  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Benzo[a]pyrene              | <0.109  | U         | 0.290 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Benzo[a]pyrene              | <0.108  | U H       | 0.289 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Benzo[b]fluoranthene        | <0.126  | U         | 0.580 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Benzo[b]fluoranthene        | <0.126  | U H       | 0.577 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Benzo[g,h,i]perylene        | <0.0916 | U         | 0.580 | 0.0916 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Benzo[g,h,i]perylene        | <0.0912 | U H       | 0.577 | 0.0912 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Benzo[k]fluoranthene        | <0.125  | U         | 0.580 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U H       | 0.577 | 0.124  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Benzyl alcohol              | <0.227  | U         | 2.90  | 0.227  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Benzyl alcohol              | <0.227  | U H       | 2.89  | 0.227  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Bis(2-chloroethoxy)methane  | <0.109  | U         | 0.580 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U H       | 0.577 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Bis(2-chloroethyl)ether     | 7.01    |           | 0.580 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Bis(2-chloroethyl)ether     | 7.84    | H         | 0.577 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.579  | U         | 1.16  | 0.579  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.577  | U H       | 1.15  | 0.577  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Butyl benzyl phthalate      | <0.341  | U         | 1.16  | 0.341  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Butyl benzyl phthalate      | <0.339  | U H       | 1.15  | 0.339  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Chrysene                    | <0.0979 | U         | 0.580 | 0.0979 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Chrysene                    | <0.0975 | U H       | 0.577 | 0.0975 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Dibenz(a,h)anthracene       | <0.0863 | U         | 0.116 | 0.0863 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Dibenz(a,h)anthracene       | <0.0859 | U H       | 0.115 | 0.0859 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Dibenzofuran                | <0.114  | U         | 0.580 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Dibenzofuran                | <0.113  | U H       | 0.577 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Diethyl phthalate           | <0.190  | U         | 1.16  | 0.190  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Diethyl phthalate           | <0.189  | U H       | 1.15  | 0.189  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Dimethyl phthalate          | <0.135  | U         | 1.16  | 0.135  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Dimethyl phthalate          | <0.135  | U H       | 1.15  | 0.135  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Di-n-butyl phthalate        | 0.855   | J         | 1.16  | 0.670  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Di-n-butyl phthalate        | <0.667  | U H       | 1.15  | 0.667  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                   | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Di-n-octyl phthalate      | <0.290 | U *-      | 1.16  | 0.290 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Di-n-octyl phthalate      | <0.288 | U H       | 1.15  | 0.288 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Fluoranthene              | <0.122 | U         | 0.580 | 0.122 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Fluoranthene              | <0.121 | U H       | 0.577 | 0.121 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Fluorene                  | <0.115 | U         | 0.580 | 0.115 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Fluorene                  | <0.114 | U H       | 0.577 | 0.114 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Hexachlorobenzene         | <0.134 | U         | 0.580 | 0.134 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Hexachlorobenzene         | <0.133 | U H       | 0.577 | 0.133 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Hexachlorobutadiene       | <0.164 | U         | 0.580 | 0.164 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Hexachlorobutadiene       | <0.163 | U H       | 0.577 | 0.163 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Hexachlorocyclopentadiene | <0.182 | U         | 1.16  | 0.182 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Hexachlorocyclopentadiene | <0.181 | U H       | 1.15  | 0.181 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Hexachloroethane          | <0.127 | U         | 0.580 | 0.127 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Hexachloroethane          | <0.126 | U H       | 0.577 | 0.126 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Indeno[1,2,3-cd]pyrene    | <0.104 | U         | 0.580 | 0.104 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Indeno[1,2,3-cd]pyrene    | <0.104 | U H       | 0.577 | 0.104 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Isophorone                | <0.107 | U         | 0.580 | 0.107 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Isophorone                | <0.107 | U H       | 0.577 | 0.107 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Naphthalene               | <0.116 | U         | 0.580 | 0.116 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Naphthalene               | <0.115 | U H       | 0.577 | 0.115 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Nitrobenzene              | <0.155 | U         | 0.580 | 0.155 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Nitrobenzene              | <0.154 | U H       | 0.577 | 0.154 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosodi-n-propylamine | <0.149 | U         | 0.580 | 0.149 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosodi-n-propylamine | <0.149 | U H       | 0.577 | 0.149 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosodiphenylamine    | <0.114 | U         | 0.580 | 0.114 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosodiphenylamine    | <0.113 | U H       | 0.577 | 0.113 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Pentachlorophenol         | <0.316 | U         | 0.580 | 0.316 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Pentachlorophenol         | <0.315 | U H       | 0.577 | 0.315 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Phenanthrene              | <0.108 | U         | 0.580 | 0.108 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Phenanthrene              | <0.108 | U H       | 0.577 | 0.108 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Phenol                    | <0.514 | U         | 1.16  | 0.514 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Phenol                    | <0.512 | U H       | 1.15  | 0.512 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Pyrene                    | <0.131 | U         | 0.580 | 0.131 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Pyrene                    | <0.130 | U H       | 0.577 | 0.130 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Pyridine                  | <0.849 | U *-      | 2.90  | 0.849 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Pyridine                  | <0.845 | U H       | 2.89  | 0.845 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitro-o-toluidine       | <0.661 | U         | 1.16  | 0.661 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitro-o-toluidine       | <0.658 | U H       | 1.15  | 0.658 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,3,4,6-Tetrachlorophenol | <0.257 | U         | 0.580 | 0.257 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,3,4,6-Tetrachlorophenol | <0.256 | U H       | 0.577 | 0.256 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Acetophenone              | <0.140 | U *-      | 1.16  | 0.140 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Acetophenone              | <0.140 | U H       | 1.15  | 0.140 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosopiperidine       | <0.640 | U         | 1.16  | 0.640 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosopiperidine       | <0.637 | U H       | 1.15  | 0.637 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Pentachlorobenzene        | <0.127 | U         | 0.580 | 0.127 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Pentachlorobenzene        | <0.126 | U H       | 0.577 | 0.126 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Diphenyl ether            | <0.103 | U         | 0.580 | 0.103 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Diphenyl ether            | <0.102 | U H       | 0.577 | 0.102 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,1'-Biphenyl             | <0.115 | U         | 0.580 | 0.115 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                       | <0.114  | U H       | 0.577 | 0.114  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4-Aminobiphenyl                     | <0.198  | U         | 0.580 | 0.198  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 4-Aminobiphenyl                     | <0.197  | U H       | 0.577 | 0.197  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.117  | U         | 0.580 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U H       | 0.577 | 0.116  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,3,5-Trinitrobenzene               | <0.662  | U *1      | 1.16  | 0.662  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,3,5-Trinitrobenzene               | <0.660  | U H       | 1.15  | 0.660  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,3-Dinitrobenzene                  | <0.596  | U         | 1.16  | 0.596  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,3-Dinitrobenzene                  | <0.593  | U H       | 1.15  | 0.593  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1,4-Naphthoquinone                  | <0.0621 | U         | 0.580 | 0.0621 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1,4-Naphthoquinone                  | <0.0618 | U H       | 0.577 | 0.0618 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 1-Naphthylamine                     | <0.273  | U         | 0.580 | 0.273  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 1-Naphthylamine                     | <0.272  | U H       | 0.577 | 0.272  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2,6-Dichlorophenol                  | <0.0987 | U         | 0.580 | 0.0987 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,6-Dichlorophenol                  | <0.0983 | U H       | 0.577 | 0.0983 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Acetylaminofluorene               | <1.73   | U *-      | 2.90  | 1.73   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Acetylaminofluorene               | <1.72   | U H       | 2.89  | 1.72   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Chlorophenol                      | <0.104  | U         | 0.580 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Chlorophenol                      | <0.104  | U H       | 0.577 | 0.104  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Naphthylamine                     | <0.418  | U *1      | 0.580 | 0.418  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Naphthylamine                     | <0.416  | U H       | 0.577 | 0.416  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Picoline                          | <1.05   | U *- *1   | 1.16  | 1.05   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Picoline                          | <1.04   | U H       | 1.15  | 1.04   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Toluidine                         | <0.430  | U *- *1   | 0.580 | 0.430  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Toluidine                         | <0.429  | U H       | 0.577 | 0.429  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 3,3'-Dichlorobenzidine              | <0.659  | U         | 1.16  | 0.659  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 3,3'-Dichlorobenzidine              | <0.656  | U H       | 1.15  | 0.656  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 3,3'-Dimethylbenzidine              | <0.299  | U *- *1   | 0.580 | 0.299  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 3,3'-Dimethylbenzidine              | <0.298  | U H       | 0.577 | 0.298  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 3-Methylcholanthrene                | <0.0894 | U *-      | 0.580 | 0.0894 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 3-Methylcholanthrene                | <0.0890 | U H       | 0.577 | 0.0890 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.646  | U         | 1.16  | 0.646  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.643  | U H       | 1.15  | 0.643  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.130  | U         | 0.580 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.129  | U H       | 0.577 | 0.129  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.47   | U H       | 5.77  | 1.47   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Aramite Peak 1                      | <0.186  | U *-      | 0.580 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Aramite Peak 1                      | <0.186  | U H       | 0.577 | 0.186  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Aramite Peak 2                      | <0.206  | U *-      | 0.580 | 0.206  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Aramite Peak 2                      | <0.205  | U H       | 0.577 | 0.205  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Aramite, Total                      | <0.186  | U *-      | 0.580 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Aramite, Total                      | <0.186  | U H *-    | 0.577 | 0.186  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Diallate                            | <0.0303 | U *-      | 0.580 | 0.0303 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Diallate                            | <0.0302 | U H *-    | 0.577 | 0.0302 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Diallate Peak 1                     | <0.0758 | U *-      | 0.580 | 0.0758 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Diallate Peak 1                     | <0.0755 | U H       | 0.577 | 0.0755 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Diallate Peak 2                     | <0.0303 | U *-      | 0.580 | 0.0303 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Diallate Peak 2                     | <0.0302 | U H       | 0.577 | 0.0302 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Dimethoate                          | <0.506  | U **      | 2.90  | 0.506  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Dimethoate                        | <0.504  | U ** H    | 2.89  | 0.504  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Dinoseb                           | <0.686  | U **      | 2.90  | 0.686  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Dinoseb                           | <0.683  | U ** H    | 2.89  | 0.683  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Disulfoton                        | <2.18   | U **      | 2.90  | 2.18   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Disulfoton                        | <2.17   | U ** H    | 2.89  | 2.17   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Ethyl methanesulfonate            | <0.188  | U         | 0.580 | 0.188  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Ethyl methanesulfonate            | <0.187  | U H       | 0.577 | 0.187  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Ethyl Parathion                   | <0.634  | U **      | 1.16  | 0.634  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Ethyl Parathion                   | <0.632  | U ** H    | 1.15  | 0.632  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Famphur                           | <0.263  | U         | 1.16  | 0.263  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Famphur                           | <0.261  | U H       | 1.15  | 0.261  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Hexachloropropene                 | <0.580  | U         | 0.580 | 0.580  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Hexachloropropene                 | <0.577  | U H       | 0.577 | 0.577  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Isosafrole                        | <0.0234 | U         | 0.580 | 0.0234 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Isosafrole                        | <0.0233 | U H       | 0.577 | 0.0233 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Isosafrole Peak 1                 | <0.0234 | U         | 0.580 | 0.0234 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Isosafrole Peak 1                 | <0.0233 | U H       | 0.577 | 0.0233 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Isosafrole Peak 2                 | <0.0999 | U         | 0.580 | 0.0999 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Isosafrole Peak 2                 | <0.0995 | U H       | 0.577 | 0.0995 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Methapyrilene                     | <1.53   | U ** H    | 2.31  | 1.53   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Methyl methanesulfonate           | <0.189  | U         | 0.580 | 0.189  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Methyl methanesulfonate           | <0.188  | U H       | 0.577 | 0.188  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Methyl parathion                  | <2.80   | U **      | 2.90  | 2.80   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Methyl parathion                  | <2.79   | U ** H    | 2.89  | 2.79   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosodiethylamine             | <0.683  | U *-      | 1.16  | 0.683  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosodiethylamine             | <0.680  | U H       | 1.15  | 0.680  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosodimethylamine            | <0.161  | U         | 0.580 | 0.161  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosodimethylamine            | <0.161  | U H       | 0.577 | 0.161  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosodi-n-butylamine          | <0.734  | U         | 1.16  | 0.734  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosodi-n-butylamine          | <0.731  | U H       | 1.15  | 0.731  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosomethylethylamine         | <0.711  | U         | 1.16  | 0.711  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosomethylethylamine         | <0.708  | U H       | 1.15  | 0.708  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosomorpholine               | <0.723  | U         | 1.16  | 0.723  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosomorpholine               | <0.720  | U H       | 1.15  | 0.720  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| N-Nitrosopyrrolidine              | <0.110  | U         | 0.580 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| N-Nitrosopyrrolidine              | <0.110  | U H       | 0.577 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.134  | U         | 0.580 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.134  | U H       | 0.577 | 0.134  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| p-Dimethylamino azobenzene        | <0.156  | U         | 0.580 | 0.156  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| p-Dimethylamino azobenzene        | <0.156  | U H       | 0.577 | 0.156  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Pentachloronitrobenzene           | <0.256  | U         | 0.580 | 0.256  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Pentachloronitrobenzene           | <0.255  | U H       | 0.577 | 0.255  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Phenacetin                        | <0.256  | U         | 0.580 | 0.256  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Phenacetin                        | <0.255  | U H       | 0.577 | 0.255  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Phorate                           | <2.65   | U **      | 5.80  | 2.65   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Phorate                           | <2.64   | U ** H    | 5.77  | 2.64   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| p-Phenylene diamine               | <5.80   | U *1      | 5.80  | 5.80   | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| p-Phenylene diamine               | <5.77   | U H       | 5.77  | 5.77   | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Pronamide                         | <0.136  | U *-      | 0.580 | 0.136  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: MW-47

Lab Sample ID: 860-115932-2

Date Collected: 11/06/25 07:55

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pronamide      | <0.136  | U H       | 0.577 | 0.136  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Safrole, Total | <0.0934 | U *-      | 0.580 | 0.0934 | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Safrole, Total | <0.0930 | U H *-    | 0.577 | 0.0930 | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Sulfotepp      | <0.478  | U **      | 1.16  | 0.478  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Sulfotepp      | <0.476  | U ** H    | 1.15  | 0.476  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Thionazin      | <0.345  | U         | 1.16  | 0.345  | ug/L |   | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Thionazin      | <0.343  | U H       | 1.15  | 0.343  | ug/L |   | 11/18/25 14:08 | 11/21/25 01:43 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 84        |           | 26 - 136 | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2,4,6-Tribromophenol (Surr) | 38        |           | 26 - 136 | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Fluorobiphenyl            | 94        |           | 39 - 130 | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Fluorobiphenyl            | 39        |           | 39 - 130 | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| 2-Fluorophenol (Surr)       | 54        |           | 19 - 120 | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| 2-Fluorophenol (Surr)       | 20        |           | 19 - 120 | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Nitrobenzene-d5 (Surr)      | 42        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| Phenol-d5 (Surr)            | 30        |           | 8 - 124  | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| Phenol-d5 (Surr)            | 11        |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 01:43 | 1       |
| p-Terphenyl-d14             | 96        |           | 28 - 130 | 11/11/25 08:31 | 11/15/25 10:42 | 1       |
| p-Terphenyl-d14             | 31        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 01:43 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.47  | U         | 5.80 | 1.47 | ug/L |   | 11/11/25 08:31 | 11/18/25 17:28 | 1       |
| Methapyrilene                       | <1.54  | U         | 2.32 | 1.54 | ug/L |   | 11/11/25 08:31 | 11/18/25 17:28 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 100       |           | 26 - 136 | 11/11/25 08:31 | 11/18/25 17:28 | 1       |
| 2-Fluorobiphenyl            | 94        |           | 39 - 130 | 11/11/25 08:31 | 11/18/25 17:28 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/11/25 08:31 | 11/18/25 17:28 | 1       |
| Nitrobenzene-d5 (Surr)      | 96        |           | 32 - 133 | 11/11/25 08:31 | 11/18/25 17:28 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/11/25 08:31 | 11/18/25 17:28 | 1       |
| p-Terphenyl-d14             | 99        |           | 28 - 130 | 11/11/25 08:31 | 11/18/25 17:28 | 1       |

Client Sample ID: TB-04

Lab Sample ID: 860-115932-3

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 08:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: TB-04

Lab Sample ID: 860-115932-3

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 08:53 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 08:53 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 08:53 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 08:53 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 08:53 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 08:53 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 08:53 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/13/25 08:53 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/13/25 08:53 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/13/25 08:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

Client Sample ID: TB-04

Lab Sample ID: 860-115932-3

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 08:53 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 08:53 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 08:53 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 08:53 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 08:53 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 08:53 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 08:53 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 08:53 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 08:53 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 08:53 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/13/25 08:53 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/13/25 08:53 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 75 - 131 |          | 11/13/25 08:53 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/13/25 08:53 | 1       |



# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                                    |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-115932-1                       | MW-43                  | 113                                            | 100             | 102              | 98              |
| 860-115932-2                       | MW-47                  | 112                                            | 101             | 98               | 102             |
| 860-115932-3                       | TB-04                  | 111                                            | 100             | 100              | 100             |
| 860-116038-B-11 MS                 | Matrix Spike           | 105                                            | 98              | 99               | 100             |
| 860-116038-B-11 MSD                | Matrix Spike Duplicate | 104                                            | 98              | 99               | 101             |
| LCS 860-275382/3                   | Lab Control Sample     | 104                                            | 97              | 98               | 102             |
| LCSD 860-275382/4                  | Lab Control Sample Dup | 103                                            | 98              | 100              | 102             |
| MB 860-275382/10                   | Method Blank           | 113                                            | 99              | 99               | 101             |
| <b>Surrogate Legend</b>            |                        |                                                |                 |                  |                 |
| DCA = 1,2-Dichloroethane-d4 (Surr) |                        |                                                |                 |                  |                 |
| BFB = 4-Bromofluorobenzene (Surr)  |                        |                                                |                 |                  |                 |
| DBFM = Dibromofluoromethane (Surr) |                        |                                                |                 |                  |                 |
| TOL = Toluene-d8 (Surr)            |                        |                                                |                 |                  |                 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-----------------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                                   |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-115932-1                      | MW-43                  | 71                                             | 76              | 48              | 82              | 25             | 58                 |
| 860-115932-1 - RA                 | MW-43                  | 85                                             | 76              | 39              | 89              | 24             | 60                 |
| 860-115932-2                      | MW-47                  | 84                                             | 94              | 54              | 91              | 30             | 96                 |
| 860-115932-2 - RA                 | MW-47                  | 100                                            | 94              | 47              | 96              | 28             | 99                 |
| 860-115932-2                      | MW-47                  | 38                                             | 39              | 20              | 42              | 11             | 31                 |
| LCS 860-274823/2-A                | Lab Control Sample     | 70                                             | 70              | 67              | 76              | 67             | 70                 |
| LCS 860-274823/2-A - RA           | Lab Control Sample     | 52                                             | 49              | 53              | 64              | 48             | 51                 |
| LCS 860-274823/4-A                | Lab Control Sample     | 73                                             | 71              | 68              | 79              | 67             | 69                 |
| LCS 860-276655/2-A                | Lab Control Sample     | 84                                             | 74              | 79              | 97              | 78             | 78                 |
| LCS 860-276655/4-A                | Lab Control Sample     | 69                                             | 67              | 69              | 87              | 70             | 67                 |
| LCSD 860-274823/3-A               | Lab Control Sample Dup | 75                                             | 72              | 72              | 83              | 71             | 72                 |
| LCSD 860-274823/3-A - RA          | Lab Control Sample Dup | 48                                             | 52              | 51              | 59              | 45             | 50                 |
| LCSD 860-274823/5-A               | Lab Control Sample Dup | 69                                             | 71              | 64              | 78              | 65             | 64                 |
| LCSD 860-276655/3-A               | Lab Control Sample Dup | 84                                             | 73              | 80              | 92              | 77             | 77                 |
| LCSD 860-276655/5-A               | Lab Control Sample Dup | 72                                             | 67              | 72              | 85              | 75             | 69                 |
| MB 860-274823/1-A                 | Method Blank           | 83                                             | 95              | 100             | 95              | 89             | 99                 |
| MB 860-274823/1-A - RA            | Method Blank           | 67                                             | 88              | 88              | 94              | 73             | 86 *3              |
| MB 860-276655/1-A                 | Method Blank           | 80                                             | 73              | 81              | 89              | 77             | 76                 |
| <b>Surrogate Legend</b>           |                        |                                                |                 |                 |                 |                |                    |
| TBP = 2,4,6-Tribromophenol (Surr) |                        |                                                |                 |                 |                 |                |                    |
| FBP = 2-Fluorobiphenyl            |                        |                                                |                 |                 |                 |                |                    |
| 2FP = 2-Fluorophenol (Surr)       |                        |                                                |                 |                 |                 |                |                    |
| NBZ = Nitrobenzene-d5 (Surr)      |                        |                                                |                 |                 |                 |                |                    |
| PHL = Phenol-d5 (Surr)            |                        |                                                |                 |                 |                 |                |                    |
| TPHd14 = p-Terphenyl-d14          |                        |                                                |                 |                 |                 |                |                    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-275382/10

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/13/25 06:29 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/13/25 06:29 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/13/25 06:29 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/13/25 06:29 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275382/10

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/13/25 06:29 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/13/25 06:29 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/13/25 06:29 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/13/25 06:29 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 06:29 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 06:29 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113          |              | 63 - 144 |          | 11/13/25 06:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99           |              | 74 - 124 |          | 11/13/25 06:29 | 1       |
| Dibromofluoromethane (Surr)  | 99           |              | 75 - 131 |          | 11/13/25 06:29 | 1       |
| Toluene-d8 (Surr)            | 101          |              | 80 - 120 |          | 11/13/25 06:29 | 1       |

Lab Sample ID: LCS 860-275382/3

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.77      |               | ug/L |   | 96   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 46.38      |               | ug/L |   | 93   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 44.61      |               | ug/L |   | 89   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 43.41      |               | ug/L |   | 87   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 48.90      |               | ug/L |   | 98   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 51.39      |               | ug/L |   | 103  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 46.53      |               | ug/L |   | 93   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 53.22      |               | ug/L |   | 106  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 48.40      |               | ug/L |   | 97   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 49.36      |               | ug/L |   | 99   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 50.26      |               | ug/L |   | 101  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 53.26      |               | ug/L |   | 107  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 46.74      |               | ug/L |   | 93   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.87      |               | ug/L |   | 96   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 47.62      |               | ug/L |   | 95   | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275382/3

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 42.31      |               | ug/L |   | 85   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 256.4      |               | ug/L |   | 103  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 283.6      |               | ug/L |   | 113  | 60 - 140    |
| 2-Propanol                       | 500         | 535.9      |               | ug/L |   | 107  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 47.19      |               | ug/L |   | 94   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 271.5      |               | ug/L |   | 109  | 60 - 140    |
| Acetone                          | 250         | 297.6      |               | ug/L |   | 119  | 60 - 140    |
| Acetonitrile                     | 500         | 577.1      |               | ug/L |   | 115  | 60 - 140    |
| Acrolein                         | 250         | 245.6      |               | ug/L |   | 98   | 60 - 140    |
| Acrylonitrile                    | 500         | 556.1      |               | ug/L |   | 111  | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 37.13      |               | ug/L |   | 74   | 70 - 130    |
| Benzene                          | 50.0        | 45.81      |               | ug/L |   | 92   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 47.99      |               | ug/L |   | 96   | 65 - 135    |
| Bromoform                        | 50.0        | 48.27      |               | ug/L |   | 97   | 70 - 130    |
| Bromomethane                     | 50.0        | 58.22      |               | ug/L |   | 116  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 44.97      |               | ug/L |   | 90   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 47.83      |               | ug/L |   | 96   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 47.61      |               | ug/L |   | 95   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 47.74      |               | ug/L |   | 95   | 70 - 130    |
| Chloroethane                     | 50.0        | 51.04      |               | ug/L |   | 102  | 60 - 140    |
| Chloroform                       | 50.0        | 48.29      |               | ug/L |   | 97   | 70 - 130    |
| Chloromethane                    | 50.0        | 45.87      |               | ug/L |   | 92   | 60 - 140    |
| Chloroprene                      | 50.0        | 52.20      |               | ug/L |   | 104  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 46.33      |               | ug/L |   | 93   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 46.63      |               | ug/L |   | 93   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 47.97      |               | ug/L |   | 96   | 70 - 130    |
| Cyclohexane                      | 50.0        | 42.28      |               | ug/L |   | 85   | 65 - 130    |
| Dibromomethane                   | 50.0        | 48.76      |               | ug/L |   | 98   | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 39.86      |               | ug/L |   | 80   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 50.58      |               | ug/L |   | 101  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 47.76      |               | ug/L |   | 96   | 70 - 130    |
| Hexane                           | 50.0        | 45.08      |               | ug/L |   | 90   | 65 - 140    |
| Iodomethane                      | 50.0        | 48.06      |               | ug/L |   | 96   | 50 - 150    |
| Isobutanol                       | 1240        | 1208       |               | ug/L |   | 97   | 60 - 140    |
| Methacrylonitrile                | 500         | 518.7      |               | ug/L |   | 104  | 70 - 130    |
| Methyl methacrylate              | 100         | 102.4      |               | ug/L |   | 102  | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 53.27      |               | ug/L |   | 107  | 70 - 135    |
| Methylene Chloride               | 50.0        | 50.76      |               | ug/L |   | 102  | 71 - 125    |
| Propionitrile                    | 500         | 511.1      |               | ug/L |   | 102  | 70 - 130    |
| Propylbenzene                    | 50.0        | 46.85      |               | ug/L |   | 94   | 70 - 130    |
| Styrene                          | 50.0        | 48.81      |               | ug/L |   | 98   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 45.74      |               | ug/L |   | 91   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 94.24      |               | ug/L |   | 94   | 63 - 130    |
| Toluene                          | 50.0        | 47.26      |               | ug/L |   | 95   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 49.79      |               | ug/L |   | 100  | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 47.42      |               | ug/L |   | 95   | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 50.74      |               | ug/L |   | 101  | 70 - 130    |
| Trichloroethene                  | 50.0        | 49.20      |               | ug/L |   | 98   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 49.32      |               | ug/L |   | 99   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275382/3

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 156.8      |               | ug/L |   | 63   | 50 - 150    |
| Vinyl chloride | 50.0        | 48.52      |               | ug/L |   | 97   | 60 - 140    |
| Xylenes, Total | 100         | 96.28      |               | ug/L |   | 96   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04829    |               | mg/L |   | 97   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04799    |               | mg/L |   | 96   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 104           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 98            |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-275382/4

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.85       |                | ug/L |   | 96   | 70 - 130    | 0   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 49.08       |                | ug/L |   | 98   | 70 - 130    | 6   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 41.76       |                | ug/L |   | 84   | 70 - 130    | 7   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 43.17       |                | ug/L |   | 86   | 60 - 140    | 1   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 47.82       |                | ug/L |   | 96   | 70 - 130    | 2   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 51.21       |                | ug/L |   | 102  | 70 - 130    | 0   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 48.77       |                | ug/L |   | 98   | 67 - 130    | 5   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 47.62       |                | ug/L |   | 95   | 70 - 130    | 11  | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 47.40       |                | ug/L |   | 95   | 70 - 130    | 2   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 45.44       |                | ug/L |   | 91   | 59 - 130    | 8   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 48.38       |                | ug/L |   | 97   | 70 - 130    | 4   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 52.70       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 46.94       |                | ug/L |   | 94   | 70 - 130    | 0   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.14       |                | ug/L |   | 94   | 70 - 130    | 2   | 25        |
| 1,3-Butadiene                         | 50.0        | 46.74       |                | ug/L |   | 93   | 60 - 150    | 2   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 40.17       |                | ug/L |   | 80   | 70 - 130    | 5   | 25        |
| 2-Butanone (MEK)                      | 250         | 238.7       |                | ug/L |   | 95   | 67 - 140    | 7   | 25        |
| 2-Hexanone (MBK)                      | 250         | 267.5       |                | ug/L |   | 107  | 60 - 140    | 6   | 25        |
| 2-Propanol                            | 500         | 535.2       |                | ug/L |   | 107  | 50 - 150    | 0   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 50.66       |                | ug/L |   | 101  | 60 - 130    | 7   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 257.4       |                | ug/L |   | 103  | 60 - 140    | 5   | 25        |
| Acetone                               | 250         | 281.9       |                | ug/L |   | 113  | 60 - 140    | 5   | 25        |
| Acetonitrile                          | 500         | 542.0       |                | ug/L |   | 108  | 60 - 140    | 6   | 25        |
| Acrolein                              | 250         | 226.5       |                | ug/L |   | 91   | 60 - 140    | 8   | 25        |
| Acrylonitrile                         | 500         | 548.2       |                | ug/L |   | 110  | 60 - 140    | 1   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 35.83       |                | ug/L |   | 72   | 70 - 130    | 4   | 25        |
| Benzene                               | 50.0        | 47.14       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| Bromodichloromethane                  | 50.0        | 48.15       |                | ug/L |   | 96   | 65 - 135    | 0   | 25        |
| Bromoform                             | 50.0        | 46.66       |                | ug/L |   | 93   | 70 - 130    | 3   | 25        |
| Bromomethane                          | 50.0        | 58.04       |                | ug/L |   | 116  | 49 - 140    | 0   | 25        |
| Carbon disulfide                      | 50.0        | 47.29       |                | ug/L |   | 95   | 60 - 130    | 5   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275382/4

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 49.30       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| Chlorobenzene               | 50.0        | 48.33       |                | ug/L |   | 97   | 65 - 135    | 1   | 25        |
| Chlorodibromomethane        | 50.0        | 47.11       |                | ug/L |   | 94   | 70 - 130    | 1   | 25        |
| Chloroethane                | 50.0        | 52.02       |                | ug/L |   | 104  | 60 - 140    | 2   | 25        |
| Chloroform                  | 50.0        | 49.56       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| Chloromethane               | 50.0        | 44.71       |                | ug/L |   | 89   | 60 - 140    | 3   | 25        |
| Chloroprene                 | 50.0        | 54.69       |                | ug/L |   | 109  | 70 - 130    | 5   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 47.58       |                | ug/L |   | 95   | 70 - 130    | 3   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 46.91       |                | ug/L |   | 94   | 70 - 130    | 1   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 48.60       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| Cyclohexane                 | 50.0        | 43.27       |                | ug/L |   | 87   | 65 - 130    | 2   | 25        |
| Dibromomethane              | 50.0        | 48.84       |                | ug/L |   | 98   | 69 - 130    | 0   | 25        |
| Dichlorodifluoromethane     | 50.0        | 39.17       |                | ug/L |   | 78   | 50 - 150    | 2   | 25        |
| Ethyl methacrylate          | 50.0        | 48.34       |                | ug/L |   | 97   | 70 - 130    | 5   | 25        |
| Ethylbenzene                | 50.0        | 48.44       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| Hexane                      | 50.0        | 43.87       |                | ug/L |   | 88   | 65 - 140    | 3   | 25        |
| Iodomethane                 | 50.0        | 51.14       |                | ug/L |   | 102  | 50 - 150    | 6   | 25        |
| Isobutanol                  | 1240        | 1140        |                | ug/L |   | 92   | 60 - 140    | 6   | 25        |
| Methacrylonitrile           | 500         | 497.5       |                | ug/L |   | 99   | 70 - 130    | 4   | 25        |
| Methyl methacrylate         | 100         | 98.33       |                | ug/L |   | 98   | 70 - 130    | 4   | 25        |
| Methyl tert-butyl ether     | 50.0        | 52.62       |                | ug/L |   | 105  | 70 - 135    | 1   | 25        |
| Methylene Chloride          | 50.0        | 51.69       |                | ug/L |   | 103  | 71 - 125    | 2   | 25        |
| Propionitrile               | 500         | 488.3       |                | ug/L |   | 98   | 70 - 130    | 5   | 25        |
| Propylbenzene               | 50.0        | 46.31       |                | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| Styrene                     | 50.0        | 49.27       |                | ug/L |   | 99   | 70 - 130    | 1   | 25        |
| Tetrachloroethene           | 50.0        | 46.28       |                | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| Tetrahydrofuran             | 100         | 87.93       |                | ug/L |   | 88   | 63 - 130    | 7   | 25        |
| Toluene                     | 50.0        | 47.93       |                | ug/L |   | 96   | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 50.69       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 46.56       |                | ug/L |   | 93   | 70 - 130    | 2   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 46.57       |                | ug/L |   | 93   | 70 - 130    | 9   | 25        |
| Trichloroethene             | 50.0        | 51.14       |                | ug/L |   | 102  | 70 - 135    | 4   | 25        |
| Trichlorofluoromethane      | 50.0        | 47.24       |                | ug/L |   | 94   | 60 - 140    | 4   | 25        |
| Vinyl acetate               | 250         | 145.5       |                | ug/L |   | 58   | 50 - 150    | 8   | 25        |
| Vinyl chloride              | 50.0        | 46.71       |                | ug/L |   | 93   | 60 - 140    | 4   | 25        |
| Xylenes, Total              | 100         | 97.62       |                | ug/L |   | 98   | 70 - 130    | 1   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.04907     |                | mg/L |   | 98   | 70 - 130    | 2   | 25        |
| o-Xylene                    | 0.0500      | 0.04855     |                | mg/L |   | 97   | 70 - 130    | 1   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-B-11 MS

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 51.56     |              | ug/L |   | 103  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 51.47     |              | ug/L |   | 103  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 51.52     |              | ug/L |   | 103  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 45.43     |              | ug/L |   | 91   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 51.59     |              | ug/L |   | 103  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 54.21     |              | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 51.23     |              | ug/L |   | 102  | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 52.56     |              | ug/L |   | 105  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 51.07     |              | ug/L |   | 102  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 49.53     |              | ug/L |   | 99   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 51.52     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 56.03     |              | ug/L |   | 112  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 50.24     |              | ug/L |   | 100  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 50.81     |              | ug/L |   | 102  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 48.06     |              | ug/L |   | 96   | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 40.68     |              | ug/L |   | 81   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 251.6     |              | ug/L |   | 101  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 283.2     |              | ug/L |   | 113  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 561.1     |              | ug/L |   | 112  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 49.42     |              | ug/L |   | 99   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 277.6     |              | ug/L |   | 111  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 295.6     |              | ug/L |   | 118  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 582.6     |              | ug/L |   | 117  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 256.2     |              | ug/L |   | 102  | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 578.8     |              | ug/L |   | 116  | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U F1             | 50.0        | 34.10     | F1           | ug/L |   | 68   | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 50.65     |              | ug/L |   | 101  | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 51.44     |              | ug/L |   | 103  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 49.04     |              | ug/L |   | 98   | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 58.71     |              | ug/L |   | 117  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 51.70     |              | ug/L |   | 103  | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 52.47     |              | ug/L |   | 105  | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 51.48     |              | ug/L |   | 103  | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 49.67     |              | ug/L |   | 99   | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 53.80     |              | ug/L |   | 108  | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 53.09     |              | ug/L |   | 106  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 48.26     |              | ug/L |   | 97   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 58.48     |              | ug/L |   | 117  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 50.67     |              | ug/L |   | 101  | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 49.90     |              | ug/L |   | 100  | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 51.65     |              | ug/L |   | 103  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 45.46     |              | ug/L |   | 91   | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 52.12     |              | ug/L |   | 104  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 43.65     |              | ug/L |   | 87   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U                | 50.0        | 52.15     |              | ug/L |   | 104  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 51.18     |              | ug/L |   | 102  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 44.83     |              | ug/L |   | 90   | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 54.28     |              | ug/L |   | 109  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-B-11 MS

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                   | <17.1         | U                | 1240        | 1356      |              | ug/L |   | 109  | 60 - 140    |
| Methacrylonitrile            | <2.72         | U                | 500         | 526.0     |              | ug/L |   | 105  | 70 - 130    |
| Methyl methacrylate          | <2.25         | U                | 100         | 105.7     |              | ug/L |   | 106  | 70 - 130    |
| Methyl tert-butyl ether      | <1.39         | U                | 50.0        | 56.46     |              | ug/L |   | 113  | 70 - 135    |
| Methylene Chloride           | <1.73         | U                | 50.0        | 54.22     |              | ug/L |   | 108  | 71 - 125    |
| Propionitrile                | <3.34         | U                | 500         | 516.2     |              | ug/L |   | 103  | 70 - 130    |
| Propylbenzene                | <0.429        | U                | 50.0        | 49.72     |              | ug/L |   | 99   | 70 - 130    |
| Styrene                      | <0.619        | U                | 50.0        | 52.30     |              | ug/L |   | 105  | 70 - 130    |
| Tetrachloroethene            | <0.655        | U                | 50.0        | 49.48     |              | ug/L |   | 99   | 70 - 130    |
| Tetrahydrofuran              | <1.83         | U                | 100         | 100.5     |              | ug/L |   | 100  | 63 - 130    |
| Toluene                      | <0.475        | U                | 50.0        | 51.23     |              | ug/L |   | 102  | 70 - 130    |
| trans-1,2-Dichloroethene     | <0.368        | U                | 50.0        | 54.77     |              | ug/L |   | 110  | 70 - 130    |
| trans-1,3-Dichloropropene    | <1.27         | U                | 50.0        | 49.09     |              | ug/L |   | 98   | 70 - 130    |
| trans-1,4-Dichloro-2-butene  | <1.35         | U                | 50.0        | 48.46     |              | ug/L |   | 97   | 70 - 130    |
| Trichloroethene              | <1.50         | U                | 50.0        | 49.81     |              | ug/L |   | 100  | 70 - 135    |
| Trichlorofluoromethane       | <0.560        | U                | 50.0        | 51.16     |              | ug/L |   | 102  | 60 - 140    |
| Vinyl acetate                | <2.14         | U                | 250         | 313.9     |              | ug/L |   | 126  | 50 - 150    |
| Vinyl chloride               | <0.428        | U                | 50.0        | 50.46     |              | ug/L |   | 101  | 60 - 140    |
| Xylenes, Total               | <1.24         | U                | 100         | 104.3     |              | ug/L |   | 104  | 70 - 130    |
| m,p-Xylenes                  | <0.00124      | U                | 0.0500      | 0.05230   |              | mg/L |   | 105  | 70 - 130    |
| o-Xylene                     | <0.000502     | U                | 0.0500      | 0.05203   |              | mg/L |   | 104  | 70 - 130    |
| Surrogate                    | MS %Recovery  | MS Qualifier     | Limits      |           |              |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 105           |                  | 63 - 144    |           |              |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 98            |                  | 74 - 124    |           |              |      |   |      |             |
| Dibromofluoromethane (Surr)  | 99            |                  | 75 - 131    |           |              |      |   |      |             |
| Toluene-d8 (Surr)            | 100           |                  | 80 - 120    |           |              |      |   |      |             |

Lab Sample ID: 860-116038-B-11 MSD

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 53.04      |               | ug/L |   | 106  | 70 - 130    | 3   | 25        |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 52.61      |               | ug/L |   | 105  | 70 - 130    | 2   | 25        |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 53.66      |               | ug/L |   | 107  | 70 - 130    | 4   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 44.15      |               | ug/L |   | 88   | 60 - 140    | 3   | 25        |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 53.53      |               | ug/L |   | 107  | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 58.22      |               | ug/L |   | 116  | 70 - 130    | 7   | 25        |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 55.22      |               | ug/L |   | 110  | 67 - 130    | 7   | 25        |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 54.99      |               | ug/L |   | 110  | 70 - 130    | 5   | 25        |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 53.84      |               | ug/L |   | 108  | 70 - 130    | 5   | 25        |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 52.23      |               | ug/L |   | 104  | 59 - 130    | 5   | 25        |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 53.93      |               | ug/L |   | 108  | 70 - 130    | 5   | 25        |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 57.81      |               | ug/L |   | 116  | 70 - 130    | 3   | 25        |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 52.33      |               | ug/L |   | 105  | 70 - 130    | 4   | 25        |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 53.19      |               | ug/L |   | 106  | 70 - 130    | 5   | 25        |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 50.47      |               | ug/L |   | 101  | 60 - 150    | 5   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-B-11 MSD

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | <0.500        | U                | 50.0        | 39.95      |               | ug/L |   | 80   | 70 - 130    | 2   | 25        |
| 2-Butanone (MEK)                 | <8.28         | U                | 250         | 272.3      |               | ug/L |   | 109  | 67 - 140    | 8   | 25        |
| 2-Hexanone (MBK)                 | <5.00         | U                | 250         | 293.5      |               | ug/L |   | 117  | 60 - 140    | 4   | 25        |
| 2-Propanol                       | <5.23         | U                | 500         | 594.4      |               | ug/L |   | 119  | 50 - 150    | 6   | 25        |
| 3-Chloropropene (Allyl Chloride) | <0.597        | U                | 50.0        | 54.51      |               | ug/L |   | 109  | 60 - 130    | 10  | 25        |
| 4-Methyl-2-pentanone             | <5.00         | U                | 250         | 292.8      |               | ug/L |   | 117  | 60 - 140    | 5   | 25        |
| Acetone                          | <3.07         | U                | 250         | 288.2      |               | ug/L |   | 115  | 60 - 140    | 3   | 25        |
| Acetonitrile                     | <14.6         | U                | 500         | 611.7      |               | ug/L |   | 122  | 60 - 140    | 5   | 25        |
| Acrolein                         | <11.1         | U                | 250         | 291.4      |               | ug/L |   | 117  | 60 - 140    | 13  | 25        |
| Acrylonitrile                    | <14.3         | U                | 500         | 603.0      |               | ug/L |   | 121  | 60 - 140    | 4   | 25        |
| alpha-Chlorotoluene              | <2.26         | U F1             | 50.0        | 34.97      |               | ug/L |   | 70   | 70 - 130    | 3   | 25        |
| Benzene                          | <0.460        | U                | 50.0        | 52.30      |               | ug/L |   | 105  | 70 - 130    | 3   | 25        |
| Bromodichloromethane             | <0.552        | U                | 50.0        | 53.24      |               | ug/L |   | 106  | 65 - 135    | 3   | 25        |
| Bromoform                        | <0.633        | U                | 50.0        | 52.52      |               | ug/L |   | 105  | 70 - 130    | 7   | 25        |
| Bromomethane                     | <1.42         | U                | 50.0        | 60.36      |               | ug/L |   | 121  | 49 - 140    | 3   | 25        |
| Carbon disulfide                 | <1.65         | U                | 50.0        | 53.50      |               | ug/L |   | 107  | 60 - 130    | 3   | 25        |
| Carbon tetrachloride             | <0.896        | U                | 50.0        | 54.46      |               | ug/L |   | 109  | 70 - 130    | 4   | 25        |
| Chlorobenzene                    | <0.455        | U                | 50.0        | 52.97      |               | ug/L |   | 106  | 65 - 135    | 3   | 25        |
| Chlorodibromomethane             | <0.547        | U                | 50.0        | 52.60      |               | ug/L |   | 105  | 70 - 130    | 6   | 25        |
| Chloroethane                     | <1.98         | U                | 50.0        | 56.74      |               | ug/L |   | 113  | 60 - 140    | 5   | 25        |
| Chloroform                       | <0.464        | U                | 50.0        | 54.34      |               | ug/L |   | 109  | 70 - 130    | 2   | 25        |
| Chloromethane                    | <2.04         | U                | 50.0        | 51.60      |               | ug/L |   | 103  | 60 - 140    | 7   | 25        |
| Chloroprene                      | <0.598        | U                | 50.0        | 60.17      |               | ug/L |   | 120  | 70 - 130    | 3   | 25        |
| cis-1,2-Dichloroethene           | <0.457        | U                | 50.0        | 52.00      |               | ug/L |   | 104  | 70 - 130    | 3   | 25        |
| cis-1,3-Dichloropropene          | <1.07         | U                | 50.0        | 50.91      |               | ug/L |   | 102  | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)        | <0.592        | U                | 50.0        | 53.47      |               | ug/L |   | 107  | 70 - 130    | 3   | 25        |
| Cyclohexane                      | <1.29         | U                | 50.0        | 44.68      |               | ug/L |   | 89   | 65 - 130    | 2   | 25        |
| Dibromomethane                   | <0.357        | U                | 50.0        | 54.00      |               | ug/L |   | 108  | 69 - 130    | 4   | 25        |
| Dichlorodifluoromethane          | <0.785        | U                | 50.0        | 42.76      |               | ug/L |   | 86   | 50 - 150    | 2   | 25        |
| Ethyl methacrylate               | <1.12         | U                | 50.0        | 55.12      |               | ug/L |   | 110  | 70 - 130    | 6   | 25        |
| Ethylbenzene                     | <0.385        | U                | 50.0        | 53.59      |               | ug/L |   | 107  | 70 - 130    | 5   | 25        |
| Hexane                           | <0.517        | U                | 50.0        | 43.81      |               | ug/L |   | 88   | 65 - 140    | 2   | 25        |
| Iodomethane                      | <5.00         | U                | 50.0        | 57.27      |               | ug/L |   | 115  | 50 - 150    | 5   | 25        |
| Isobutanol                       | <17.1         | U                | 1240        | 1295       |               | ug/L |   | 104  | 60 - 140    | 5   | 25        |
| Methacrylonitrile                | <2.72         | U                | 500         | 550.8      |               | ug/L |   | 110  | 70 - 130    | 5   | 25        |
| Methyl methacrylate              | <2.25         | U                | 100         | 112.8      |               | ug/L |   | 113  | 70 - 130    | 6   | 25        |
| Methyl tert-butyl ether          | <1.39         | U                | 50.0        | 58.28      |               | ug/L |   | 117  | 70 - 135    | 3   | 25        |
| Methylene Chloride               | <1.73         | U                | 50.0        | 56.34      |               | ug/L |   | 113  | 71 - 125    | 4   | 25        |
| Propionitrile                    | <3.34         | U                | 500         | 539.7      |               | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Propylbenzene                    | <0.429        | U                | 50.0        | 52.42      |               | ug/L |   | 105  | 70 - 130    | 5   | 25        |
| Styrene                          | <0.619        | U                | 50.0        | 54.25      |               | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Tetrachloroethene                | <0.655        | U                | 50.0        | 51.64      |               | ug/L |   | 103  | 70 - 130    | 4   | 25        |
| Tetrahydrofuran                  | <1.83         | U                | 100         | 102.2      |               | ug/L |   | 102  | 63 - 130    | 2   | 25        |
| Toluene                          | <0.475        | U                | 50.0        | 52.67      |               | ug/L |   | 105  | 70 - 130    | 3   | 25        |
| trans-1,2-Dichloroethene         | <0.368        | U                | 50.0        | 57.49      |               | ug/L |   | 115  | 70 - 130    | 5   | 25        |
| trans-1,3-Dichloropropene        | <1.27         | U                | 50.0        | 50.84      |               | ug/L |   | 102  | 70 - 130    | 4   | 25        |
| trans-1,4-Dichloro-2-butene      | <1.35         | U                | 50.0        | 53.72      |               | ug/L |   | 107  | 70 - 130    | 10  | 25        |
| Trichloroethene                  | <1.50         | U                | 50.0        | 51.53      |               | ug/L |   | 103  | 70 - 135    | 3   | 25        |
| Trichlorofluoromethane           | <0.560        | U                | 50.0        | 52.56      |               | ug/L |   | 105  | 60 - 140    | 3   | 25        |

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## QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

### Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-B-11 MSD

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate                | <2.14         | U                | 250         | 329.5      |               | ug/L |   | 132  | 50 - 150    | 5   | 25        |
| Vinyl chloride               | <0.428        | U                | 50.0        | 54.23      |               | ug/L |   | 108  | 60 - 140    | 7   | 25        |
| Xylenes, Total               | <1.24         | U                | 100         | 107.6      |               | ug/L |   | 108  | 70 - 130    | 3   | 25        |
| m,p-Xylenes                  | <0.00124      | U                | 0.0500      | 0.05394    |               | mg/L |   | 108  | 70 - 130    | 3   | 25        |
| o-Xylene                     | <0.000502     | U                | 0.0500      | 0.05364    |               | mg/L |   | 107  | 70 - 130    | 3   | 25        |
| Surrogate                    | MSD %Recovery | MSD Qualifier    | MSD Limits  |            |               |      |   |      |             |     |           |
| 1,2-Dichloroethane-d4 (Surr) | 104           |                  | 63 - 144    |            |               |      |   |      |             |     |           |
| 4-Bromofluorobenzene (Surr)  | 98            |                  | 74 - 124    |            |               |      |   |      |             |     |           |
| Dibromofluoromethane (Surr)  | 99            |                  | 75 - 131    |            |               |      |   |      |             |     |           |
| Toluene-d8 (Surr)            | 101           |                  | 80 - 120    |            |               |      |   |      |             |     |           |

### Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chloro-3-methylphenol      | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chloroaniline              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Nitroaniline               | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acenaphthene                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acenaphthylene               | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aniline                      | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Anthracene                   | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                             | Result  | Qualifier |       |        |      |   |                |                |         |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3-Dinitrobenzene          | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Naphthoquinone          | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1-Naphthylamine             | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,6-Dichlorophenol          | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methapyriline                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachloronitrobenzene             | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenacetin                          | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Phenylene diamine                 | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pronamide                           | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Safrole, Total                      | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Sulfotepp                           | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Thionazin                           | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 83           |              | 26 - 136 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Fluorobiphenyl            | 95           |              | 39 - 130 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Surrogate              | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 2-Fluorophenol (Surr)  | 100             |                 | 19 - 120 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Nitrobenzene-d5 (Surr) | 95              |                 | 32 - 133 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenol-d5 (Surr)       | 89              |                 | 8 - 124  | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Terphenyl-d14        | 99              |                 | 28 - 130 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,2,4-Trichlorobenzene       | 5.71           | 5.119         |                  | ug/L |   | 90   | 55 - 120       |
| 1,2-Dichlorobenzene          | 5.71           | 5.163         |                  | ug/L |   | 90   | 65 - 130       |
| 1,3-Dichlorobenzene          | 5.71           | 5.150         |                  | ug/L |   | 90   | 26 - 130       |
| 1,4-Dichlorobenzene          | 5.71           | 5.071         |                  | ug/L |   | 89   | 60 - 150       |
| 2,2'-oxybis[1-chloropropane] | 5.71           | 5.315         |                  | ug/L |   | 93   | 65 - 145       |
| 2,4,5-Trichlorophenol        | 5.71           | 5.847         |                  | ug/L |   | 102  | 58 - 150       |
| 2,4,6-Trichlorophenol        | 5.71           | 5.567         |                  | ug/L |   | 97   | 39 - 145       |
| 2,4-Dichlorophenol           | 5.71           | 5.031         |                  | ug/L |   | 88   | 60 - 147       |
| 2,4-Dimethylphenol           | 5.71           | 5.614         |                  | ug/L |   | 98   | 58 - 140       |
| 1,4-Dioxane                  | 5.71           | 3.387         |                  | ug/L |   | 59   | 31 - 145       |
| 2,4-Dinitrophenol            | 5.71           | 3.410         | J                | ug/L |   | 60   | 10 - 150       |
| 2,4-Dinitrotoluene           | 5.71           | 4.822         |                  | ug/L |   | 84   | 29 - 150       |
| 2,6-Dinitrotoluene           | 5.71           | 5.178         |                  | ug/L |   | 91   | 55 - 150       |
| 2-Chloronaphthalene          | 5.71           | 5.119         |                  | ug/L |   | 90   | 39 - 141       |
| 2-Methylnaphthalene          | 5.71           | 5.687         |                  | ug/L |   | 100  | 33 - 149       |
| 2-Methylphenol               | 5.71           | 6.209         |                  | ug/L |   | 109  | 49 - 140       |
| 2-Nitroaniline               | 5.71           | 5.654         |                  | ug/L |   | 99   | 42 - 150       |
| 2-Nitrophenol                | 5.71           | 5.106         |                  | ug/L |   | 89   | 43 - 150       |
| 3 & 4 Methylphenol           | 5.71           | 5.207         |                  | ug/L |   | 91   | 39 - 142       |
| 3-Nitroaniline               | 5.71           | 3.609         |                  | ug/L |   | 63   | 25 - 130       |
| 4,6-Dinitro-2-methylphenol   | 5.71           | 3.516         |                  | ug/L |   | 62   | 10 - 150       |
| 4-Bromophenyl phenyl ether   | 5.71           | 5.389         |                  | ug/L |   | 94   | 56 - 136       |
| 4-Chloro-3-methylphenol      | 5.71           | 5.797         |                  | ug/L |   | 101  | 52 - 137       |
| 4-Chloroaniline              | 5.71           | 0.7005        |                  | ug/L |   | 12   | 10 - 95        |
| 4-Chlorophenyl phenyl ether  | 5.71           | 5.135         |                  | ug/L |   | 90   | 53 - 134       |
| 4-Nitroaniline               | 5.71           | 5.257         |                  | ug/L |   | 92   | 45 - 148       |
| Acenaphthene                 | 5.71           | 4.936         |                  | ug/L |   | 86   | 48 - 136       |
| Acenaphthylene               | 5.71           | 5.243         |                  | ug/L |   | 92   | 40 - 149       |
| Aniline                      | 5.71           | 0.4689        | J +              | ug/L |   | 8    | 10 - 73        |
| Anthracene                   | 5.71           | 5.353         |                  | ug/L |   | 94   | 51 - 146       |
| Benzo[a]anthracene           | 5.71           | 5.214         |                  | ug/L |   | 91   | 43 - 145       |
| Benzo[a]pyrene               | 5.71           | 5.346         |                  | ug/L |   | 94   | 52 - 136       |
| Benzo[b]fluoranthene         | 5.71           | 5.482         |                  | ug/L |   | 96   | 45 - 140       |
| Benzo[g,h,i]perylene         | 5.71           | 4.383         |                  | ug/L |   | 77   | 44 - 137       |
| Benzo[k]fluoranthene         | 5.71           | 5.130         |                  | ug/L |   | 90   | 37 - 140       |
| Benzyl alcohol               | 5.71           | 4.558         |                  | ug/L |   | 80   | 40 - 133       |
| Bis(2-chloroethoxy)methane   | 5.71           | 5.525         |                  | ug/L |   | 97   | 52 - 143       |
| Bis(2-chloroethyl)ether      | 5.71           | 5.370         |                  | ug/L |   | 94   | 52 - 140       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.858      |               | ug/L |   | 85   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 5.364      |               | ug/L |   | 94   | 60 - 150    |
| Chrysene                    | 5.71        | 4.866      |               | ug/L |   | 85   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.781      |               | ug/L |   | 84   | 50 - 147    |
| Dibenzofuran                | 5.71        | 5.481      |               | ug/L |   | 96   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.948      |               | ug/L |   | 87   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 5.275      |               | ug/L |   | 92   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 5.373      |               | ug/L |   | 94   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.203      |               | ug/L |   | 91   | 55 - 150    |
| Fluoranthene                | 5.71        | 5.530      |               | ug/L |   | 97   | 50 - 144    |
| Fluorene                    | 5.71        | 5.037      |               | ug/L |   | 88   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 5.179      |               | ug/L |   | 91   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 5.131      |               | ug/L |   | 90   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 4.073      |               | ug/L |   | 71   | 24 - 150    |
| Hexachloroethane            | 5.71        | 4.951      |               | ug/L |   | 87   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.843      |               | ug/L |   | 85   | 46 - 138    |
| Isophorone                  | 5.71        | 5.287      |               | ug/L |   | 93   | 48 - 147    |
| Naphthalene                 | 5.71        | 5.035      |               | ug/L |   | 88   | 35 - 141    |
| Nitrobenzene                | 5.71        | 5.800      |               | ug/L |   | 102  | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 5.183      |               | ug/L |   | 91   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 5.289      |               | ug/L |   | 93   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 5.562      |               | ug/L |   | 97   | 33 - 150    |
| Phenanthrene                | 5.71        | 5.368      |               | ug/L |   | 94   | 54 - 141    |
| Phenol                      | 5.71        | 5.008      |               | ug/L |   | 88   | 40 - 145    |
| Pyrene                      | 5.71        | 5.329      |               | ug/L |   | 93   | 50 - 143    |
| Pyridine                    | 5.71        | <0.837     | U *           | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.913      |               | ug/L |   | 68   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.388      |               | ug/L |   | 94   | 60 - 150    |
| Acetophenone                | 5.71        | 4.322      |               | ug/L |   | 76   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 5.033      |               | ug/L |   | 88   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.979      |               | ug/L |   | 70   | 52 - 128    |
| Diphenyl ether              | 5.71        | 4.132      |               | ug/L |   | 72   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 4.132      |               | ug/L |   | 72   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 2.527      |               | ug/L |   | 44   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.170      |               | ug/L |   | 73   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 2.852      |               | ug/L |   | 50   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 4.966      |               | ug/L |   | 87   | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 4.195      |               | ug/L |   | 73   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.649      |               | ug/L |   | 29   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 4.480      |               | ug/L |   | 78   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 3.711      |               | ug/L |   | 65   | 45 - 150    |
| 2-Chlorophenol              | 5.71        | 5.572      |               | ug/L |   | 98   | 51 - 143    |
| 2-Naphthylamine             | 5.71        | 1.101      |               | ug/L |   | 19   | 17 - 130    |
| 2-Picoline                  | 5.71        | <1.03      | U *           | ug/L |   | 3    | 10 - 143    |
| 2-Toluidine                 | 5.71        | <0.424     | U *           | ug/L |   | 3    | 10 - 130    |
| 3,3'-Dichlorobenzidine      | 5.71        | 1.777      |               | ug/L |   | 31   | 10 - 128    |
| 3,3'-Dimethylbenzidine      | 5.71        | <0.295     | U *           | ug/L |   | 0.6  | 10 - 130    |
| 3-Methylcholanthrene        | 5.71        | 3.565      |               | ug/L |   | 62   | 53 - 130    |
| 4-Nitroquinoline-1-oxide    | 5.71        | 1.800      |               | ug/L |   | 31   | 20 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.106      |               | ug/L |   | 72   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.639      | J             | ug/L |   | 29   | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 2.088      |               | ug/L |   | 73   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 1.908      |               | ug/L |   | 67   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 3.236      |               | ug/L |   | 77   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 1.133      |               | ug/L |   | 76   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 4.163      |               | ug/L |   | 73   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 3.403      |               | ug/L |   | 60   | 35 - 140    |
| Isosafrole                          | 5.71        | 4.052      |               | ug/L |   | 71   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.7087     |               | ug/L |   | 78   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 3.343      |               | ug/L |   | 70   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 3.812      |               | ug/L |   | 67   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 4.261      |               | ug/L |   | 75   | 50 - 136    |
| N-Nitrosodi-n-butylamine            | 5.71        | 4.849      |               | ug/L |   | 85   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 3.866      |               | ug/L |   | 68   | 30 - 148    |
| N-Nitrosomorpholine                 | 5.71        | 4.728      |               | ug/L |   | 83   | 40 - 140    |
| N-Nitrosopyrrolidine                | 5.71        | 4.270      |               | ug/L |   | 75   | 20 - 130    |
| p-Dimethylamino azobenzene          | 5.71        | 4.064      |               | ug/L |   | 71   | 16 - 150    |
| Pentachloronitrobenzene             | 5.71        | 4.528      |               | ug/L |   | 79   | 38 - 145    |
| Phenacetin                          | 5.71        | 3.975      |               | ug/L |   | 70   | 50 - 150    |
| p-Phenylene diamine                 | 5.71        | <5.71      | U             | ug/L |   | 23   | 5 - 112     |
| Pronamide                           | 5.71        | 3.876      |               | ug/L |   | 68   | 60 - 150    |
| Safrole, Total                      | 5.71        | 4.170      |               | ug/L |   | 73   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 70            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 70            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 67            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 76            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 67            |               | 8 - 124  |
| p-Terphenyl-d14             | 70            |               | 28 - 130 |

Lab Sample ID: LCS 860-274823/4-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate                       | 2.86        | 5.963      | *+            | ug/L |   | 209  | 70 - 150    |
| Dinoseb                          | 5.71        | 9.974      | *+            | ug/L |   | 175  | 10 - 150    |
| Disulfoton                       | 2.86        | 6.415      | *+            | ug/L |   | 225  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 12.24      | *+            | ug/L |   | 428  | 70 - 150    |
| Famphur                          | 2.86        | 3.397      |               | ug/L |   | 119  | 10 - 150    |
| Methapyrilene                    | 5.71        | 4.940      |               | ug/L |   | 86   | 10 - 150    |
| Methyl parathion                 | 2.86        | 11.54      | *+            | ug/L |   | 404  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.091      |               | ug/L |   | 108  | 38 - 150    |
| Phorate                          | 2.86        | 6.244      | *+            | ug/L |   | 219  | 65 - 150    |
| Sulfotepp                        | 2.86        | 6.246      | *+            | ug/L |   | 219  | 28 - 150    |
| Thionazin                        | 2.86        | 2.868      |               | ug/L |   | 100  | 40 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate                   | LCS LCS   |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 73        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 68        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 79        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 67        |           | 8 - 124  |
| p-Terphenyl-d14             | 69        |           | 28 - 130 |

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | Spike | LCSD   | LCSD      | Unit | D | %Rec   | %Rec     | RPD | RPD |
|------------------------------|-------|--------|-----------|------|---|--------|----------|-----|-----|
|                              | Added | Result | Qualifier |      |   | Limits | Limit    |     |     |
| 1,2,4-Trichlorobenzene       | 5.71  | 5.064  |           | ug/L |   | 89     | 55 - 120 | 1   | 30  |
| 1,2-Dichlorobenzene          | 5.71  | 5.279  |           | ug/L |   | 92     | 65 - 130 | 2   | 30  |
| 1,3-Dichlorobenzene          | 5.71  | 5.216  |           | ug/L |   | 91     | 26 - 130 | 1   | 30  |
| 1,4-Dichlorobenzene          | 5.71  | 5.185  |           | ug/L |   | 91     | 60 - 150 | 2   | 30  |
| 2,2'-oxybis[1-chloropropane] | 5.71  | 5.463  |           | ug/L |   | 96     | 65 - 145 | 3   | 30  |
| 2,4,5-Trichlorophenol        | 5.71  | 6.218  |           | ug/L |   | 109    | 58 - 150 | 6   | 30  |
| 2,4,6-Trichlorophenol        | 5.71  | 5.409  |           | ug/L |   | 95     | 39 - 145 | 3   | 30  |
| 2,4-Dichlorophenol           | 5.71  | 5.186  |           | ug/L |   | 91     | 60 - 147 | 3   | 30  |
| 2,4-Dimethylphenol           | 5.71  | 5.703  |           | ug/L |   | 100    | 58 - 140 | 2   | 30  |
| 1,4-Dioxane                  | 5.71  | 3.494  |           | ug/L |   | 61     | 31 - 145 | 3   | 30  |
| 2,4-Dinitrophenol            | 5.71  | 2.874  | J         | ug/L |   | 50     | 10 - 150 | 17  | 30  |
| 2,4-Dinitrotoluene           | 5.71  | 4.955  |           | ug/L |   | 87     | 29 - 150 | 3   | 30  |
| 2,6-Dinitrotoluene           | 5.71  | 5.200  |           | ug/L |   | 91     | 55 - 150 | 0   | 30  |
| 2-Chloronaphthalene          | 5.71  | 5.000  |           | ug/L |   | 87     | 39 - 141 | 2   | 30  |
| 2-Methylnaphthalene          | 5.71  | 5.643  |           | ug/L |   | 99     | 33 - 149 | 1   | 30  |
| 2-Methylphenol               | 5.71  | 6.409  |           | ug/L |   | 112    | 49 - 140 | 3   | 30  |
| 2-Nitroaniline               | 5.71  | 5.624  |           | ug/L |   | 98     | 42 - 150 | 1   | 30  |
| 2-Nitrophenol                | 5.71  | 5.276  |           | ug/L |   | 92     | 43 - 150 | 3   | 30  |
| 3 & 4 Methylphenol           | 5.71  | 5.316  |           | ug/L |   | 93     | 39 - 142 | 2   | 30  |
| 3-Nitroaniline               | 5.71  | 3.844  |           | ug/L |   | 67     | 25 - 130 | 6   | 30  |
| 4,6-Dinitro-2-methylphenol   | 5.71  | 3.356  |           | ug/L |   | 59     | 10 - 150 | 5   | 30  |
| 4-Bromophenyl phenyl ether   | 5.71  | 5.610  |           | ug/L |   | 98     | 56 - 136 | 4   | 30  |
| 4-Chloro-3-methylphenol      | 5.71  | 5.765  |           | ug/L |   | 101    | 52 - 137 | 1   | 30  |
| 4-Chloroaniline              | 5.71  | 1.659  | *1        | ug/L |   | 29     | 10 - 95  | 81  | 30  |
| 4-Chlorophenyl phenyl ether  | 5.71  | 5.224  |           | ug/L |   | 91     | 53 - 134 | 2   | 30  |
| 4-Nitroaniline               | 5.71  | 5.294  |           | ug/L |   | 93     | 45 - 148 | 1   | 30  |
| Acenaphthene                 | 5.71  | 5.033  |           | ug/L |   | 88     | 48 - 136 | 2   | 30  |
| Acenaphthylene               | 5.71  | 5.211  |           | ug/L |   | 91     | 40 - 149 | 1   | 30  |
| Aniline                      | 5.71  | 0.6675 | J *1      | ug/L |   | 12     | 10 - 73  | 35  | 30  |
| Anthracene                   | 5.71  | 5.305  |           | ug/L |   | 93     | 51 - 146 | 1   | 30  |
| Benzo[a]anthracene           | 5.71  | 4.913  |           | ug/L |   | 86     | 43 - 145 | 6   | 30  |
| Benzo[a]pyrene               | 5.71  | 5.497  |           | ug/L |   | 96     | 52 - 136 | 3   | 30  |
| Benzo[b]fluoranthene         | 5.71  | 5.330  |           | ug/L |   | 93     | 45 - 140 | 3   | 30  |
| Benzo[g,h,i]perylene         | 5.71  | 4.410  |           | ug/L |   | 77     | 44 - 137 | 1   | 30  |
| Benzo[k]fluoranthene         | 5.71  | 5.068  |           | ug/L |   | 89     | 37 - 140 | 1   | 30  |
| Benzyl alcohol               | 5.71  | 4.812  |           | ug/L |   | 84     | 40 - 133 | 5   | 30  |
| Bis(2-chloroethoxy)methane   | 5.71  | 5.599  |           | ug/L |   | 98     | 52 - 143 | 1   | 30  |
| Bis(2-chloroethyl)ether      | 5.71  | 5.512  |           | ug/L |   | 96     | 52 - 140 | 3   | 30  |
| Bis(2-ethylhexyl) phthalate  | 5.71  | 4.601  |           | ug/L |   | 81     | 50 - 140 | 5   | 30  |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Butyl benzyl phthalate         | 5.71        | 5.241       |                | ug/L |   | 92   | 60 - 150    | 2   | 30        |
| Chrysene                       | 5.71        | 4.875       |                | ug/L |   | 85   | 47 - 137    | 0   | 30        |
| Dibenz(a,h)anthracene          | 5.71        | 4.787       |                | ug/L |   | 84   | 50 - 147    | 0   | 30        |
| Dibenzofuran                   | 5.71        | 5.591       |                | ug/L |   | 98   | 52 - 139    | 2   | 30        |
| Diethyl phthalate              | 5.71        | 5.044       |                | ug/L |   | 88   | 55 - 137    | 2   | 30        |
| Dimethyl phthalate             | 5.71        | 5.272       |                | ug/L |   | 92   | 44 - 150    | 0   | 30        |
| Di-n-butyl phthalate           | 5.71        | 5.382       |                | ug/L |   | 94   | 49 - 146    | 0   | 30        |
| Di-n-octyl phthalate           | 5.71        | 4.922       |                | ug/L |   | 86   | 55 - 150    | 6   | 30        |
| Fluoranthene                   | 5.71        | 5.637       |                | ug/L |   | 99   | 50 - 144    | 2   | 30        |
| Fluorene                       | 5.71        | 5.056       |                | ug/L |   | 88   | 54 - 136    | 0   | 30        |
| Hexachlorobenzene              | 5.71        | 5.266       |                | ug/L |   | 92   | 55 - 138    | 2   | 30        |
| Hexachlorobutadiene            | 5.71        | 5.102       |                | ug/L |   | 89   | 45 - 150    | 1   | 30        |
| Hexachlorocyclopentadiene      | 5.71        | 4.031       |                | ug/L |   | 71   | 24 - 150    | 1   | 30        |
| Hexachloroethane               | 5.71        | 5.002       |                | ug/L |   | 88   | 30 - 130    | 1   | 30        |
| Indeno[1,2,3-cd]pyrene         | 5.71        | 4.897       |                | ug/L |   | 86   | 46 - 138    | 1   | 30        |
| Isophorone                     | 5.71        | 5.391       |                | ug/L |   | 94   | 48 - 147    | 2   | 30        |
| Naphthalene                    | 5.71        | 5.072       |                | ug/L |   | 89   | 35 - 141    | 1   | 30        |
| Nitrobenzene                   | 5.71        | 5.910       |                | ug/L |   | 103  | 52 - 141    | 2   | 30        |
| N-Nitrosodi-n-propylamine      | 5.71        | 5.408       |                | ug/L |   | 95   | 41 - 137    | 4   | 30        |
| N-Nitrosodiphenylamine         | 5.71        | 5.438       |                | ug/L |   | 95   | 51 - 135    | 3   | 30        |
| Pentachlorophenol              | 5.71        | 5.562       |                | ug/L |   | 97   | 33 - 150    | 0   | 30        |
| Phenanthrene                   | 5.71        | 5.376       |                | ug/L |   | 94   | 54 - 141    | 0   | 30        |
| Phenol                         | 5.71        | 5.183       |                | ug/L |   | 91   | 40 - 145    | 3   | 30        |
| Pyrene                         | 5.71        | 5.383       |                | ug/L |   | 94   | 50 - 143    | 1   | 30        |
| Pyridine                       | 5.71        | <0.837      | U *-           | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine            | 5.71        | 3.680       |                | ug/L |   | 64   | 29 - 141    | 6   | 30        |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 5.613       |                | ug/L |   | 98   | 60 - 150    | 4   | 30        |
| Acetophenone                   | 5.71        | 4.440       |                | ug/L |   | 78   | 52 - 136    | 3   | 30        |
| N-Nitrosopiperidine            | 5.71        | 4.957       |                | ug/L |   | 87   | 36 - 148    | 2   | 30        |
| Pentachlorobenzene             | 5.71        | 4.137       |                | ug/L |   | 72   | 52 - 128    | 4   | 30        |
| Diphenyl ether                 | 5.71        | 4.175       |                | ug/L |   | 73   | 46 - 130    | 1   | 30        |
| 1,1'-Biphenyl                  | 5.71        | 4.080       |                | ug/L |   | 71   | 39 - 142    | 1   | 30        |
| 4-Aminobiphenyl                | 5.71        | 2.642       |                | ug/L |   | 46   | 10 - 115    | 4   | 30        |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 4.142       |                | ug/L |   | 72   | 46 - 125    | 1   | 30        |
| 1,3,5-Trinitrobenzene          | 5.71        | 2.947       |                | ug/L |   | 52   | 42 - 130    | 3   | 30        |
| 1,3-Dinitrobenzene             | 5.71        | 4.695       |                | ug/L |   | 82   | 65 - 150    | 6   | 30        |
| 1,4-Naphthoquinone             | 5.71        | 3.806       |                | ug/L |   | 67   | 24 - 137    | 10  | 30        |
| 1-Naphthylamine                | 5.71        | 2.158       |                | ug/L |   | 38   | 10 - 130    | 27  | 30        |
| 2,6-Dichlorophenol             | 5.71        | 4.595       |                | ug/L |   | 80   | 42 - 145    | 3   | 30        |
| 2-Acetylaminofluorene          | 5.71        | 3.643       |                | ug/L |   | 64   | 45 - 150    | 2   | 30        |
| 2-Chlorophenol                 | 5.71        | 5.616       |                | ug/L |   | 98   | 51 - 143    | 1   | 30        |
| 2-Naphthylamine                | 5.71        | 1.841       | *1             | ug/L |   | 32   | 17 - 130    | 50  | 30        |
| 2-Picoline                     | 5.71        | <1.03       | U *- *1        | ug/L |   | 5    | 10 - 143    | 40  | 30        |
| 2-Toluidine                    | 5.71        | 0.7142      | *1             | ug/L |   | 12   | 10 - 130    | 122 | 30        |
| 3,3'-Dichlorobenzidine         | 5.71        | 1.690       |                | ug/L |   | 30   | 10 - 128    | 5   | 30        |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295      | U *- *1        | ug/L |   | 1    | 10 - 130    | 76  | 30        |
| 3-Methylcholanthrene           | 5.71        | 3.604       |                | ug/L |   | 63   | 53 - 130    | 1   | 30        |
| 4-Nitroquinoline-1-oxide       | 5.71        | 1.661       |                | ug/L |   | 29   | 20 - 140    | 8   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 4.007       |                | ug/L |   | 70   | 27 - 146    | 2   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.897       | J              | ug/L |   | 33   | 5 - 150     | 15  | 30        |
| Aramite Peak 1                      | 2.86        | 2.028       |                | ug/L |   | 71   | 45 - 150    | 3   | 30        |
| Aramite Peak 2                      | 2.86        | 1.789       |                | ug/L |   | 63   | 45 - 150    | 6   | 30        |
| Diallate Peak 1                     | 4.23        | 3.126       |                | ug/L |   | 74   | 47 - 150    | 3   | 30        |
| Diallate Peak 2                     | 1.49        | 1.144       |                | ug/L |   | 77   | 53 - 142    | 1   | 30        |
| Ethyl methanesulfonate              | 5.71        | 4.202       |                | ug/L |   | 74   | 45 - 138    | 1   | 30        |
| Hexachloropropene                   | 5.71        | 3.402       |                | ug/L |   | 60   | 35 - 140    | 0   | 30        |
| Isosafrole                          | 5.71        | 4.058       |                | ug/L |   | 71   | 47 - 137    | 0   | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.6834      |                | ug/L |   | 75   | 48 - 132    | 4   | 30        |
| Isosafrole Peak 2                   | 4.80        | 3.375       |                | ug/L |   | 70   | 47 - 137    | 1   | 30        |
| Methyl methanesulfonate             | 5.71        | 4.168       |                | ug/L |   | 73   | 33 - 140    | 9   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 4.496       |                | ug/L |   | 79   | 50 - 136    | 5   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 4.851       |                | ug/L |   | 85   | 30 - 150    | 0   | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 4.390       |                | ug/L |   | 77   | 30 - 148    | 13  | 30        |
| N-Nitrosomorpholine                 | 5.71        | 4.744       |                | ug/L |   | 83   | 40 - 140    | 0   | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 4.416       |                | ug/L |   | 77   | 20 - 130    | 3   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 4.051       |                | ug/L |   | 71   | 16 - 150    | 0   | 30        |
| Pentachloronitrobenzene             | 5.71        | 4.532       |                | ug/L |   | 79   | 38 - 145    | 0   | 30        |
| Phenacetin                          | 5.71        | 4.068       |                | ug/L |   | 71   | 50 - 150    | 2   | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U *1           | ug/L |   | 16   | 5 - 112     | 32  | 30        |
| Pronamide                           | 5.71        | 3.961       |                | ug/L |   | 69   | 60 - 150    | 2   | 30        |
| Safrole, Total                      | 5.71        | 4.155       |                | ug/L |   | 73   | 70 - 130    | 0   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 72             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 72             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 83             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 71             |                | 8 - 124  |
| p-Terphenyl-d14             | 72             |                | 28 - 130 |

Lab Sample ID: LCSD 860-274823/5-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Dimethoate                       | 2.86        | 5.758       | *+             | ug/L |   | 202  | 70 - 150    | 4   | 30        |
| Dinoseb                          | 5.71        | 9.528       | *+             | ug/L |   | 167  | 10 - 150    | 5   | 30        |
| Disulfoton                       | 2.86        | 6.306       | *+             | ug/L |   | 221  | 80 - 150    | 2   | 30        |
| Ethyl Parathion                  | 2.86        | 12.07       | *+             | ug/L |   | 422  | 70 - 150    | 1   | 30        |
| Famphur                          | 2.86        | 3.372       |                | ug/L |   | 118  | 10 - 150    | 1   | 30        |
| Methapyrilene                    | 5.71        | 5.264       |                | ug/L |   | 92   | 10 - 150    | 6   | 30        |
| Methyl parathion                 | 2.86        | 11.22       | *+             | ug/L |   | 393  | 80 - 150    | 3   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.026       |                | ug/L |   | 106  | 38 - 150    | 2   | 30        |
| Phorate                          | 2.86        | 6.146       | *+             | ug/L |   | 215  | 65 - 150    | 2   | 30        |
| Sulfotepp                        | 2.86        | 5.967       | *+             | ug/L |   | 209  | 28 - 150    | 5   | 30        |
| Thionazin                        | 2.86        | 2.673       |                | ug/L |   | 94   | 40 - 140    | 7   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/5-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Surrogate                   | LCSD LCSD |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 64        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 65        |           | 8 - 124  |
| p-Terphenyl-d14             | 64        |           | 28 - 130 |

Lab Sample ID: MB 860-276655/1-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                      | MB MB   |           | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                              | Result  | Qualifier |       |        |      |   |                |                |         |
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aniline                      | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[g,h,i]perylene         | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzyl alcohol               | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276655/1-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                     | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                             | Result  | Qualifier |       |        |      |   |                |                |         |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,3-Dinitrobenzene          | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,4-Naphthoquinone          | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1-Naphthylamine             | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,6-Dichlorophenol          | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Chlorophenol              | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Naphthylamine             | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Picoline                  | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Toluidine                 | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3,3'-Dichlorobenzidine      | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3,3'-Dimethylbenzidine      | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276655/1-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Methapyriline                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodimethylamine              | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pentachloronitrobenzene             | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenacetin                          | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| p-Phenylene diamine                 | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pronamide                           | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Safrole, Total                      | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Sulfotepp                           | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Thionazin                           | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 80           |              | 26 - 136 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Fluorobiphenyl            | 73           |              | 39 - 130 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Fluorophenol (Surr)       | 81           |              | 19 - 120 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Nitrobenzene-d5 (Surr)      | 89           |              | 32 - 133 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenol-d5 (Surr)            | 77           |              | 8 - 124  | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| p-Terphenyl-d14             | 76           |              | 28 - 130 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276655/2-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                      | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                              |                |               |                  |      |   |      |                |
| 1,2,4-Trichlorobenzene       | 5.71           | 4.739         |                  | ug/L |   | 83   | 55 - 120       |
| 1,2-Dichlorobenzene          | 5.71           | 4.239         |                  | ug/L |   | 74   | 65 - 130       |
| 1,3-Dichlorobenzene          | 5.71           | 4.150         |                  | ug/L |   | 73   | 26 - 130       |
| 1,4-Dichlorobenzene          | 5.71           | 4.139         |                  | ug/L |   | 72   | 60 - 150       |
| 2,2'-oxybis[1-chloropropane] | 5.71           | 4.848         |                  | ug/L |   | 85   | 65 - 145       |
| 2,4,5-Trichlorophenol        | 5.71           | 4.535         |                  | ug/L |   | 79   | 58 - 150       |
| 2,4,6-Trichlorophenol        | 5.71           | 4.802         |                  | ug/L |   | 84   | 39 - 145       |
| 2,4-Dichlorophenol           | 5.71           | 4.599         |                  | ug/L |   | 80   | 60 - 147       |
| 2,4-Dimethylphenol           | 5.71           | 4.486         |                  | ug/L |   | 79   | 58 - 140       |
| 1,4-Dioxane                  | 5.71           | 3.942         |                  | ug/L |   | 69   | 31 - 145       |
| 2,4-Dinitrophenol            | 5.71           | 4.769         | J                | ug/L |   | 83   | 10 - 150       |
| 2,4-Dinitrotoluene           | 5.71           | 4.461         |                  | ug/L |   | 78   | 29 - 150       |
| 2,6-Dinitrotoluene           | 5.71           | 4.531         |                  | ug/L |   | 79   | 55 - 150       |
| 2-Chloronaphthalene          | 5.71           | 3.674         |                  | ug/L |   | 64   | 39 - 141       |
| 2-Methylnaphthalene          | 5.71           | 4.173         |                  | ug/L |   | 73   | 33 - 149       |
| 2-Methylphenol               | 5.71           | 5.198         |                  | ug/L |   | 91   | 49 - 140       |
| 2-Nitroaniline               | 5.71           | 4.472         |                  | ug/L |   | 78   | 42 - 150       |
| 2-Nitrophenol                | 5.71           | 4.224         |                  | ug/L |   | 74   | 43 - 150       |
| 3 & 4 Methylphenol           | 5.71           | 4.195         |                  | ug/L |   | 73   | 39 - 142       |
| 3-Nitroaniline               | 5.71           | 3.586         |                  | ug/L |   | 63   | 25 - 130       |
| 4,6-Dinitro-2-methylphenol   | 5.71           | 4.314         |                  | ug/L |   | 76   | 10 - 150       |
| 4-Bromophenyl phenyl ether   | 5.71           | 4.070         |                  | ug/L |   | 71   | 56 - 136       |
| 4-Chloro-3-methylphenol      | 5.71           | 4.556         |                  | ug/L |   | 80   | 52 - 137       |
| 4-Chloroaniline              | 5.71           | 1.753         |                  | ug/L |   | 31   | 10 - 95        |
| 4-Chlorophenyl phenyl ether  | 5.71           | 4.119         |                  | ug/L |   | 72   | 53 - 134       |
| 4-Nitroaniline               | 5.71           | 4.266         |                  | ug/L |   | 75   | 45 - 148       |
| Acenaphthene                 | 5.71           | 4.204         |                  | ug/L |   | 74   | 48 - 136       |
| Acenaphthylene               | 5.71           | 4.561         |                  | ug/L |   | 80   | 40 - 149       |
| Aniline                      | 5.71           | 0.7956        | J                | ug/L |   | 14   | 10 - 73        |
| Anthracene                   | 5.71           | 4.086         |                  | ug/L |   | 71   | 51 - 146       |
| Benzo[a]anthracene           | 5.71           | 5.383         |                  | ug/L |   | 94   | 43 - 145       |
| Benzo[a]pyrene               | 5.71           | 4.063         |                  | ug/L |   | 71   | 52 - 136       |
| Benzo[b]fluoranthene         | 5.71           | 4.907         |                  | ug/L |   | 86   | 45 - 140       |
| Benzo[g,h,i]perylene         | 5.71           | 4.488         |                  | ug/L |   | 79   | 44 - 137       |
| Benzo[k]fluoranthene         | 5.71           | 4.479         |                  | ug/L |   | 78   | 37 - 140       |
| Benzyl alcohol               | 5.71           | 2.673         | J                | ug/L |   | 47   | 40 - 133       |
| Bis(2-chloroethoxy)methane   | 5.71           | 4.181         |                  | ug/L |   | 73   | 52 - 143       |
| Bis(2-chloroethyl)ether      | 5.71           | 4.121         |                  | ug/L |   | 72   | 52 - 140       |
| Bis(2-ethylhexyl) phthalate  | 5.71           | 4.739         |                  | ug/L |   | 83   | 50 - 140       |
| Butyl benzyl phthalate       | 5.71           | 4.437         |                  | ug/L |   | 78   | 60 - 150       |
| Chrysene                     | 5.71           | 4.318         |                  | ug/L |   | 76   | 47 - 137       |
| Dibenz(a,h)anthracene        | 5.71           | 4.067         |                  | ug/L |   | 71   | 50 - 147       |
| Dibenzofuran                 | 5.71           | 3.977         |                  | ug/L |   | 70   | 52 - 139       |
| Diethyl phthalate            | 5.71           | 4.763         |                  | ug/L |   | 83   | 55 - 137       |
| Dimethyl phthalate           | 5.71           | 4.194         |                  | ug/L |   | 73   | 44 - 150       |
| Di-n-butyl phthalate         | 5.71           | 4.967         |                  | ug/L |   | 87   | 49 - 146       |
| Di-n-octyl phthalate         | 5.71           | 5.471         |                  | ug/L |   | 96   | 55 - 150       |
| Fluoranthene                 | 5.71           | 4.463         |                  | ug/L |   | 78   | 50 - 144       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276655/2-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                            | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Fluorene                           | 5.71        | 4.101      |               | ug/L |   | 72   | 54 - 136    |
| Hexachlorobenzene                  | 5.71        | 3.968      |               | ug/L |   | 69   | 55 - 138    |
| Hexachlorobutadiene                | 5.71        | 4.275      |               | ug/L |   | 75   | 45 - 150    |
| Hexachlorocyclopentadiene          | 5.71        | 4.676      |               | ug/L |   | 82   | 24 - 150    |
| Hexachloroethane                   | 5.71        | 4.563      |               | ug/L |   | 80   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene             | 5.71        | 3.978      |               | ug/L |   | 70   | 46 - 138    |
| Isophorone                         | 5.71        | 4.453      |               | ug/L |   | 78   | 48 - 147    |
| Naphthalene                        | 5.71        | 4.010      |               | ug/L |   | 70   | 35 - 141    |
| Nitrobenzene                       | 5.71        | 4.150      |               | ug/L |   | 73   | 52 - 141    |
| N-Nitrosodi-n-propylamine          | 5.71        | 4.334      |               | ug/L |   | 76   | 41 - 137    |
| N-Nitrosodiphenylamine             | 5.71        | 4.265      |               | ug/L |   | 75   | 51 - 135    |
| Pentachlorophenol                  | 5.71        | 5.514      |               | ug/L |   | 96   | 33 - 150    |
| Phenanthrene                       | 5.71        | 4.111      |               | ug/L |   | 72   | 54 - 141    |
| Phenol                             | 5.71        | 4.427      | I             | ug/L |   | 77   | 40 - 145    |
| Pyrene                             | 5.71        | 4.463      |               | ug/L |   | 78   | 50 - 143    |
| Pyridine                           | 5.71        | 1.511      | J             | ug/L |   | 26   | 10 - 84     |
| N-Nitro-o-toluidine                | 5.71        | 3.072      |               | ug/L |   | 54   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol          | 5.71        | 5.141      |               | ug/L |   | 90   | 60 - 150    |
| Acetophenone                       | 5.71        | 3.935      |               | ug/L |   | 69   | 52 - 136    |
| N-Nitrosopiperidine                | 5.71        | 3.309      |               | ug/L |   | 58   | 36 - 148    |
| Pentachlorobenzene                 | 5.71        | 4.310      |               | ug/L |   | 75   | 52 - 128    |
| Diphenyl ether                     | 5.71        | 4.000      |               | ug/L |   | 70   | 46 - 130    |
| 1,1'-Biphenyl                      | 5.71        | 3.960      |               | ug/L |   | 69   | 39 - 142    |
| 4-Aminobiphenyl                    | 5.71        | 2.310      |               | ug/L |   | 40   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene         | 5.71        | 4.181      |               | ug/L |   | 73   | 46 - 125    |
| 1,3,5-Trinitrobenzene              | 5.71        | 4.023      |               | ug/L |   | 70   | 42 - 130    |
| 1,3-Dinitrobenzene                 | 5.71        | 4.538      |               | ug/L |   | 79   | 65 - 150    |
| 1,4-Naphthoquinone                 | 5.71        | 4.051      |               | ug/L |   | 71   | 24 - 137    |
| 1-Naphthylamine                    | 5.71        | 1.375      |               | ug/L |   | 24   | 10 - 130    |
| 2,6-Dichlorophenol                 | 5.71        | 4.339      |               | ug/L |   | 76   | 42 - 145    |
| 2-Acetylaminofluorene              | 5.71        | 3.619      |               | ug/L |   | 63   | 45 - 150    |
| 2-Chlorophenol                     | 5.71        | 4.160      |               | ug/L |   | 73   | 51 - 143    |
| 2-Naphthylamine                    | 5.71        | 1.516      |               | ug/L |   | 27   | 17 - 130    |
| 2-Picoline                         | 5.71        | <1.03      | U             | ug/L |   | 12   | 10 - 143    |
| 2-Toluidine                        | 5.71        | 0.8799     |               | ug/L |   | 15   | 10 - 130    |
| 3,3'-Dichlorobenzidine             | 5.71        | 3.566      |               | ug/L |   | 62   | 10 - 128    |
| 3,3'-Dimethylbenzidine             | 5.71        | 0.6716     |               | ug/L |   | 12   | 10 - 130    |
| 3-Methylcholanthrene               | 5.71        | 3.876      |               | ug/L |   | 68   | 53 - 130    |
| 4-Nitroquinoline-1-oxide           | 5.71        | 3.305      |               | ug/L |   | 58   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene     | 5.71        | 4.413      |               | ug/L |   | 77   | 27 - 146    |
| alpha,alpha-Dimethylphenethylamine | 5.71        | 1.590      | J             | ug/L |   | 28   | 5 - 150     |
| Aramite Peak 1                     | 2.86        | 1.972      |               | ug/L |   | 69   | 45 - 150    |
| Aramite Peak 2                     | 2.86        | 2.068      |               | ug/L |   | 72   | 45 - 150    |
| Diallate Peak 1                    | 4.23        | 3.167      |               | ug/L |   | 75   | 47 - 150    |
| Diallate Peak 2                    | 1.49        | 1.117      |               | ug/L |   | 75   | 53 - 142    |
| Ethyl methanesulfonate             | 5.71        | 4.051      |               | ug/L |   | 71   | 45 - 138    |
| Hexachloropropene                  | 5.71        | 4.234      |               | ug/L |   | 74   | 35 - 140    |
| Isosafrole                         | 5.71        | 4.153      |               | ug/L |   | 73   | 47 - 137    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276655/2-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Isosafrole Peak 1          | 0.914       | 0.6372     |               | ug/L |   | 70   | 48 - 132    |
| Isosafrole Peak 2          | 4.80        | 3.516      |               | ug/L |   | 73   | 47 - 137    |
| Methyl methanesulfonate    | 5.71        | 3.913      |               | ug/L |   | 68   | 33 - 140    |
| N-Nitrosodiethylamine      | 5.71        | 3.398      |               | ug/L |   | 59   | 50 - 136    |
| N-Nitrosodimethylamine     | 5.71        | 4.403      |               | ug/L |   | 77   | 33 - 148    |
| N-Nitrosodi-n-butylamine   | 5.71        | 3.499      |               | ug/L |   | 61   | 30 - 150    |
| N-Nitrosomethylethylamine  | 5.71        | 3.335      |               | ug/L |   | 58   | 30 - 148    |
| N-Nitrosomorpholine        | 5.71        | 3.366      |               | ug/L |   | 59   | 40 - 140    |
| N-Nitrosopyrrolidine       | 5.71        | 3.413      |               | ug/L |   | 60   | 20 - 130    |
| p-Dimethylamino azobenzene | 5.71        | 3.597      |               | ug/L |   | 63   | 16 - 150    |
| Pentachloronitrobenzene    | 5.71        | 4.550      |               | ug/L |   | 80   | 38 - 145    |
| Phenacetin                 | 5.71        | 4.848      |               | ug/L |   | 85   | 50 - 150    |
| p-Phenylene diamine        | 5.71        | <5.71      | U             | ug/L |   | 27   | 5 - 112     |
| Pronamide                  | 5.71        | 4.504      |               | ug/L |   | 79   | 60 - 150    |
| Safrole, Total             | 5.71        | 4.180      |               | ug/L |   | 73   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 84            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 74            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 79            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 97            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 78            |               | 8 - 124  |
| p-Terphenyl-d14             | 78            |               | 28 - 130 |

Lab Sample ID: LCS 860-276655/4-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                           | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Aramite Peak 1                    | 1.43        | 0.9154     |               | ug/L |   | 64   | 45 - 150    |
| Aramite Peak 2                    | 1.43        | 0.8851     |               | ug/L |   | 62   | 45 - 150    |
| Aramite, Total                    | 2.86        | <0.184     | U *-          | ug/L |   | 0    | 45 - 150    |
| Diallate                          | 2.86        | <0.0299    | U *-          | ug/L |   | 0    | 47 - 150    |
| Diallate Peak 1                   | 2.11        | 1.452      |               | ug/L |   | 69   | 47 - 150    |
| Diallate Peak 2                   | 0.743       | 0.5094     | J             | ug/L |   | 69   | 53 - 142    |
| Dimethoate                        | 2.86        | 9.005      | E *+          | ug/L |   | 315  | 70 - 150    |
| Dinoseb                           | 5.71        | 9.171      | *+            | ug/L |   | 160  | 10 - 150    |
| Disulfoton                        | 2.86        | 7.607      | *+            | ug/L |   | 266  | 80 - 150    |
| Ethyl Parathion                   | 2.86        | 5.967      | *+            | ug/L |   | 209  | 70 - 150    |
| Famphur                           | 2.86        | 2.357      |               | ug/L |   | 83   | 10 - 150    |
| Methapyrilene                     | 5.71        | 9.044      | I *+          | ug/L |   | 158  | 10 - 150    |
| Methyl parathion                  | 2.86        | 8.078      | *+            | ug/L |   | 283  | 80 - 150    |
| o,o',o''-Triethylphosphorothioate | 2.86        | 3.221      |               | ug/L |   | 113  | 38 - 150    |
| Phorate                           | 2.86        | 7.590      | *+            | ug/L |   | 266  | 65 - 150    |
| Safrole, Total                    | 2.86        | 1.817      | *-            | ug/L |   | 64   | 70 - 130    |
| Sulfotepp                         | 2.86        | 8.232      | *+            | ug/L |   | 288  | 28 - 150    |
| Thionazin                         | 2.86        | 3.568      |               | ug/L |   | 125  | 40 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276655/4-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 67        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 69        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 87        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 70        |           | 8 - 124  |
| p-Terphenyl-d14             | 67        |           | 28 - 130 |

Lab Sample ID: LCSD 860-276655/3-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.601       |                | ug/L |   | 81   | 55 - 120    | 3   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.105       |                | ug/L |   | 72   | 65 - 130    | 3   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.005       |                | ug/L |   | 70   | 26 - 130    | 4   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 3.988       |                | ug/L |   | 70   | 60 - 150    | 4   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.635       |                | ug/L |   | 81   | 65 - 145    | 5   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.478       |                | ug/L |   | 78   | 58 - 150    | 1   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.702       |                | ug/L |   | 82   | 39 - 145    | 2   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.527       |                | ug/L |   | 79   | 60 - 147    | 2   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.338       |                | ug/L |   | 76   | 58 - 140    | 3   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.760       |                | ug/L |   | 66   | 31 - 145    | 5   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 4.595       | J              | ug/L |   | 80   | 10 - 150    | 4   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 4.307       |                | ug/L |   | 75   | 29 - 150    | 4   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 4.498       |                | ug/L |   | 79   | 55 - 150    | 1   | 30        |
| 2-Chloronaphthalene          | 5.71        | 3.547       |                | ug/L |   | 62   | 39 - 141    | 4   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.115       |                | ug/L |   | 72   | 33 - 149    | 1   | 30        |
| 2-Methylphenol               | 5.71        | 5.078       |                | ug/L |   | 89   | 49 - 140    | 2   | 30        |
| 2-Nitroaniline               | 5.71        | 4.444       |                | ug/L |   | 78   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol                | 5.71        | 4.127       |                | ug/L |   | 72   | 43 - 150    | 2   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 4.055       |                | ug/L |   | 71   | 39 - 142    | 3   | 30        |
| 3-Nitroaniline               | 5.71        | 3.456       |                | ug/L |   | 60   | 25 - 130    | 4   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 4.245       |                | ug/L |   | 74   | 10 - 150    | 2   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.041       |                | ug/L |   | 71   | 56 - 136    | 1   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.487       |                | ug/L |   | 79   | 52 - 137    | 2   | 30        |
| 4-Chloroaniline              | 5.71        | 1.822       |                | ug/L |   | 32   | 10 - 95     | 4   | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.042       |                | ug/L |   | 71   | 53 - 134    | 2   | 30        |
| 4-Nitroaniline               | 5.71        | 4.144       |                | ug/L |   | 73   | 45 - 148    | 3   | 30        |
| Acenaphthene                 | 5.71        | 4.131       |                | ug/L |   | 72   | 48 - 136    | 2   | 30        |
| Acenaphthylene               | 5.71        | 4.475       |                | ug/L |   | 78   | 40 - 149    | 2   | 30        |
| Aniline                      | 5.71        | 0.8635      | J              | ug/L |   | 15   | 10 - 73     | 8   | 30        |
| Anthracene                   | 5.71        | 4.198       |                | ug/L |   | 73   | 51 - 146    | 3   | 30        |
| Benzo[a]anthracene           | 5.71        | 5.509       |                | ug/L |   | 96   | 43 - 145    | 2   | 30        |
| Benzo[a]pyrene               | 5.71        | 3.849       |                | ug/L |   | 67   | 52 - 136    | 5   | 30        |
| Benzo[b]fluoranthene         | 5.71        | 4.898       |                | ug/L |   | 86   | 45 - 140    | 0   | 30        |
| Benzo[g,h,i]perylene         | 5.71        | 4.266       |                | ug/L |   | 75   | 44 - 137    | 5   | 30        |
| Benzo[k]fluoranthene         | 5.71        | 4.660       |                | ug/L |   | 82   | 37 - 140    | 4   | 30        |
| Benzyl alcohol               | 5.71        | 2.614       | J              | ug/L |   | 46   | 40 - 133    | 2   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276655/3-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                     | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec     |  | RPD | Limit |
|-----------------------------|----------------|----------------|-------------------|------|---|------|----------|--|-----|-------|
|                             |                |                |                   |      |   |      | Limits   |  |     |       |
| Bis(2-chloroethoxy)methane  | 5.71           | 3.959          |                   | ug/L |   | 69   | 52 - 143 |  | 5   | 30    |
| Bis(2-chloroethyl)ether     | 5.71           | 3.946          |                   | ug/L |   | 69   | 52 - 140 |  | 4   | 30    |
| Bis(2-ethylhexyl) phthalate | 5.71           | 4.869          |                   | ug/L |   | 85   | 50 - 140 |  | 3   | 30    |
| Butyl benzyl phthalate      | 5.71           | 4.372          |                   | ug/L |   | 77   | 60 - 150 |  | 1   | 30    |
| Chrysene                    | 5.71           | 4.454          |                   | ug/L |   | 78   | 47 - 137 |  | 3   | 30    |
| Dibenz(a,h)anthracene       | 5.71           | 3.803          |                   | ug/L |   | 67   | 50 - 147 |  | 7   | 30    |
| Dibenzofuran                | 5.71           | 3.877          |                   | ug/L |   | 68   | 52 - 139 |  | 3   | 30    |
| Diethyl phthalate           | 5.71           | 4.779          |                   | ug/L |   | 84   | 55 - 137 |  | 0   | 30    |
| Dimethyl phthalate          | 5.71           | 4.149          |                   | ug/L |   | 73   | 44 - 150 |  | 1   | 30    |
| Di-n-butyl phthalate        | 5.71           | 4.765          |                   | ug/L |   | 83   | 49 - 146 |  | 4   | 30    |
| Di-n-octyl phthalate        | 5.71           | 5.600          |                   | ug/L |   | 98   | 55 - 150 |  | 2   | 30    |
| Fluoranthene                | 5.71           | 4.398          |                   | ug/L |   | 77   | 50 - 144 |  | 1   | 30    |
| Fluorene                    | 5.71           | 4.017          |                   | ug/L |   | 70   | 54 - 136 |  | 2   | 30    |
| Hexachlorobenzene           | 5.71           | 3.934          |                   | ug/L |   | 69   | 55 - 138 |  | 1   | 30    |
| Hexachlorobutadiene         | 5.71           | 4.140          |                   | ug/L |   | 72   | 45 - 150 |  | 3   | 30    |
| Hexachlorocyclopentadiene   | 5.71           | 4.622          |                   | ug/L |   | 81   | 24 - 150 |  | 1   | 30    |
| Hexachloroethane            | 5.71           | 4.414          |                   | ug/L |   | 77   | 30 - 130 |  | 3   | 30    |
| Indeno[1,2,3-cd]pyrene      | 5.71           | 3.766          |                   | ug/L |   | 66   | 46 - 138 |  | 5   | 30    |
| Isophorone                  | 5.71           | 4.275          |                   | ug/L |   | 75   | 48 - 147 |  | 4   | 30    |
| Naphthalene                 | 5.71           | 3.954          |                   | ug/L |   | 69   | 35 - 141 |  | 1   | 30    |
| Nitrobenzene                | 5.71           | 4.101          |                   | ug/L |   | 72   | 52 - 141 |  | 1   | 30    |
| N-Nitrosodi-n-propylamine   | 5.71           | 4.156          |                   | ug/L |   | 73   | 41 - 137 |  | 4   | 30    |
| N-Nitrosodiphenylamine      | 5.71           | 4.191          |                   | ug/L |   | 73   | 51 - 135 |  | 2   | 30    |
| Pentachlorophenol           | 5.71           | 5.347          |                   | ug/L |   | 94   | 33 - 150 |  | 3   | 30    |
| Phenanthrene                | 5.71           | 4.126          |                   | ug/L |   | 72   | 54 - 141 |  | 0   | 30    |
| Phenol                      | 5.71           | 4.245          | I                 | ug/L |   | 74   | 40 - 145 |  | 4   | 30    |
| Pyrene                      | 5.71           | 4.448          |                   | ug/L |   | 78   | 50 - 143 |  | 0   | 30    |
| Pyridine                    | 5.71           | 1.706          | J                 | ug/L |   | 30   | 10 - 84  |  | 12  | 30    |
| N-Nitro-o-toluidine         | 5.71           | 3.082          |                   | ug/L |   | 54   | 29 - 141 |  | 0   | 30    |
| 2,3,4,6-Tetrachlorophenol   | 5.71           | 5.225          |                   | ug/L |   | 91   | 60 - 150 |  | 2   | 30    |
| Acetophenone                | 5.71           | 3.757          |                   | ug/L |   | 66   | 52 - 136 |  | 5   | 30    |
| N-Nitrosopiperidine         | 5.71           | 3.240          |                   | ug/L |   | 57   | 36 - 148 |  | 2   | 30    |
| Pentachlorobenzene          | 5.71           | 4.366          |                   | ug/L |   | 76   | 52 - 128 |  | 1   | 30    |
| Diphenyl ether              | 5.71           | 3.969          |                   | ug/L |   | 69   | 46 - 130 |  | 1   | 30    |
| 1,1'-Biphenyl               | 5.71           | 3.885          |                   | ug/L |   | 68   | 39 - 142 |  | 2   | 30    |
| 4-Aminobiphenyl             | 5.71           | 2.258          |                   | ug/L |   | 40   | 10 - 115 |  | 2   | 30    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71           | 4.099          |                   | ug/L |   | 72   | 46 - 125 |  | 2   | 30    |
| 1,3,5-Trinitrobenzene       | 5.71           | 4.195          |                   | ug/L |   | 73   | 42 - 130 |  | 4   | 30    |
| 1,3-Dinitrobenzene          | 5.71           | 4.419          |                   | ug/L |   | 77   | 65 - 150 |  | 3   | 30    |
| 1,4-Naphthoquinone          | 5.71           | 3.972          |                   | ug/L |   | 70   | 24 - 137 |  | 2   | 30    |
| 1-Naphthylamine             | 5.71           | 1.401          |                   | ug/L |   | 25   | 10 - 130 |  | 2   | 30    |
| 2,6-Dichlorophenol          | 5.71           | 4.227          |                   | ug/L |   | 74   | 42 - 145 |  | 3   | 30    |
| 2-Acetylaminofluorene       | 5.71           | 3.489          |                   | ug/L |   | 61   | 45 - 150 |  | 4   | 30    |
| 2-Chlorophenol              | 5.71           | 3.989          |                   | ug/L |   | 70   | 51 - 143 |  | 4   | 30    |
| 2-Naphthylamine             | 5.71           | 1.570          |                   | ug/L |   | 27   | 17 - 130 |  | 3   | 30    |
| 2-Picoline                  | 5.71           | <1.03          | U                 | ug/L |   | 13   | 10 - 143 |  | 2   | 30    |
| 2-Toluidine                 | 5.71           | 0.9769         |                   | ug/L |   | 17   | 10 - 130 |  | 10  | 30    |
| 3,3'-Dichlorobenzidine      | 5.71           | 3.939          |                   | ug/L |   | 69   | 10 - 128 |  | 10  | 30    |
| 3,3'-Dimethylbenzidine      | 5.71           | 0.5993         |                   | ug/L |   | 10   | 10 - 130 |  | 11  | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276655/3-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 3-Methylcholanthrene                | 5.71        | 3.592       |                | ug/L |   | 63   | 53 - 130    | 8   | 30        |
| 4-Nitroquinoline-1-oxide            | 5.71        | 3.108       |                | ug/L |   | 54   | 20 - 140    | 6   | 30        |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.448       |                | ug/L |   | 78   | 27 - 146    | 1   | 30        |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45       | U              | ug/L |   | 23   | 5 - 150     | 20  | 30        |
| Aramite Peak 1                      | 2.86        | 1.952       |                | ug/L |   | 68   | 45 - 150    | 1   | 30        |
| Aramite Peak 2                      | 2.86        | 2.011       |                | ug/L |   | 70   | 45 - 150    | 3   | 30        |
| Diallate Peak 1                     | 4.23        | 3.053       |                | ug/L |   | 72   | 47 - 150    | 4   | 30        |
| Diallate Peak 2                     | 1.49        | 1.116       |                | ug/L |   | 75   | 53 - 142    | 0   | 30        |
| Ethyl methanesulfonate              | 5.71        | 3.936       |                | ug/L |   | 69   | 45 - 138    | 3   | 30        |
| Hexachloropropene                   | 5.71        | 4.037       |                | ug/L |   | 71   | 35 - 140    | 5   | 30        |
| Isosafrole                          | 5.71        | 4.053       |                | ug/L |   | 71   | 47 - 137    | 2   | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.6193      |                | ug/L |   | 68   | 48 - 132    | 3   | 30        |
| Isosafrole Peak 2                   | 4.80        | 3.434       |                | ug/L |   | 72   | 47 - 137    | 2   | 30        |
| Methyl methanesulfonate             | 5.71        | 3.864       |                | ug/L |   | 68   | 33 - 140    | 1   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 3.271       |                | ug/L |   | 57   | 50 - 136    | 4   | 30        |
| N-Nitrosodimethylamine              | 5.71        | 4.256       |                | ug/L |   | 74   | 33 - 148    | 3   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 3.438       |                | ug/L |   | 60   | 30 - 150    | 2   | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 3.178       |                | ug/L |   | 56   | 30 - 148    | 5   | 30        |
| N-Nitrosomorpholine                 | 5.71        | 3.233       |                | ug/L |   | 57   | 40 - 140    | 4   | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 3.351       |                | ug/L |   | 59   | 20 - 130    | 2   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 3.617       |                | ug/L |   | 63   | 16 - 150    | 1   | 30        |
| Pentachloronitrobenzene             | 5.71        | 4.334       |                | ug/L |   | 76   | 38 - 145    | 5   | 30        |
| Phenacetin                          | 5.71        | 4.837       |                | ug/L |   | 85   | 50 - 150    | 0   | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U              | ug/L |   | 28   | 5 - 112     | 0   | 30        |
| Pronamide                           | 5.71        | 4.471       |                | ug/L |   | 78   | 60 - 150    | 1   | 30        |
| Safrole, Total                      | 5.71        | 4.088       |                | ug/L |   | 72   | 70 - 130    | 2   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 84             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 73             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 80             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 92             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 77             |                | 8 - 124  |
| p-Terphenyl-d14             | 77             |                | 28 - 130 |

Lab Sample ID: LCSD 860-276655/5-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte         | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Aramite Peak 1  | 1.43        | 0.9228      |                | ug/L |   | 65   | 45 - 150    | 1   | 30        |
| Aramite Peak 2  | 1.43        | 0.8954      |                | ug/L |   | 63   | 45 - 150    | 1   | 30        |
| Aramite, Total  | 2.86        | <0.184      | U *            | ug/L |   | 0    | 45 - 150    | NC  | 30        |
| Diallate        | 2.86        | <0.0299     | U *            | ug/L |   | 0    | 47 - 150    | NC  | 30        |
| Diallate Peak 1 | 2.11        | 1.434       |                | ug/L |   | 68   | 47 - 150    | 1   | 30        |
| Diallate Peak 2 | 0.743       | 0.5325      | J              | ug/L |   | 72   | 53 - 142    | 4   | 30        |
| Dimethoate      | 2.86        | 9.164       | E *+           | ug/L |   | 321  | 70 - 150    | 2   | 30        |
| Dinoseb         | 5.71        | 9.593       | *+             | ug/L |   | 168  | 10 - 150    | 4   | 30        |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276655/5-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Disulfoton                       | 2.86        | 7.822       | *+             | ug/L |   | 274  | 80 - 150    | 3   | 30        |
| Ethyl Parathion                  | 2.86        | 6.266       | *+             | ug/L |   | 219  | 70 - 150    | 5   | 30        |
| Famphur                          | 2.86        | 2.442       |                | ug/L |   | 85   | 10 - 150    | 4   | 30        |
| Methapyrilene                    | 5.71        | 9.647       | I *+           | ug/L |   | 169  | 10 - 150    | 6   | 30        |
| Methyl parathion                 | 2.86        | 8.195       | *+             | ug/L |   | 287  | 80 - 150    | 1   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.187       |                | ug/L |   | 112  | 38 - 150    | 1   | 30        |
| Phorate                          | 2.86        | 7.502       | *+             | ug/L |   | 263  | 65 - 150    | 1   | 30        |
| Safrole, Total                   | 2.86        | 1.860       | *-             | ug/L |   | 65   | 70 - 130    | 2   | 30        |
| Sulfotepp                        | 2.86        | 8.489       | *+             | ug/L |   | 297  | 28 - 150    | 3   | 30        |
| Thionazin                        | 2.86        | 3.729       |                | ug/L |   | 131  | 40 - 140    | 4   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 72             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 67             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 72             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 85             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 75             |                | 8 - 124  |
| p-Terphenyl-d14             | 69             |                | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | MB Result    | MB Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------------|--------------|----------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine - RA      | <0.159       | U            | 0.571    | 0.159 | ug/L |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Surrogate                        | MB %Recovery | MB Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) - RA | 67           |              | 26 - 136 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| 2-Fluorobiphenyl - RA            | 88           |              | 39 - 130 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| 2-Fluorophenol (Surr) - RA       | 88           |              | 19 - 120 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Nitrobenzene-d5 (Surr) - RA      | 94           |              | 32 - 133 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Phenol-d5 (Surr) - RA            | 73           |              | 8 - 124  |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| p-Terphenyl-d14 - RA             | 86           | *3           | 28 - 130 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          |           |           | Spike    | LCS    | LCS       | Unit | D | %Rec   | %Rec     |  |  |
|----------------------------------|-----------|-----------|----------|--------|-----------|------|---|--------|----------|--|--|
|                                  |           |           | Added    | Result | Qualifier |      |   | Limits |          |  |  |
| N-Nitrosodimethylamine - RA      |           |           | 5.71     | 3.356  |           | ug/L |   | 59     | 33 - 148 |  |  |
|                                  |           |           |          |        |           |      |   |        |          |  |  |
| Surrogate                        | LCS       | LCS       |          |        |           |      |   |        |          |  |  |
|                                  | %Recovery | Qualifier | Limits   |        |           |      |   |        |          |  |  |
| 2,4,6-Tribromophenol (Surr) - RA | 52        |           | 26 - 136 |        |           |      |   |        |          |  |  |
| 2-Fluorobiphenyl - RA            | 49        |           | 39 - 130 |        |           |      |   |        |          |  |  |
| 2-Fluorophenol (Surr) - RA       | 53        |           | 19 - 120 |        |           |      |   |        |          |  |  |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Nitrobenzene-d5 (Surr) - RA | 64        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA       | 48        |           | 8 - 124  |
| p-Terphenyl-d14 - RA        | 51        |           | 28 - 130 |

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| N-Nitrosodimethylamine - RA | 5.71        | 3.810       |                | ug/L |   | 67   | 33 - 148    | 13  | 30        |

|                                  | LCSD      | LCSD      |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) - RA | 48        |           | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 52        |           | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 51        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 59        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 45        |           | 8 - 124  |
| p-Terphenyl-d14 - RA             | 50        |           | 28 - 130 |

## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

### GC/MS VOA

#### Analysis Batch: 275382

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-115932-1        | MW-43                  | Total/NA  | Water  | 8260D  |            |
| 860-115932-2        | MW-47                  | Total/NA  | Water  | 8260D  |            |
| 860-115932-3        | TB-04                  | Total/NA  | Water  | 8260D  |            |
| MB 860-275382/10    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275382/3    | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275382/4   | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116038-B-11 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |
| 860-116038-B-11 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 274823

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-115932-1 - RA        | MW-43                  | Total/NA  | Water  | 3511   |            |
| 860-115932-1             | MW-43                  | Total/NA  | Water  | 3511   |            |
| 860-115932-2 - RA        | MW-47                  | Total/NA  | Water  | 3511   |            |
| 860-115932-2             | MW-47                  | Total/NA  | Water  | 3511   |            |
| MB 860-274823/1-A - RA   | Method Blank           | Total/NA  | Water  | 3511   |            |
| MB 860-274823/1-A        | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/2-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/4-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/3-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/5-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

#### Analysis Batch: 275269

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-274823/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276080

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-115932-1  | MW-43            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115932-2  | MW-47            | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276600

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| MB 860-274823/1-A - RA   | Method Blank           | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276617

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-115932-1 - RA | MW-43            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115932-2 - RA | MW-47            | Total/NA  | Water  | 8270E  | 274823     |

Eurofins Houston

# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

## GC/MS Semi VOA

### Prep Batch: 276655

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-115932-2        | MW-47                  | Total/NA  | Water  | 3511   |            |
| MB 860-276655/1-A   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-276655/2-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-276655/4-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-276655/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-276655/5-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 276932

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-276655/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 276655     |
| LCS 860-276655/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 276655     |
| LCS 860-276655/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 276655     |
| LCSD 860-276655/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 276655     |
| LCSD 860-276655/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 276655     |

### Analysis Batch: 277397

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-115932-2  | MW-47            | Total/NA  | Water  | 8270E  | 276655     |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

**Client Sample ID: MW-43**

**Date Collected: 11/06/25 07:40**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115932-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 10:36       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.6 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 16:58       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.6 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276080       | 11/15/25 10:12       | DB      | EET HOU |

**Client Sample ID: MW-47**

**Date Collected: 11/06/25 07:55**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115932-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 10:56       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.3 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277397       | 11/21/25 01:43       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69 mL          | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 17:28       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69 mL          | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276080       | 11/15/25 10:42       | DB      | EET HOU |

**Client Sample ID: TB-04**

**Date Collected: 11/06/25 00:00**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115932-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 08:53       | NA      | EET HOU |

## Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-30-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115932-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-115932-1  | MW-43            | Water  | 11/06/25 07:40 | 11/07/25 09:02 | Mississippi   |
| 860-115932-2  | MW-47            | Water  | 11/06/25 07:55 | 11/07/25 09:02 | Mississippi   |
| 860-115932-3  | TB-04            | Water  | 11/06/25 00:00 | 11/07/25 09:02 | Mississippi   |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Client 1  
860-115932 Chain of Custody

Mr. Antonio  
Company: Arcadis US Inc.

Address: 4300 West Cypress Street Suite 450  
City: Tampa  
State Zip: FL 33607

Phone: 1095575  
Email: antonio.cardoso@arcadis.com

Project Name: Hercules Hattiesburg, MS  
State: MS

Due Date Requested:  
TAT Requested (days):  
Compliance Project: ☐ Yes ☐ No

PO #: 1095575  
WO #:  
Project #: 86006085  
SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type (C=Comp, G=Grab, B=Trace, A=Air)

Matrix (Plastic, Sealed, On-site, etc.)

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

6270E\_QQQ (MOD) Appendix 9 SVOCs

6260D (MOD) Appendix 9 VOCs

6321A\_Delnav

Carrier Tracking Note(s)

State of Origin:

Page: 1

Job #:

Preservation Codes:

Special Instructions/Note:

Temp. IR ID: HOU-368  
C/F +0.4 2.1  
Corrected Temp: 2.5

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months

Special Instructions/OC Requirements:

Empty Kit Relinquished by: *[Signature]*

Relinquished by: *[Signature]*

Custody Seals Intact: ☐ Yes ☐ No

## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-115932-1

**Login Number: 115932**

**List Source: Eurofins Houston**

**List Number: 1**

**Creator: Torres, Sandra**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   | 2.5     |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 11/25/2025 1:51:45 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-115977-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| *3        | ISTD response or retention time outside acceptable limits.                                                     |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-115977-1

**Job ID: 860-115977-1**

**Eurofins Houston**

## Job Narrative 860-115977-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/7/2025 9:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-274817 recovered above the upper control limit for Ethyl methacrylate (32%), Methylene Chloride (45%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-274817/2).

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-274817 recovered outside control limits for the following analytes: Ethyl methacrylate and Methylene Chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-274817 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275028 recovered above the upper control limit for ; Ethyl methacrylate (38%) and Iodomethane (25%) The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275028/2).

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275028 recovered outside acceptance criteria, low biased, Acrolein (-32.0%) and Dichloro difluoromethane(-24.0%). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-275028 recovered outside control limits for the following analytes: Ethyl methacrylate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-274977 and analytical batch 860-275028 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275564 recovered above the upper control limit for 2-Methylphenol, Phenol-d5 (Surr), N-Nitrosodiphenylamine, N-Nitrosopyrrolidine, Bis(2-ethylhexyl) phthalate, Benzo[a]anthracene and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275564/2).

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-115977-1

### Job ID: 860-115977-1 (Continued)

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Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: 2-Picoline, 2-Toluidine, 3,3'-Dimethylbenzidine, Aniline, and Pyridine. These analytes have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analytes. These results have been reported and qualified.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate and Sulfotepp. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: 2-Naphthylamine, 4-Chloroaniline, Aniline and p-Phenylene diamine.

Method 8270E\_QQQ: Internal standard (ISTD) Chrysene-d12, Perylene-d12, and Phenanthrene-d10 responses for the following sample in analytical batch 860-276600 was outside acceptance criteria (biased low): (MB 860-274823/1-A). These ISTD correspond to the requested target compounds reported from this analytical batch were non-detected; therefore, the data have been reported.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275564 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275564/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275269 recovered above the upper control limit for Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275269 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275269/3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

### Client Sample ID: MW-79

### Lab Sample ID: 860-115977-1

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 2-Propanol                       | 11.1   |           | 10.0  | 5.23  | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene                    | 8.70   |           | 1.00  | 0.455 | ug/L | 1       |   | 8260D  | Total/NA  |
| Vinyl chloride                   | 1.39   | J         | 2.00  | 0.428 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene              | 0.230  | J         | 0.581 | 0.103 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene              | 0.266  | J         | 0.581 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane                      | 1.21   |           | 0.581 | 0.107 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene                     | 0.391  | J         | 0.581 | 0.103 | ug/L | 1       |   | 8270E  | Total/NA  |
| Di-n-butyl phthalate             | 1.67   |           | 1.16  | 0.672 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                           | 1.99   |           | 1.16  | 0.515 | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate | 0.276  | J         | 0.581 | 0.134 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL              | 177    |           | 29.1  | 5.14  | ug/L | 50      |   | 8270E  | Total/NA  |

### Client Sample ID: MW-86

### Lab Sample ID: 860-115977-2

| Analyte                 | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Methyl tert-butyl ether | 1.66   | J         | 5.00  | 1.39  | ug/L | 1       |   | 8260D  | Total/NA  |
| Di-n-butyl phthalate    | 1.03   | J         | 1.14  | 0.661 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether          | 2.11   |           | 0.572 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-87

### Lab Sample ID: 860-115977-3

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Di-n-butyl phthalate | 1.24   |           | 1.19 | 0.685 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-39

### Lab Sample ID: 860-115977-4

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzene                          | 5.09   |           | 1.00  | 0.460 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene                    | 9.98   |           | 1.00  | 0.455 | ug/L | 1       |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene)        | 2.11   |           | 1.00  | 0.592 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene              | 0.483  | J         | 0.575 | 0.102 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene              | 0.456  | J         | 0.575 | 0.110 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane                      | 1.35   |           | 0.575 | 0.105 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene                     | 0.436  | J         | 0.575 | 0.102 | ug/L | 1       |   | 8270E  | Total/NA  |
| Di-n-butyl phthalate             | 1.61   |           | 1.15  | 0.664 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                         | 0.193  | J         | 0.575 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene                      | 0.347  | J         | 0.575 | 0.115 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                           | 2.26   |           | 1.15  | 0.509 | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate | 0.452  | J         | 0.575 | 0.133 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL              | 322    |           | 28.7  | 5.08  | ug/L | 50      |   | 8270E  | Total/NA  |

### Client Sample ID: MW-85

### Lab Sample ID: 860-115977-5

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Di-n-butyl phthalate | 0.867  | J         | 1.16 | 0.673 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: TB-02

### Lab Sample ID: 860-115977-6

No Detections.

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-79

Lab Sample ID: 860-115977-1

Date Collected: 11/05/25 08:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644      | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,1,1-Trichloroethane                 | <0.585      | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470      | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11       | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,1,2-Trichloroethane                 | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,1-Dichloroethane                    | <0.635      | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,1-Dichloroethene                    | <0.738      | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,2,3-Trichloropropane                | <0.470      | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417      | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671      | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,2-Dibromoethane                     | <0.999      | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,2-Dichloroethane                    | <0.372      | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,2-Dichloropropane                   | <0.556      | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 1,3-Butadiene                         | <0.568      | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 2,2,4-Trimethylpentane                | <0.500      | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 2-Butanone (MEK)                      | <8.28       | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 13:47 | 1       |
| 2-Hexanone (MBK)                      | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:47 | 1       |
| <b>2-Propanol</b>                     | <b>11.1</b> |           | 10.0 | 5.23  | ug/L |   |          | 11/11/25 13:47 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597      | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 13:47 | 1       |
| 4-Methyl-2-pentanone                  | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Acetone                               | <3.07       | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Acetonitrile                          | <14.6       | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Acrolein                              | <11.1       | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Acrylonitrile                         | <14.3       | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 13:47 | 1       |
| alpha-Chlorotoluene                   | <2.26       | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Benzene                               | <0.460      | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Bromodichloromethane                  | <0.552      | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Bromoform                             | <0.633      | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Bromomethane                          | <1.42       | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Carbon disulfide                      | <1.65       | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Carbon tetrachloride                  | <0.896      | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 13:47 | 1       |
| <b>Chlorobenzene</b>                  | <b>8.70</b> |           | 1.00 | 0.455 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Chlorodibromomethane                  | <0.547      | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Chloroethane                          | <1.98       | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Chloroform                            | <0.464      | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Chloromethane                         | <2.04       | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Chloroprene                           | <0.598      | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 13:47 | 1       |
| cis-1,2-Dichloroethene                | <0.457      | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 13:47 | 1       |
| cis-1,3-Dichloropropene               | <1.07       | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Cumene (isopropylbenzene)             | <0.592      | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Cyclohexane                           | <1.29       | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Dibromomethane                        | <0.357      | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Dichlorodifluoromethane               | <0.785      | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Ethyl methacrylate                    | <1.12       | U *       | 5.00 | 1.12  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Ethylbenzene                          | <0.385      | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Hexane                                | <0.517      | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 13:47 | 1       |
| Iodomethane                           | <5.00       | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 13:47 | 1       |
| Isobutanol                            | <17.1       | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 13:47 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-79

Lab Sample ID: 860-115977-1

Date Collected: 11/05/25 08:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Methylene Chloride          | <1.73     | U **      | 5.00    | 1.73     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 13:47 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 13:47 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 13:47 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 13:47 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 13:47 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 13:47 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 13:47 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 13:47 | 1       |
| Vinyl chloride              | 1.39      | J         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 13:47 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 13:47 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 13:47 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 13:47 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/11/25 13:47 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 74 - 124 |          | 11/11/25 13:47 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 131 |          | 11/11/25 13:47 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/11/25 13:47 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.123  | U         | 0.581 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,2-Dichlorobenzene          | 0.230   | J         | 0.581 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,3-Dichlorobenzene          | <0.110  | U         | 0.581 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,4-Dichlorobenzene          | 0.266   | J         | 0.581 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.88   | U         | 2.91  | 1.88   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,4,5-Trichlorophenol        | <0.439  | U         | 0.581 | 0.439  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,4,6-Trichlorophenol        | <0.119  | U         | 0.581 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,4-Dichlorophenol           | <0.128  | U         | 0.581 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,4-Dimethylphenol           | <0.114  | U         | 0.581 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,4-Dioxane                  | 1.21    |           | 0.581 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,4-Dinitrophenol            | <1.41   | U         | 5.81  | 1.41   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,4-Dinitrotoluene           | <0.522  | U         | 1.16  | 0.522  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,6-Dinitrotoluene           | <0.278  | U         | 0.581 | 0.278  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Chloronaphthalene          | <0.120  | U         | 0.581 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Methylnaphthalene          | <0.111  | U         | 0.581 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Methylphenol               | <0.111  | U         | 0.581 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Nitroaniline               | <0.161  | U         | 0.581 | 0.161  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Nitrophenol                | <0.140  | U         | 0.581 | 0.140  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 3 & 4 Methylphenol           | <0.0961 | U         | 0.581 | 0.0961 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 3-Nitroaniline               | <0.227  | U         | 1.16  | 0.227  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.25   | U         | 2.91  | 1.25   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-79

Lab Sample ID: 860-115977-1

Date Collected: 11/05/25 08:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.107  | U         | 0.581 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 4-Chloro-3-methylphenol     | <0.121  | U         | 0.581 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 4-Chloroaniline             | <0.0896 | U *1      | 0.581 | 0.0896 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0971 | U         | 0.581 | 0.0971 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 4-Nitroaniline              | <0.276  | U         | 1.16  | 0.276  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Acenaphthene                | 0.391   | J         | 0.581 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Acenaphthylene              | <0.127  | U         | 0.581 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Aniline                     | <0.458  | U *- *1   | 1.16  | 0.458  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Anthracene                  | <0.106  | U         | 0.581 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Benzo[a]anthracene          | <0.129  | U         | 0.291 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Benzo[a]pyrene              | <0.109  | U         | 0.291 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Benzo[b]fluoranthene        | <0.126  | U         | 0.581 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Benzo[g,h,i]perylene        | <0.0919 | U         | 0.581 | 0.0919 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Benzo[k]fluoranthene        | <0.125  | U         | 0.581 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Benzyl alcohol              | <0.228  | U         | 2.91  | 0.228  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Bis(2-chloroethoxy)methane  | <0.109  | U         | 0.581 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Bis(2-chloroethyl)ether     | <0.108  | U         | 0.581 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.581  | U         | 1.16  | 0.581  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Butyl benzyl phthalate      | <0.342  | U         | 1.16  | 0.342  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Chrysene                    | <0.0982 | U         | 0.581 | 0.0982 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Dibenz(a,h)anthracene       | <0.0866 | U         | 0.116 | 0.0866 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Dibenzofuran                | <0.114  | U         | 0.581 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Diethyl phthalate           | <0.190  | U         | 1.16  | 0.190  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Dimethyl phthalate          | <0.136  | U         | 1.16  | 0.136  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Di-n-butyl phthalate        | 1.67    |           | 1.16  | 0.672  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Di-n-octyl phthalate        | <0.291  | U *-      | 1.16  | 0.291  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Fluoranthene                | <0.122  | U         | 0.581 | 0.122  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Fluorene                    | <0.115  | U         | 0.581 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Hexachlorobenzene           | <0.134  | U         | 0.581 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Hexachlorobutadiene         | <0.165  | U         | 0.581 | 0.165  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Hexachlorocyclopentadiene   | <0.182  | U         | 1.16  | 0.182  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Hexachloroethane            | <0.127  | U         | 0.581 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.105  | U         | 0.581 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Isophorone                  | <0.108  | U         | 0.581 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Naphthalene                 | <0.116  | U         | 0.581 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Nitrobenzene                | <0.155  | U         | 0.581 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosodi-n-propylamine   | <0.150  | U         | 0.581 | 0.150  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosodiphenylamine      | <0.114  | U         | 0.581 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Pentachlorophenol           | <0.317  | U         | 0.581 | 0.317  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Phenanthrene                | <0.109  | U         | 0.581 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Phenol                      | 1.99    |           | 1.16  | 0.515  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Pyrene                      | <0.131  | U         | 0.581 | 0.131  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Pyridine                    | <0.851  | U *-      | 2.91  | 0.851  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitro-o-toluidine         | <0.663  | U         | 1.16  | 0.663  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.258  | U         | 0.581 | 0.258  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Acetophenone                | <0.141  | U *-      | 1.16  | 0.141  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosopiperidine         | <0.642  | U         | 1.16  | 0.642  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Pentachlorobenzene          | <0.127  | U         | 0.581 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,1'-Biphenyl               | <0.115  | U         | 0.581 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-79

Lab Sample ID: 860-115977-1

Date Collected: 11/05/25 08:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                  | <0.198  | U         | 0.581 | 0.198  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,2,4,5-Tetrachlorobenzene       | <0.117  | U         | 0.581 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,3,5-Trinitrobenzene            | <0.664  | U *1      | 1.16  | 0.664  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,3-Dinitrobenzene               | <0.598  | U         | 1.16  | 0.598  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1,4-Naphthoquinone               | <0.0623 | U         | 0.581 | 0.0623 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 1-Naphthylamine                  | <0.274  | U         | 0.581 | 0.274  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2,6-Dichlorophenol               | <0.0990 | U         | 0.581 | 0.0990 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Acetylaminofluorene            | <1.74   | U *-      | 2.91  | 1.74   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Chlorophenol                   | <0.104  | U         | 0.581 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Naphthylamine                  | <0.419  | U *1      | 0.581 | 0.419  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Picoline                       | <1.05   | U *- *1   | 1.16  | 1.05   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Toluidine                      | <0.432  | U *- *1   | 0.581 | 0.432  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 3,3'-Dichlorobenzidine           | <0.661  | U         | 1.16  | 0.661  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 3,3'-Dimethylbenzidine           | <0.300  | U *- *1   | 0.581 | 0.300  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 3-Methylcholanthrene             | <0.0897 | U *-      | 0.581 | 0.0897 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.647  | U         | 1.16  | 0.647  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.130  | U         | 0.581 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Aramite Peak 1                   | <0.187  | U *-      | 0.581 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Aramite Peak 2                   | <0.206  | U *-      | 0.581 | 0.206  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Aramite, Total                   | <0.187  | U *-      | 0.581 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Diallate                         | <0.0304 | U *-      | 0.581 | 0.0304 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Diallate Peak 1                  | <0.0761 | U *-      | 0.581 | 0.0761 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Diallate Peak 2                  | <0.0304 | U *-      | 0.581 | 0.0304 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Dimethoate                       | <0.507  | U **      | 2.91  | 0.507  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Dinoseb                          | <0.688  | U **      | 2.91  | 0.688  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Disulfoton                       | <2.19   | U **      | 2.91  | 2.19   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Ethyl methanesulfonate           | <0.189  | U         | 0.581 | 0.189  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Ethyl Parathion                  | <0.636  | U **      | 1.16  | 0.636  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Famphur                          | <0.263  | U         | 1.16  | 0.263  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Hexachloropropene                | <0.581  | U         | 0.581 | 0.581  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Isosafrole                       | <0.0235 | U         | 0.581 | 0.0235 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Isosafrole Peak 1                | <0.0235 | U         | 0.581 | 0.0235 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Isosafrole Peak 2                | <0.100  | U         | 0.581 | 0.100  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Methapyriline                    | <1.55   | U         | 2.33  | 1.55   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Methyl methanesulfonate          | <0.189  | U         | 0.581 | 0.189  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Methyl parathion                 | <2.81   | U **      | 2.91  | 2.81   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosodiethylamine            | <0.685  | U *-      | 1.16  | 0.685  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosodimethylamine           | <0.162  | U         | 0.581 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosodi-n-butylamine         | <0.736  | U         | 1.16  | 0.736  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosomethylethylamine        | <0.713  | U         | 1.16  | 0.713  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosomorpholine              | <0.725  | U         | 1.16  | 0.725  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| N-Nitrosopyrrolidine             | <0.111  | U         | 0.581 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| o,o',o"-Triethylphosphorothioate | 0.276   | J         | 0.581 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| p-Dimethylamino azobenzene       | <0.157  | U         | 0.581 | 0.157  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Pentachloronitrobenzene          | <0.257  | U         | 0.581 | 0.257  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Phenacetin                       | <0.257  | U         | 0.581 | 0.257  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Phorate                          | <2.65   | U **      | 5.81  | 2.65   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| p-Phenylene diamine              | <5.81   | U *1      | 5.81  | 5.81   | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Pronamide                        | <0.137  | U *-      | 0.581 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-79

Lab Sample ID: 860-115977-1

Date Collected: 11/05/25 08:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0936 | U *-      | 0.581 | 0.0936 | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Sulfotepp      | <0.479  | U **      | 1.16  | 0.479  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Thionazin      | <0.346  | U         | 1.16  | 0.346  | ug/L |   | 11/11/25 08:31 | 11/13/25 22:35 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77        |           | 26 - 136 | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/11/25 08:31 | 11/13/25 22:35 | 1       |
| p-Terphenyl-d14             | 89        |           | 28 - 130 | 11/11/25 08:31 | 11/13/25 22:35 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 177    |           | 29.1 | 5.14 | ug/L |   | 11/11/25 08:31 | 11/19/25 10:53 | 50      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 133       | I         | 26 - 136 | 11/11/25 08:31 | 11/19/25 10:53 | 50      |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 10:53 | 50      |
| 2-Fluorophenol (Surr)       | 24        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 10:53 | 50      |
| Nitrobenzene-d5 (Surr)      | 65        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 10:53 | 50      |
| Phenol-d5 (Surr)            | 11        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 10:53 | 50      |
| p-Terphenyl-d14             | 66        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 10:53 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.48  | U *-      | 5.81 | 1.48 | ug/L |   | 11/11/25 08:31 | 11/19/25 10:23 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 86        |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 10:23 | 1       |
| 2-Fluorobiphenyl            | 81        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 10:23 | 1       |
| 2-Fluorophenol (Surr)       | 35        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 10:23 | 1       |
| Nitrobenzene-d5 (Surr)      | 84        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 10:23 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 10:23 | 1       |
| p-Terphenyl-d14             | 92        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 10:23 | 1       |

Client Sample ID: MW-86

Lab Sample ID: 860-115977-2

Date Collected: 11/05/25 08:30

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 14:08 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-86

Lab Sample ID: 860-115977-2

Date Collected: 11/05/25 08:30

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 14:08 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 14:08 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 14:08 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 14:08 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 14:08 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 14:08 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 14:08 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Ethyl methacrylate               | <1.12  | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Methyl tert-butyl ether          | 1.66   | J         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Methylene Chloride               | <1.73  | U *+      | 5.00 | 1.73  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 14:08 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 14:08 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/11/25 14:08 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-86

Lab Sample ID: 860-115977-2

Date Collected: 11/05/25 08:30

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 14:08 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 14:08 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 14:08 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 14:08 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 14:08 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 14:08 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 14:08 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 14:08 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 14:08 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 14:08 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 14:08 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114       |           | 63 - 144 |          | 11/11/25 14:08 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/11/25 14:08 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 131 |          | 11/11/25 14:08 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/11/25 14:08 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.572 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.572 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.572 | 0.432  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.572 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.572 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.572 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.72  | 1.38   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,4-Dinitrotoluene           | <0.514  | U         | 1.14  | 0.514  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.572 | 0.273  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.572 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.572 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.572 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 3 & 4 Methylphenol           | <0.0945 | U         | 0.572 | 0.0945 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.572 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4-Chloroaniline              | <0.0882 | U *1      | 0.572 | 0.0882 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0955 | U         | 0.572 | 0.0955 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Aniline                      | <0.451  | U *- *1   | 1.14  | 0.451  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Anthracene                   | <0.104  | U         | 0.572 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-86

Lab Sample ID: 860-115977-2

Date Collected: 11/05/25 08:30

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.572 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Benzo[g,h,i]perylene        | <0.0904 | U         | 0.572 | 0.0904 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.572 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Benzyl alcohol              | <0.225  | U         | 2.86  | 0.225  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.572  | U         | 1.14  | 0.572  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.14  | 0.337  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Chrysene                    | <0.0967 | U         | 0.572 | 0.0967 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Dibenz(a,h)anthracene       | <0.0852 | U         | 0.114 | 0.0852 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Di-n-butyl phthalate        | 1.03    | J         | 1.14  | 0.661  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Di-n-octyl phthalate        | <0.286  | U *       | 1.14  | 0.286  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Fluoranthene                | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Fluorene                    | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.572 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Isophorone                  | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Naphthalene                 | <0.114  | U         | 0.572 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.572 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.572 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.572 | 0.312  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Phenanthrene                | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Phenol                      | <0.507  | U         | 1.14  | 0.507  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Pyrene                      | <0.129  | U         | 0.572 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Pyridine                    | <0.838  | U *       | 2.86  | 0.838  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitro-o-toluidine         | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.572 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Acetophenone                | <0.139  | U *       | 1.14  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosopiperidine         | <0.632  | U         | 1.14  | 0.632  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Diphenyl ether              | 2.11    |           | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.572 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.572 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,3,5-Trinitrobenzene       | <0.654  | U *1      | 1.14  | 0.654  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,3-Dinitrobenzene          | <0.588  | U         | 1.14  | 0.588  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1,4-Naphthoquinone          | <0.0613 | U         | 0.572 | 0.0613 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 1-Naphthylamine             | <0.270  | U         | 0.572 | 0.270  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2,6-Dichlorophenol          | <0.0974 | U         | 0.572 | 0.0974 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U *       | 2.86  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-86

Lab Sample ID: 860-115977-2

Date Collected: 11/05/25 08:30

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                   | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Naphthylamine                  | <0.412  | U *1      | 0.572 | 0.412  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Picoline                       | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Toluidine                      | <0.425  | U *- *1   | 0.572 | 0.425  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 3,3'-Dichlorobenzidine           | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 3,3'-Dimethylbenzidine           | <0.295  | U *- *1   | 0.572 | 0.295  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 3-Methylcholanthrene             | <0.0883 | U *-      | 0.572 | 0.0883 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.637  | U         | 1.14  | 0.637  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.128  | U         | 0.572 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Aramite Peak 1                   | <0.184  | U *-      | 0.572 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Aramite Peak 2                   | <0.203  | U *-      | 0.572 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Aramite, Total                   | <0.184  | U *-      | 0.572 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Diallate                         | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Diallate Peak 1                  | <0.0749 | U *-      | 0.572 | 0.0749 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Diallate Peak 2                  | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Dimethoate                       | <0.499  | U *+      | 2.86  | 0.499  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Dinoseb                          | <0.677  | U *+      | 2.86  | 0.677  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Disulfoton                       | <2.16   | U *+      | 2.86  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Ethyl methanesulfonate           | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Ethyl Parathion                  | <0.626  | U *+      | 1.14  | 0.626  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Famphur                          | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Hexachloropropene                | <0.572  | U         | 0.572 | 0.572  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Isosafrole                       | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Isosafrole Peak 1                | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Isosafrole Peak 2                | <0.0986 | U         | 0.572 | 0.0986 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Methapyrilene                    | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Methyl methanesulfonate          | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Methyl parathion                 | <2.77   | U *+      | 2.86  | 2.77   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosodiethylamine            | <0.674  | U *-      | 1.14  | 0.674  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.572 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosodi-n-butylamine         | <0.725  | U         | 1.14  | 0.725  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosomethylethylamine        | <0.702  | U         | 1.14  | 0.702  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosomorpholine              | <0.714  | U         | 1.14  | 0.714  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.572 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Pentachloronitrobenzene          | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Phenacetin                       | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Phorate                          | <2.61   | U *+      | 5.72  | 2.61   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| p-Phenylene diamine              | <5.72   | U *1      | 5.72  | 5.72   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Pronamide                        | <0.134  | U *-      | 0.572 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Safrole, Total                   | <0.0922 | U *-      | 0.572 | 0.0922 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Sulfotepp                        | <0.472  | U *+      | 1.14  | 0.472  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Thionazin                        | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 75        |           | 26 - 136 | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Fluorobiphenyl            | 85        |           | 39 - 130 | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| 2-Fluorophenol (Surr)       | 37        |           | 19 - 120 | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 72        |           | 32 - 133 | 11/11/25 08:31 | 11/13/25 23:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

**Client Sample ID: MW-86**

**Lab Sample ID: 860-115977-2**

**Date Collected: 11/05/25 08:30**

**Matrix: Water**

**Date Received: 11/07/25 09:02**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 22        |           | 8 - 124  | 11/11/25 08:31 | 11/13/25 23:04 | 1       |
| p-Terphenyl-d14  | 81        |           | 28 - 130 | 11/11/25 08:31 | 11/13/25 23:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U *       | 5.72 | 1.45 | ug/L |   | 11/11/25 08:31 | 11/19/25 08:53 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 88        |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 08:53 | 1       |
| 2-Fluorobiphenyl            | 82        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 08:53 | 1       |
| 2-Fluorophenol (Surr)       | 34        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 08:53 | 1       |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 08:53 | 1       |
| Phenol-d5 (Surr)            | 15        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 08:53 | 1       |
| p-Terphenyl-d14             | 79        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 08:53 | 1       |

**Client Sample ID: MW-87**

**Lab Sample ID: 860-115977-3**

**Date Collected: 11/05/25 09:24**

**Matrix: Water**

**Date Received: 11/07/25 09:02**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 14:28 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 14:28 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 14:28 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 14:28 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 14:28 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 14:28 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 14:28 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 14:28 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 14:28 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 14:28 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 14:28 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 14:28 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 14:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-87

Lab Sample ID: 860-115977-3

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/11/25 14:28 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/11/25 14:28 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Methylene Chloride          | <1.73     | U **      | 5.00    | 1.73     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 14:28 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 14:28 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 14:28 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 14:28 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 14:28 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 14:28 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 14:28 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 14:28 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 63 - 144 |          | 11/11/25 14:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 74 - 124 |          | 11/11/25 14:28 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 131 |          | 11/11/25 14:28 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/11/25 14:28 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | <0.125 | U         | 0.593 | 0.125 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-87

Lab Sample ID: 860-115977-3

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2-Dichlorobenzene          | <0.105  | U         | 0.593 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,3-Dichlorobenzene          | <0.112  | U         | 0.593 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,4-Dichlorobenzene          | <0.114  | U         | 0.593 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.92   | U         | 2.96  | 1.92   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.447  | U         | 0.593 | 0.447  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.121  | U         | 0.593 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,4-Dichlorophenol           | <0.131  | U         | 0.593 | 0.131  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,4-Dimethylphenol           | <0.116  | U         | 0.593 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,4-Dioxane                  | <0.109  | U         | 0.593 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,4-Dinitrophenol            | <1.43   | U         | 5.93  | 1.43   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,4-Dinitrotoluene           | <0.532  | U         | 1.19  | 0.532  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,6-Dinitrotoluene           | <0.283  | U         | 0.593 | 0.283  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Chloronaphthalene          | <0.123  | U         | 0.593 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Methylnaphthalene          | <0.113  | U         | 0.593 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Methylphenol               | <0.113  | U         | 0.593 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Nitroaniline               | <0.164  | U         | 0.593 | 0.164  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Nitrophenol                | <0.142  | U         | 0.593 | 0.142  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 3 & 4 Methylphenol           | <0.0979 | U         | 0.593 | 0.0979 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 3-Nitroaniline               | <0.231  | U         | 1.19  | 0.231  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.28   | U         | 2.96  | 1.28   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4-Bromophenyl phenyl ether   | <0.109  | U         | 0.593 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4-Chloro-3-methylphenol      | <0.124  | U         | 0.593 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4-Chloroaniline              | <0.0914 | U *1      | 0.593 | 0.0914 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0989 | U         | 0.593 | 0.0989 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4-Nitroaniline               | <0.281  | U         | 1.19  | 0.281  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Acenaphthene                 | <0.105  | U         | 0.593 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Acenaphthylene               | <0.130  | U         | 0.593 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Aniline                      | <0.467  | U *-*1    | 1.19  | 0.467  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Anthracene                   | <0.108  | U         | 0.593 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Benzo[a]anthracene           | <0.131  | U         | 0.296 | 0.131  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Benzo[a]pyrene               | <0.111  | U         | 0.296 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Benzo[b]fluoranthene         | <0.129  | U         | 0.593 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Benzo[g,h,i]perylene         | <0.0937 | U         | 0.593 | 0.0937 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Benzo[k]fluoranthene         | <0.128  | U         | 0.593 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Benzyl alcohol               | <0.233  | U         | 2.96  | 0.233  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Bis(2-chloroethoxy)methane   | <0.111  | U         | 0.593 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Bis(2-chloroethyl)ether      | <0.110  | U         | 0.593 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.592  | U         | 1.19  | 0.592  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Butyl benzyl phthalate       | <0.349  | U         | 1.19  | 0.349  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Chrysene                     | <0.100  | U         | 0.593 | 0.100  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Dibenz(a,h)anthracene        | <0.0882 | U         | 0.119 | 0.0882 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Dibenzofuran                 | <0.116  | U         | 0.593 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Diethyl phthalate            | <0.194  | U         | 1.19  | 0.194  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Dimethyl phthalate           | <0.138  | U         | 1.19  | 0.138  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Di-n-butyl phthalate         | 1.24    |           | 1.19  | 0.685  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Di-n-octyl phthalate         | <0.296  | U *-      | 1.19  | 0.296  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Fluoranthene                 | <0.124  | U         | 0.593 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Fluorene                     | <0.117  | U         | 0.593 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Hexachlorobenzene            | <0.137  | U         | 0.593 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-87

Lab Sample ID: 860-115977-3

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorobutadiene            | <0.168  | U         | 0.593 | 0.168  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Hexachlorocyclopentadiene      | <0.186  | U         | 1.19  | 0.186  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Hexachloroethane               | <0.130  | U         | 0.593 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.107  | U         | 0.593 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Isophorone                     | <0.110  | U         | 0.593 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Naphthalene                    | <0.119  | U         | 0.593 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Nitrobenzene                   | <0.158  | U         | 0.593 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosodi-n-propylamine      | <0.153  | U         | 0.593 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosodiphenylamine         | <0.117  | U         | 0.593 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Pentachlorophenol              | <0.324  | U         | 0.593 | 0.324  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Phenanthrene                   | <0.111  | U         | 0.593 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Phenol                         | <0.525  | U         | 1.19  | 0.525  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Pyrene                         | <0.134  | U         | 0.593 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Pyridine                       | <0.868  | U *       | 2.96  | 0.868  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitro-o-toluidine            | <0.675  | U         | 1.19  | 0.675  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.263  | U         | 0.593 | 0.263  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Acetophenone                   | <0.144  | U *       | 1.19  | 0.144  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosopiperidine            | <0.654  | U         | 1.19  | 0.654  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Pentachlorobenzene             | <0.130  | U         | 0.593 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Diphenyl ether                 | <0.105  | U         | 0.593 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,1'-Biphenyl                  | <0.117  | U         | 0.593 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4-Aminobiphenyl                | <0.202  | U         | 0.593 | 0.202  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.119  | U         | 0.593 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,3,5-Trinitrobenzene          | <0.677  | U *1      | 1.19  | 0.677  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,3-Dinitrobenzene             | <0.609  | U         | 1.19  | 0.609  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1,4-Naphthoquinone             | <0.0635 | U         | 0.593 | 0.0635 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 1-Naphthylamine                | <0.279  | U         | 0.593 | 0.279  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2,6-Dichlorophenol             | <0.101  | U         | 0.593 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Acetylaminofluorene          | <1.77   | U *       | 2.96  | 1.77   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Chlorophenol                 | <0.106  | U         | 0.593 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Naphthylamine                | <0.427  | U *1      | 0.593 | 0.427  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Picoline                     | <1.07   | U * *1    | 1.19  | 1.07   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Toluidine                    | <0.440  | U * *1    | 0.593 | 0.440  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 3,3'-Dichlorobenzidine         | <0.674  | U         | 1.19  | 0.674  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 3,3'-Dimethylbenzidine         | <0.306  | U * *1    | 0.593 | 0.306  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 3-Methylcholanthrene           | <0.0914 | U *       | 0.593 | 0.0914 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.660  | U         | 1.19  | 0.660  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.133  | U         | 0.593 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Aramite Peak 1                 | <0.191  | U *       | 0.593 | 0.191  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Aramite Peak 2                 | <0.210  | U *       | 0.593 | 0.210  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Aramite, Total                 | <0.191  | U *       | 0.593 | 0.191  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Diallate                       | <0.0310 | U *       | 0.593 | 0.0310 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Diallate Peak 1                | <0.0775 | U *       | 0.593 | 0.0775 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Diallate Peak 2                | <0.0310 | U *       | 0.593 | 0.0310 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Dimethoate                     | <0.517  | U **      | 2.96  | 0.517  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Dinoseb                        | <0.701  | U **      | 2.96  | 0.701  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Disulfoton                     | <2.23   | U **      | 2.96  | 2.23   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Ethyl methanesulfonate         | <0.192  | U         | 0.593 | 0.192  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Ethyl Parathion                | <0.649  | U **      | 1.19  | 0.649  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-87

Lab Sample ID: 860-115977-3

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Famphur                           | <0.268  | U         | 1.19  | 0.268  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Hexachloropropene                 | <0.593  | U         | 0.593 | 0.593  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Isosafrole                        | <0.0239 | U         | 0.593 | 0.0239 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Isosafrole Peak 1                 | <0.0239 | U         | 0.593 | 0.0239 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Isosafrole Peak 2                 | <0.102  | U         | 0.593 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Methapyrilene                     | <1.58   | U         | 2.37  | 1.58   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Methyl methanesulfonate           | <0.193  | U         | 0.593 | 0.193  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Methyl parathion                  | <2.87   | U *       | 2.96  | 2.87   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosodiethylamine             | <0.698  | U *       | 1.19  | 0.698  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosodimethylamine            | <0.165  | U         | 0.593 | 0.165  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosodi-n-butylamine          | <0.750  | U         | 1.19  | 0.750  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosomethylethylamine         | <0.727  | U         | 1.19  | 0.727  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosomorpholine               | <0.739  | U         | 1.19  | 0.739  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| N-Nitrosopyrrolidine              | <0.113  | U         | 0.593 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.137  | U         | 0.593 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| p-Dimethylamino azobenzene        | <0.160  | U         | 0.593 | 0.160  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Pentachloronitrobenzene           | <0.262  | U         | 0.593 | 0.262  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Phenacetin                        | <0.262  | U         | 0.593 | 0.262  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Phorate                           | <2.71   | U *       | 5.93  | 2.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| p-Phenylene diamine               | <5.93   | U *       | 5.93  | 5.93   | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Pronamide                         | <0.139  | U *       | 0.593 | 0.139  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Safrole, Total                    | <0.0954 | U *       | 0.593 | 0.0954 | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Sulfotepp                         | <0.488  | U *       | 1.19  | 0.488  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Thionazin                         | <0.352  | U         | 1.19  | 0.352  | ug/L |   | 11/11/25 08:31 | 11/13/25 23:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 80        |           | 26 - 136 | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Fluorobiphenyl            | 84        |           | 39 - 130 | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 32 - 133 | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/11/25 08:31 | 11/13/25 23:33 | 1       |
| p-Terphenyl-d14             | 85        |           | 28 - 130 | 11/11/25 08:31 | 11/13/25 23:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.50  | U *       | 5.93 | 1.50 | ug/L |   | 11/11/25 08:31 | 11/19/25 07:53 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 92        |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 07:53 | 1       |
| 2-Fluorobiphenyl            | 86        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 07:53 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 07:53 | 1       |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 07:53 | 1       |
| Phenol-d5 (Surr)            | 21        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 07:53 | 1       |
| p-Terphenyl-d14             | 88        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 07:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-39

Lab Sample ID: 860-115977-4

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644      | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,1,1-Trichloroethane                 | <0.585      | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470      | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11       | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,1,2-Trichloroethane                 | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,1-Dichloroethane                    | <0.635      | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,1-Dichloroethene                    | <0.738      | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,2,3-Trichloropropane                | <0.470      | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417      | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671      | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,2-Dibromoethane                     | <0.999      | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,2-Dichloroethane                    | <0.372      | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,2-Dichloropropane                   | <0.556      | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 1,3-Butadiene                         | <0.568      | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 2,2,4-Trimethylpentane                | <0.500      | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 2-Butanone (MEK)                      | <8.28       | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 14:49 | 1       |
| 2-Hexanone (MBK)                      | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 14:49 | 1       |
| 2-Propanol                            | <5.23       | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 14:49 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597      | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 14:49 | 1       |
| 4-Methyl-2-pentanone                  | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Acetone                               | <3.07       | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Acetonitrile                          | <14.6       | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Acrolein                              | <11.1       | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Acrylonitrile                         | <14.3       | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 14:49 | 1       |
| alpha-Chlorotoluene                   | <2.26       | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 14:49 | 1       |
| <b>Benzene</b>                        | <b>5.09</b> |           | 1.00 | 0.460 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Bromodichloromethane                  | <0.552      | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Bromoform                             | <0.633      | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Bromomethane                          | <1.42       | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Carbon disulfide                      | <1.65       | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Carbon tetrachloride                  | <0.896      | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 14:49 | 1       |
| <b>Chlorobenzene</b>                  | <b>9.98</b> |           | 1.00 | 0.455 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Chlorodibromomethane                  | <0.547      | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Chloroethane                          | <1.98       | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Chloroform                            | <0.464      | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Chloromethane                         | <2.04       | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Chloroprene                           | <0.598      | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 14:49 | 1       |
| cis-1,2-Dichloroethene                | <0.457      | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 14:49 | 1       |
| cis-1,3-Dichloropropene               | <1.07       | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 14:49 | 1       |
| <b>Cumene (isopropylbenzene)</b>      | <b>2.11</b> |           | 1.00 | 0.592 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Cyclohexane                           | <1.29       | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Dibromomethane                        | <0.357      | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Dichlorodifluoromethane               | <0.785      | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Ethyl methacrylate                    | <1.12       | U **      | 5.00 | 1.12  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Ethylbenzene                          | <0.385      | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Hexane                                | <0.517      | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 14:49 | 1       |
| Iodomethane                           | <5.00       | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 14:49 | 1       |
| Isobutanol                            | <17.1       | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 14:49 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-39

Lab Sample ID: 860-115977-4

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Methylene Chloride          | <1.73     | U **      | 5.00    | 1.73     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 14:49 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 14:49 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 14:49 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 14:49 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 14:49 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 14:49 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 14:49 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 14:49 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 14:49 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 14:49 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 14:49 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 14:49 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 63 - 144 |          | 11/11/25 14:49 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 74 - 124 |          | 11/11/25 14:49 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 131 |          | 11/11/25 14:49 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/11/25 14:49 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121       | U         | 0.575 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>1,2-Dichlorobenzene</b>   | <b>0.483</b> | <b>J</b>  | 0.575 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108       | U         | 0.575 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>1,4-Dichlorobenzene</b>   | <b>0.456</b> | <b>J</b>  | 0.575 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86        | U         | 2.87  | 1.86   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.433       | U         | 0.575 | 0.433  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117       | U         | 0.575 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,4-Dichlorophenol           | <0.127       | U         | 0.575 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,4-Dimethylphenol           | <0.113       | U         | 0.575 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>1,4-Dioxane</b>           | <b>1.35</b>  |           | 0.575 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,4-Dinitrophenol            | <1.39        | U         | 5.75  | 1.39   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,4-Dinitrotoluene           | <0.516       | U         | 1.15  | 0.516  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,6-Dinitrotoluene           | <0.275       | U         | 0.575 | 0.275  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Chloronaphthalene          | <0.119       | U         | 0.575 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Methylnaphthalene          | <0.110       | U         | 0.575 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Methylphenol               | <0.110       | U         | 0.575 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Nitroaniline               | <0.159       | U         | 0.575 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Nitrophenol                | <0.138       | U         | 0.575 | 0.138  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 3 & 4 Methylphenol           | <0.0950      | U         | 0.575 | 0.0950 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 3-Nitroaniline               | <0.224       | U         | 1.15  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.24        | U         | 2.87  | 1.24   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-39

Lab Sample ID: 860-115977-4

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.106       | U         | 0.575 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 4-Chloro-3-methylphenol     | <0.120       | U         | 0.575 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 4-Chloroaniline             | <0.0886      | U *1      | 0.575 | 0.0886 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0959      | U         | 0.575 | 0.0959 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 4-Nitroaniline              | <0.272       | U         | 1.15  | 0.272  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>Acenaphthene</b>         | <b>0.436</b> | <b>J</b>  | 0.575 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Acenaphthylene              | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Aniline                     | <0.453       | U *- *1   | 1.15  | 0.453  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Anthracene                  | <0.105       | U         | 0.575 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Benzo[a]anthracene          | <0.127       | U         | 0.287 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Benzo[a]pyrene              | <0.108       | U         | 0.287 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Benzo[b]fluoranthene        | <0.125       | U         | 0.575 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0908      | U         | 0.575 | 0.0908 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Benzo[k]fluoranthene        | <0.124       | U         | 0.575 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Benzyl alcohol              | <0.226       | U         | 2.87  | 0.226  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108       | U         | 0.575 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.107       | U         | 0.575 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.574       | U         | 1.15  | 0.574  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Butyl benzyl phthalate      | <0.338       | U         | 1.15  | 0.338  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Chrysene                    | <0.0971      | U         | 0.575 | 0.0971 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0856      | U         | 0.115 | 0.0856 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Dibenzofuran                | <0.113       | U         | 0.575 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Diethyl phthalate           | <0.188       | U         | 1.15  | 0.188  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Dimethyl phthalate          | <0.134       | U         | 1.15  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>Di-n-butyl phthalate</b> | <b>1.61</b>  |           | 1.15  | 0.664  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Di-n-octyl phthalate        | <0.287       | U *-      | 1.15  | 0.287  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Fluoranthene                | <0.121       | U         | 0.575 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>Fluorene</b>             | <b>0.193</b> | <b>J</b>  | 0.575 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Hexachlorobenzene           | <0.133       | U         | 0.575 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Hexachlorobutadiene         | <0.163       | U         | 0.575 | 0.163  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Hexachlorocyclopentadiene   | <0.180       | U         | 1.15  | 0.180  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Hexachloroethane            | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103       | U         | 0.575 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Isophorone                  | <0.106       | U         | 0.575 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>Naphthalene</b>          | <b>0.347</b> | <b>J</b>  | 0.575 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Nitrobenzene                | <0.153       | U         | 0.575 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148       | U         | 0.575 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosodiphenylamine      | <0.113       | U         | 0.575 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Pentachlorophenol           | <0.314       | U         | 0.575 | 0.314  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Phenanthrene                | <0.107       | U         | 0.575 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| <b>Phenol</b>               | <b>2.26</b>  |           | 1.15  | 0.509  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Pyrene                      | <0.130       | U         | 0.575 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Pyridine                    | <0.841       | U *-      | 2.87  | 0.841  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitro-o-toluidine         | <0.655       | U         | 1.15  | 0.655  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.255       | U         | 0.575 | 0.255  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Acetophenone                | <0.139       | U *-      | 1.15  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosopiperidine         | <0.634       | U         | 1.15  | 0.634  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Pentachlorobenzene          | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 1,1'-Biphenyl               | <0.114       | U         | 0.575 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-39

Lab Sample ID: 860-115977-4

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                  | <0.196  | U         | 0.575 | 0.196  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene       | <0.116  | U         | 0.575 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 1,3,5-Trinitrobenzene            | <0.657  | U *1      | 1.15  | 0.657  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 1,3-Dinitrobenzene               | <0.591  | U         | 1.15  | 0.591  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 1,4-Naphthoquinone               | <0.0616 | U         | 0.575 | 0.0616 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 1-Naphthylamine                  | <0.271  | U         | 0.575 | 0.271  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2,6-Dichlorophenol               | <0.0978 | U         | 0.575 | 0.0978 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Acetylaminofluorene            | <1.72   | U *-      | 2.87  | 1.72   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Chlorophenol                   | <0.103  | U         | 0.575 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Naphthylamine                  | <0.414  | U *1      | 0.575 | 0.414  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Picoline                       | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Toluidine                      | <0.427  | U *- *1   | 0.575 | 0.427  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 3,3'-Dichlorobenzidine           | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 3,3'-Dimethylbenzidine           | <0.297  | U *- *1   | 0.575 | 0.297  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 3-Methylcholanthrene             | <0.0886 | U *-      | 0.575 | 0.0886 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.640  | U         | 1.15  | 0.640  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.129  | U         | 0.575 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Aramite Peak 1                   | <0.185  | U *-      | 0.575 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Aramite Peak 2                   | <0.204  | U *-      | 0.575 | 0.204  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Aramite, Total                   | <0.185  | U *-      | 0.575 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Diallate                         | <0.0301 | U *-      | 0.575 | 0.0301 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Diallate Peak 1                  | <0.0752 | U *-      | 0.575 | 0.0752 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Diallate Peak 2                  | <0.0301 | U *-      | 0.575 | 0.0301 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Dimethoate                       | <0.502  | U **      | 2.87  | 0.502  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Dinoseb                          | <0.680  | U **      | 2.87  | 0.680  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Disulfoton                       | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Ethyl methanesulfonate           | <0.186  | U         | 0.575 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Ethyl Parathion                  | <0.629  | U **      | 1.15  | 0.629  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Famphur                          | <0.260  | U         | 1.15  | 0.260  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Hexachloropropene                | <0.575  | U         | 0.575 | 0.575  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Isosafrole                       | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Isosafrole Peak 1                | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Isosafrole Peak 2                | <0.0991 | U         | 0.575 | 0.0991 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Methapyrilene                    | <1.53   | U         | 2.30  | 1.53   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Methyl methanesulfonate          | <0.187  | U         | 0.575 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Methyl parathion                 | <2.78   | U **      | 2.87  | 2.78   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosodiethylamine            | <0.677  | U *-      | 1.15  | 0.677  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosodimethylamine           | <0.160  | U         | 0.575 | 0.160  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosodi-n-butylamine         | <0.728  | U         | 1.15  | 0.728  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosomethylethylamine        | <0.705  | U         | 1.15  | 0.705  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosomorpholine              | <0.717  | U         | 1.15  | 0.717  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.575 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| o,o',o"-Triethylphosphorothioate | 0.452   | J         | 0.575 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| p-Dimethylamino azobenzene       | <0.155  | U         | 0.575 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Pentachloronitrobenzene          | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Phenacetin                       | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Phorate                          | <2.62   | U **      | 5.75  | 2.62   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| p-Phenylene diamine              | <5.75   | U *1      | 5.75  | 5.75   | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Pronamide                        | <0.135  | U *-      | 0.575 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-39

Lab Sample ID: 860-115977-4

Date Collected: 11/05/25 09:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0926 | U *-      | 0.575 | 0.0926 | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Sulfotepp      | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Thionazin      | <0.342  | U         | 1.15  | 0.342  | ug/L |   | 11/11/25 08:31 | 11/14/25 00:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 82        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Fluorobiphenyl            | 86        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| 2-Fluorophenol (Surr)       | 31        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| Phenol-d5 (Surr)            | 17        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 00:03 | 1       |
| p-Terphenyl-d14             | 89        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 00:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 322    |           | 28.7 | 5.08 | ug/L |   | 11/11/25 08:31 | 11/19/25 09:53 | 50      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 134       |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 09:53 | 50      |
| 2-Fluorobiphenyl            | 82        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 09:53 | 50      |
| 2-Fluorophenol (Surr)       | 24        | I         | 19 - 120 | 11/11/25 08:31 | 11/19/25 09:53 | 50      |
| Nitrobenzene-d5 (Surr)      | 60        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 09:53 | 50      |
| Phenol-d5 (Surr)            | 9         |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 09:53 | 50      |
| p-Terphenyl-d14             | 89        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 09:53 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.46  | U *-      | 5.75 | 1.46 | ug/L |   | 11/11/25 08:31 | 11/19/25 09:23 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 96        |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 09:23 | 1       |
| 2-Fluorobiphenyl            | 90        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 09:23 | 1       |
| 2-Fluorophenol (Surr)       | 27        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 09:23 | 1       |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 09:23 | 1       |
| Phenol-d5 (Surr)            | 14        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 09:23 | 1       |
| p-Terphenyl-d14             | 93        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 09:23 | 1       |

Client Sample ID: MW-85

Lab Sample ID: 860-115977-5

Date Collected: 11/05/25 10:04

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 15:09 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-85

Lab Sample ID: 860-115977-5

Date Collected: 11/05/25 10:04

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 15:09 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 15:09 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 15:09 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 15:09 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 15:09 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 15:09 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 15:09 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Ethyl methacrylate               | <1.12  | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Methylene Chloride               | <1.73  | U *+      | 5.00 | 1.73  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 15:09 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 15:09 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/11/25 15:09 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-85

Lab Sample ID: 860-115977-5

Date Collected: 11/05/25 10:04

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 15:09 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 15:09 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 15:09 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 15:09 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 15:09 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 15:09 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 15:09 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 15:09 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 15:09 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 15:09 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 15:09 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114       |           | 63 - 144 |          | 11/11/25 15:09 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/11/25 15:09 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 131 |          | 11/11/25 15:09 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/11/25 15:09 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.123  | U         | 0.582 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,2-Dichlorobenzene          | <0.103  | U         | 0.582 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,3-Dichlorobenzene          | <0.110  | U         | 0.582 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,4-Dichlorobenzene          | <0.112  | U         | 0.582 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.88   | U         | 2.91  | 1.88   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,4,5-Trichlorophenol        | <0.439  | U         | 0.582 | 0.439  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,4,6-Trichlorophenol        | <0.119  | U         | 0.582 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,4-Dichlorophenol           | <0.128  | U         | 0.582 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,4-Dimethylphenol           | <0.114  | U         | 0.582 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,4-Dioxane                  | <0.107  | U         | 0.582 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,4-Dinitrophenol            | <1.41   | U         | 5.82  | 1.41   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,4-Dinitrotoluene           | <0.523  | U         | 1.16  | 0.523  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,6-Dinitrotoluene           | <0.278  | U         | 0.582 | 0.278  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Chloronaphthalene          | <0.120  | U         | 0.582 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Methylnaphthalene          | <0.111  | U         | 0.582 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Methylphenol               | <0.111  | U         | 0.582 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Nitroaniline               | <0.161  | U         | 0.582 | 0.161  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Nitrophenol                | <0.140  | U         | 0.582 | 0.140  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 3 & 4 Methylphenol           | <0.0962 | U         | 0.582 | 0.0962 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 3-Nitroaniline               | <0.227  | U         | 1.16  | 0.227  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.25   | U         | 2.91  | 1.25   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4-Bromophenyl phenyl ether   | <0.107  | U         | 0.582 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4-Chloro-3-methylphenol      | <0.121  | U         | 0.582 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4-Chloroaniline              | <0.0898 | U *1      | 0.582 | 0.0898 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0972 | U         | 0.582 | 0.0972 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4-Nitroaniline               | <0.276  | U         | 1.16  | 0.276  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Acenaphthene                 | <0.103  | U         | 0.582 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Acenaphthylene               | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Aniline                      | <0.459  | U *- *1   | 1.16  | 0.459  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Anthracene                   | <0.106  | U         | 0.582 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-85

Lab Sample ID: 860-115977-5

Date Collected: 11/05/25 10:04

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[a]anthracene          | <0.129  | U         | 0.291 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Benzo[a]pyrene              | <0.109  | U         | 0.291 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Benzo[b]fluoranthene        | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Benzo[g,h,i]perylene        | <0.0920 | U         | 0.582 | 0.0920 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Benzo[k]fluoranthene        | <0.126  | U         | 0.582 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Benzyl alcohol              | <0.228  | U         | 2.91  | 0.228  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Bis(2-chloroethoxy)methane  | <0.109  | U         | 0.582 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Bis(2-chloroethyl)ether     | <0.109  | U         | 0.582 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.582  | U         | 1.16  | 0.582  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Butyl benzyl phthalate      | <0.342  | U         | 1.16  | 0.342  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Chrysene                    | <0.0984 | U         | 0.582 | 0.0984 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Dibenz(a,h)anthracene       | <0.0867 | U         | 0.116 | 0.0867 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Dibenzofuran                | <0.114  | U         | 0.582 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Diethyl phthalate           | <0.190  | U         | 1.16  | 0.190  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Dimethyl phthalate          | <0.136  | U         | 1.16  | 0.136  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Di-n-butyl phthalate        | 0.867   | J         | 1.16  | 0.673  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Di-n-octyl phthalate        | <0.291  | U *-      | 1.16  | 0.291  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Fluoranthene                | <0.122  | U         | 0.582 | 0.122  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Fluorene                    | <0.115  | U         | 0.582 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Hexachlorobenzene           | <0.135  | U         | 0.582 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Hexachlorobutadiene         | <0.165  | U         | 0.582 | 0.165  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Hexachlorocyclopentadiene   | <0.183  | U         | 1.16  | 0.183  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Hexachloroethane            | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.105  | U         | 0.582 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Isophorone                  | <0.108  | U         | 0.582 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Naphthalene                 | <0.116  | U         | 0.582 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Nitrobenzene                | <0.155  | U         | 0.582 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosodi-n-propylamine   | <0.150  | U         | 0.582 | 0.150  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosodiphenylamine      | <0.114  | U         | 0.582 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Pentachlorophenol           | <0.318  | U         | 0.582 | 0.318  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Phenanthrene                | <0.109  | U         | 0.582 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Phenol                      | <0.516  | U         | 1.16  | 0.516  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Pyrene                      | <0.131  | U         | 0.582 | 0.131  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Pyridine                    | <0.852  | U *-      | 2.91  | 0.852  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitro-o-toluidine         | <0.664  | U         | 1.16  | 0.664  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.259  | U         | 0.582 | 0.259  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Acetophenone                | <0.141  | U *-      | 1.16  | 0.141  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosopiperidine         | <0.643  | U         | 1.16  | 0.643  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Pentachlorobenzene          | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Diphenyl ether              | <0.103  | U         | 0.582 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,1'-Biphenyl               | <0.115  | U         | 0.582 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4-Aminobiphenyl             | <0.199  | U         | 0.582 | 0.199  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.117  | U         | 0.582 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,3,5-Trinitrobenzene       | <0.665  | U *1      | 1.16  | 0.665  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,3-Dinitrobenzene          | <0.598  | U         | 1.16  | 0.598  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1,4-Naphthoquinone          | <0.0624 | U         | 0.582 | 0.0624 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 1-Naphthylamine             | <0.274  | U         | 0.582 | 0.274  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2,6-Dichlorophenol          | <0.0991 | U         | 0.582 | 0.0991 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Acetylaminofluorene       | <1.74   | U *-      | 2.91  | 1.74   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-85

Lab Sample ID: 860-115977-5

Date Collected: 11/05/25 10:04

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                   | <0.104  | U         | 0.582 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Naphthylamine                  | <0.420  | U *1      | 0.582 | 0.420  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Picoline                       | <1.05   | U *- *1   | 1.16  | 1.05   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Toluidine                      | <0.432  | U *- *1   | 0.582 | 0.432  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 3,3'-Dichlorobenzidine           | <0.662  | U         | 1.16  | 0.662  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 3,3'-Dimethylbenzidine           | <0.301  | U *- *1   | 0.582 | 0.301  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 3-Methylcholanthrene             | <0.0898 | U *-      | 0.582 | 0.0898 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.648  | U         | 1.16  | 0.648  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.130  | U         | 0.582 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Aramite Peak 1                   | <0.187  | U *-      | 0.582 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Aramite Peak 2                   | <0.207  | U *-      | 0.582 | 0.207  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Aramite, Total                   | <0.187  | U *-      | 0.582 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Diallate                         | <0.0305 | U *-      | 0.582 | 0.0305 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Diallate Peak 1                  | <0.0762 | U *-      | 0.582 | 0.0762 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Diallate Peak 2                  | <0.0305 | U *-      | 0.582 | 0.0305 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Dimethoate                       | <0.508  | U *+      | 2.91  | 0.508  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Dinoseb                          | <0.689  | U *+      | 2.91  | 0.689  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Disulfoton                       | <2.19   | U *+      | 2.91  | 2.19   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Ethyl methanesulfonate           | <0.189  | U         | 0.582 | 0.189  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Ethyl Parathion                  | <0.637  | U *+      | 1.16  | 0.637  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Famphur                          | <0.264  | U         | 1.16  | 0.264  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Hexachloropropene                | <0.582  | U         | 0.582 | 0.582  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Isosafrole                       | <0.0235 | U         | 0.582 | 0.0235 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Isosafrole Peak 1                | <0.0235 | U         | 0.582 | 0.0235 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Isosafrole Peak 2                | <0.100  | U         | 0.582 | 0.100  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Methapyrilene                    | <1.55   | U         | 2.33  | 1.55   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Methyl methanesulfonate          | <0.189  | U         | 0.582 | 0.189  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Methyl parathion                 | <2.82   | U *+      | 2.91  | 2.82   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosodiethylamine            | <0.686  | U *-      | 1.16  | 0.686  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosodimethylamine           | <0.162  | U         | 0.582 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosodi-n-butylamine         | <0.737  | U         | 1.16  | 0.737  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosomethylethylamine        | <0.714  | U         | 1.16  | 0.714  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosomorpholine              | <0.726  | U         | 1.16  | 0.726  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| N-Nitrosopyrrolidine             | <0.111  | U         | 0.582 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.135  | U         | 0.582 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| p-Dimethylamino azobenzene       | <0.157  | U         | 0.582 | 0.157  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Pentachloronitrobenzene          | <0.257  | U         | 0.582 | 0.257  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Phenacetin                       | <0.257  | U         | 0.582 | 0.257  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Phorate                          | <2.66   | U *+      | 5.82  | 2.66   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| p-Phenylene diamine              | <5.82   | U *1      | 5.82  | 5.82   | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Pronamide                        | <0.137  | U *-      | 0.582 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Safrole, Total                   | <0.0938 | U *-      | 0.582 | 0.0938 | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Sulfotepp                        | <0.480  | U *+      | 1.16  | 0.480  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Thionazin                        | <0.346  | U         | 1.16  | 0.346  | ug/L |   | 11/11/25 08:31 | 11/15/25 09:43 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Fluorobiphenyl            | 83        |           | 39 - 130 | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 79        |           | 32 - 133 | 11/11/25 08:31 | 11/15/25 09:43 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: MW-85

Lab Sample ID: 860-115977-5

Date Collected: 11/05/25 10:04

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 23        |           | 8 - 124  | 11/11/25 08:31 | 11/15/25 09:43 | 1       |
| p-Terphenyl-d14  | 90        |           | 28 - 130 | 11/11/25 08:31 | 11/15/25 09:43 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.48  | U *       | 5.82 | 1.48 | ug/L |   | 11/11/25 08:31 | 11/19/25 08:23 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 88        |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 08:23 | 1       |
| 2-Fluorobiphenyl            | 86        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 08:23 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 08:23 | 1       |
| Nitrobenzene-d5 (Surr)      | 81        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 08:23 | 1       |
| Phenol-d5 (Surr)            | 19        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 08:23 | 1       |
| p-Terphenyl-d14             | 88        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 08:23 | 1       |

Client Sample ID: TB-02

Lab Sample ID: 860-115977-6

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 22:20 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 22:20 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 22:20 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 22:20 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 22:20 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 22:20 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 22:20 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 22:20 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 22:20 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 22:20 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 22:20 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 22:20 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 22:20 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

Client Sample ID: TB-02

Lab Sample ID: 860-115977-6

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/11/25 22:20 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/11/25 22:20 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 22:20 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 22:20 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 22:20 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 22:20 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 22:20 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 22:20 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 22:20 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 22:20 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/11/25 22:20 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/11/25 22:20 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 131 |          | 11/11/25 22:20 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/11/25 22:20 | 1       |

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# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                                    |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-115888-D-2 MS                  | Matrix Spike           | 103                                            | 99              | 102              | 101             |
| 860-115977-1                       | MW-79                  | 111                                            | 99              | 106              | 101             |
| 860-115977-2                       | MW-86                  | 114                                            | 100             | 106              | 102             |
| 860-115977-3                       | MW-87                  | 115                                            | 98              | 107              | 101             |
| 860-115977-4                       | MW-39                  | 113                                            | 98              | 107              | 101             |
| 860-115977-5                       | MW-85                  | 114                                            | 101             | 106              | 102             |
| 860-115977-6                       | TB-02                  | 112                                            | 101             | 104              | 103             |
| LCS 860-274817/3                   | Lab Control Sample     | 106                                            | 101             | 100              | 102             |
| LCS 860-275028/3                   | Lab Control Sample     | 105                                            | 101             | 100              | 101             |
| LCSD 860-274817/4                  | Lab Control Sample Dup | 105                                            | 98              | 102              | 99              |
| LCSD 860-275028/4                  | Lab Control Sample Dup | 105                                            | 98              | 101              | 101             |
| MB 860-274817/9                    | Method Blank           | 110                                            | 102             | 105              | 102             |
| MB 860-275028/9                    | Method Blank           | 109                                            | 101             | 104              | 103             |
| <b>Surrogate Legend</b>            |                        |                                                |                 |                  |                 |
| DCA = 1,2-Dichloroethane-d4 (Surr) |                        |                                                |                 |                  |                 |
| BFB = 4-Bromofluorobenzene (Surr)  |                        |                                                |                 |                  |                 |
| DBFM = Dibromofluoromethane (Surr) |                        |                                                |                 |                  |                 |
| TOL = Toluene-d8 (Surr)            |                        |                                                |                 |                  |                 |

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: TCLP

| Lab Sample ID                      | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------------------------|------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                                    |                  | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 560-129492-A-1-B MS                | Matrix Spike     | 106                                            | 99              | 101              | 100             |
| <b>Surrogate Legend</b>            |                  |                                                |                 |                  |                 |
| DCA = 1,2-Dichloroethane-d4 (Surr) |                  |                                                |                 |                  |                 |
| BFB = 4-Bromofluorobenzene (Surr)  |                  |                                                |                 |                  |                 |
| DBFM = Dibromofluoromethane (Surr) |                  |                                                |                 |                  |                 |
| TOL = Toluene-d8 (Surr)            |                  |                                                |                 |                  |                 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-------------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                   |                  | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-115977-1      | MW-79            | 77                                             | 78              | 39              | 74              | 24             | 89                 |
| 860-115977-1 - RA | MW-79            | 86                                             | 81              | 35              | 84              | 20             | 92                 |
| 860-115977-1 - DL | MW-79            | 133 I                                          | 71              | 24              | 65              | 11             | 66                 |
| 860-115977-2      | MW-86            | 75                                             | 85              | 37              | 72              | 22             | 81                 |
| 860-115977-2 - RA | MW-86            | 88                                             | 82              | 34              | 80              | 15             | 79                 |
| 860-115977-3      | MW-87            | 80                                             | 84              | 45              | 75              | 28             | 85                 |
| 860-115977-3 - RA | MW-87            | 92                                             | 86              | 39              | 91              | 21             | 88                 |
| 860-115977-4      | MW-39            | 82                                             | 86              | 31              | 80              | 17             | 89                 |
| 860-115977-4 - RA | MW-39            | 96                                             | 90              | 27              | 91              | 14             | 93                 |
| 860-115977-4 - DL | MW-39            | 134                                            | 82              | 24 I            | 60              | 9              | 89                 |
| 860-115977-5      | MW-85            | 68                                             | 83              | 42              | 79              | 23             | 90                 |

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## Surrogate Summary

Client: Arcadis US Inc.

Job ID: 860-115977-1

Project/Site: Hercules Hattiesburg, MS

### Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID            | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|--------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                          |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-115977-5 - RA        | MW-85                  | 88                                             | 86              | 40              | 81              | 19             | 88                 |
| LCS 860-274823/2-A       | Lab Control Sample     | 70                                             | 70              | 67              | 76              | 67             | 70                 |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | 52                                             | 49              | 53              | 64              | 48             | 51                 |
| LCS 860-274823/4-A       | Lab Control Sample     | 73                                             | 71              | 68              | 79              | 67             | 69                 |
| LCSD 860-274823/3-A      | Lab Control Sample Dup | 75                                             | 72              | 72              | 83              | 71             | 72                 |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | 48                                             | 52              | 51              | 59              | 45             | 50                 |
| LCSD 860-274823/5-A      | Lab Control Sample Dup | 69                                             | 71              | 64              | 78              | 65             | 64                 |
| MB 860-274823/1-A        | Method Blank           | 83                                             | 95              | 100             | 95              | 89             | 99                 |
| MB 860-274823/1-A - RA   | Method Blank           | 67                                             | 88              | 88              | 94              | 73             | 86 *3              |

#### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14



# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-274817/9

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/11/25 10:23 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/11/25 10:23 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/11/25 10:23 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/11/25 10:23 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/11/25 10:23 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/11/25 10:23 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/11/25 10:23 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/11/25 10:23 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-274817/9

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/11/25 10:23 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/11/25 10:23 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/11/25 10:23 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/11/25 10:23 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/11/25 10:23 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/11/25 10:23 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 10:23 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 10:23 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110          |              | 63 - 144 |          | 11/11/25 10:23 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102          |              | 74 - 124 |          | 11/11/25 10:23 | 1       |
| Dibromofluoromethane (Surr)  | 105          |              | 75 - 131 |          | 11/11/25 10:23 | 1       |
| Toluene-d8 (Surr)            | 102          |              | 80 - 120 |          | 11/11/25 10:23 | 1       |

Lab Sample ID: LCS 860-274817/3

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 56.25      |               | ug/L |   | 112  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 54.94      |               | ug/L |   | 110  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 55.06      |               | ug/L |   | 110  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 54.45      |               | ug/L |   | 109  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 54.57      |               | ug/L |   | 109  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 54.25      |               | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 52.82      |               | ug/L |   | 106  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 58.77      |               | ug/L |   | 118  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 57.13      |               | ug/L |   | 114  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 51.96      |               | ug/L |   | 104  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 54.76      |               | ug/L |   | 110  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 56.37      |               | ug/L |   | 113  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 54.72      |               | ug/L |   | 109  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 57.19      |               | ug/L |   | 114  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 58.59      |               | ug/L |   | 117  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-274817/3

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 53.08      |               | ug/L |   | 106  | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 283.9      |               | ug/L |   | 114  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 309.5      |               | ug/L |   | 124  | 60 - 140    |
| 2-Propanol                       | 500         | 564.8      |               | ug/L |   | 113  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 56.35      |               | ug/L |   | 113  | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 297.3      |               | ug/L |   | 119  | 60 - 140    |
| Acetone                          | 250         | 289.8      |               | ug/L |   | 116  | 60 - 140    |
| Acetonitrile                     | 500         | 537.0      |               | ug/L |   | 107  | 60 - 140    |
| Acrolein                         | 250         | 219.4      |               | ug/L |   | 88   | 60 - 140    |
| Acrylonitrile                    | 500         | 546.0      |               | ug/L |   | 109  | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 53.96      |               | ug/L |   | 108  | 70 - 130    |
| Benzene                          | 50.0        | 53.90      |               | ug/L |   | 108  | 70 - 130    |
| Bromodichloromethane             | 50.0        | 57.23      |               | ug/L |   | 114  | 65 - 135    |
| Bromoform                        | 50.0        | 59.66      |               | ug/L |   | 119  | 70 - 130    |
| Bromomethane                     | 50.0        | 61.63      |               | ug/L |   | 123  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 53.58      |               | ug/L |   | 107  | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 54.73      |               | ug/L |   | 109  | 70 - 130    |
| Chlorobenzene                    | 50.0        | 54.22      |               | ug/L |   | 108  | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 56.24      |               | ug/L |   | 112  | 70 - 130    |
| Chloroethane                     | 50.0        | 57.83      |               | ug/L |   | 116  | 60 - 140    |
| Chloroform                       | 50.0        | 54.15      |               | ug/L |   | 108  | 70 - 130    |
| Chloromethane                    | 50.0        | 50.06      |               | ug/L |   | 100  | 60 - 140    |
| Chloroprene                      | 50.0        | 55.31      |               | ug/L |   | 111  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 55.27      |               | ug/L |   | 111  | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 57.16      |               | ug/L |   | 114  | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 60.55      |               | ug/L |   | 121  | 70 - 130    |
| Cyclohexane                      | 50.0        | 56.96      |               | ug/L |   | 114  | 65 - 130    |
| Dibromomethane                   | 50.0        | 54.48      |               | ug/L |   | 109  | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 45.74      |               | ug/L |   | 91   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 72.85      | *+            | ug/L |   | 146  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 55.85      |               | ug/L |   | 112  | 70 - 130    |
| Hexane                           | 50.0        | 56.00      |               | ug/L |   | 112  | 65 - 140    |
| Iodomethane                      | 50.0        | 56.30      |               | ug/L |   | 113  | 50 - 150    |
| Isobutanol                       | 1240        | 1505       |               | ug/L |   | 121  | 60 - 140    |
| Methacrylonitrile                | 500         | 510.2      |               | ug/L |   | 102  | 70 - 130    |
| Methyl methacrylate              | 100         | 93.73      |               | ug/L |   | 94   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 49.37      |               | ug/L |   | 99   | 70 - 135    |
| Methylene Chloride               | 50.0        | 74.19      | *+            | ug/L |   | 148  | 71 - 125    |
| Propionitrile                    | 500         | 526.4      |               | ug/L |   | 105  | 70 - 130    |
| Propylbenzene                    | 50.0        | 56.99      |               | ug/L |   | 114  | 70 - 130    |
| Styrene                          | 50.0        | 59.10      |               | ug/L |   | 118  | 70 - 130    |
| Tetrachloroethene                | 50.0        | 53.99      |               | ug/L |   | 108  | 70 - 130    |
| Tetrahydrofuran                  | 100         | 108.9      |               | ug/L |   | 109  | 63 - 130    |
| Toluene                          | 50.0        | 53.35      |               | ug/L |   | 107  | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 52.04      |               | ug/L |   | 104  | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 59.51      |               | ug/L |   | 119  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 62.60      |               | ug/L |   | 125  | 70 - 130    |
| Trichloroethene                  | 50.0        | 52.81      |               | ug/L |   | 106  | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 60.14      |               | ug/L |   | 120  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-274817/3

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 300.1      |               | ug/L |   | 120  | 50 - 150    |
| Vinyl chloride | 50.0        | 55.26      |               | ug/L |   | 111  | 60 - 140    |
| Xylenes, Total | 100         | 112.1      |               | ug/L |   | 112  | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.05640    |               | mg/L |   | 113  | 70 - 130    |
| o-Xylene       | 0.0500      | 0.05567    |               | mg/L |   | 111  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 106           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 101           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-274817/4

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 52.83       |                | ug/L |   | 106  | 70 - 130    | 6   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 52.05       |                | ug/L |   | 104  | 70 - 130    | 5   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 51.62       |                | ug/L |   | 103  | 70 - 130    | 6   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 51.37       |                | ug/L |   | 103  | 60 - 140    | 6   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 52.33       |                | ug/L |   | 105  | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 51.31       |                | ug/L |   | 103  | 70 - 130    | 6   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 49.70       |                | ug/L |   | 99   | 67 - 130    | 6   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 56.85       |                | ug/L |   | 114  | 70 - 130    | 3   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 50.92       |                | ug/L |   | 102  | 70 - 130    | 12  | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 52.47       |                | ug/L |   | 105  | 59 - 130    | 1   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 53.68       |                | ug/L |   | 107  | 70 - 130    | 2   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 55.07       |                | ug/L |   | 110  | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 52.76       |                | ug/L |   | 106  | 70 - 130    | 4   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 50.73       |                | ug/L |   | 101  | 70 - 130    | 12  | 25        |
| 1,3-Butadiene                         | 50.0        | 54.22       |                | ug/L |   | 108  | 60 - 150    | 8   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 49.12       |                | ug/L |   | 98   | 70 - 130    | 8   | 25        |
| 2-Butanone (MEK)                      | 250         | 298.2       |                | ug/L |   | 119  | 67 - 140    | 5   | 25        |
| 2-Hexanone (MBK)                      | 250         | 318.3       |                | ug/L |   | 127  | 60 - 140    | 3   | 25        |
| 2-Propanol                            | 500         | 554.9       |                | ug/L |   | 111  | 50 - 150    | 2   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 51.75       |                | ug/L |   | 103  | 60 - 130    | 9   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 313.0       |                | ug/L |   | 125  | 60 - 140    | 5   | 25        |
| Acetone                               | 250         | 299.8       |                | ug/L |   | 120  | 60 - 140    | 3   | 25        |
| Acetonitrile                          | 500         | 560.9       |                | ug/L |   | 112  | 60 - 140    | 4   | 25        |
| Acrolein                              | 250         | 222.5       |                | ug/L |   | 89   | 60 - 140    | 1   | 25        |
| Acrylonitrile                         | 500         | 562.9       |                | ug/L |   | 113  | 60 - 140    | 3   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 52.18       |                | ug/L |   | 104  | 70 - 130    | 3   | 25        |
| Benzene                               | 50.0        | 51.35       |                | ug/L |   | 103  | 70 - 130    | 5   | 25        |
| Bromodichloromethane                  | 50.0        | 54.92       |                | ug/L |   | 110  | 65 - 135    | 4   | 25        |
| Bromoform                             | 50.0        | 58.87       |                | ug/L |   | 118  | 70 - 130    | 1   | 25        |
| Bromomethane                          | 50.0        | 58.00       |                | ug/L |   | 116  | 49 - 140    | 6   | 25        |
| Carbon disulfide                      | 50.0        | 50.33       |                | ug/L |   | 101  | 60 - 130    | 6   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-274817/4

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 50.39       |                | ug/L |   | 101  | 70 - 130    | 8   | 25        |
| Chlorobenzene               | 50.0        | 50.73       |                | ug/L |   | 101  | 65 - 135    | 7   | 25        |
| Chlorodibromomethane        | 50.0        | 53.82       |                | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Chloroethane                | 50.0        | 54.92       |                | ug/L |   | 110  | 60 - 140    | 5   | 25        |
| Chloroform                  | 50.0        | 52.49       |                | ug/L |   | 105  | 70 - 130    | 3   | 25        |
| Chloromethane               | 50.0        | 45.90       |                | ug/L |   | 92   | 60 - 140    | 9   | 25        |
| Chloroprene                 | 50.0        | 51.16       |                | ug/L |   | 102  | 70 - 130    | 8   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 52.79       |                | ug/L |   | 106  | 70 - 130    | 5   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 55.49       |                | ug/L |   | 111  | 70 - 130    | 3   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 56.08       |                | ug/L |   | 112  | 70 - 130    | 8   | 25        |
| Cyclohexane                 | 50.0        | 53.84       |                | ug/L |   | 108  | 65 - 130    | 6   | 25        |
| Dibromomethane              | 50.0        | 54.31       |                | ug/L |   | 109  | 69 - 130    | 0   | 25        |
| Dichlorodifluoromethane     | 50.0        | 42.61       |                | ug/L |   | 85   | 50 - 150    | 7   | 25        |
| Ethyl methacrylate          | 50.0        | 72.71       | *+             | ug/L |   | 145  | 70 - 130    | 0   | 25        |
| Ethylbenzene                | 50.0        | 51.33       |                | ug/L |   | 103  | 70 - 130    | 8   | 25        |
| Hexane                      | 50.0        | 52.01       |                | ug/L |   | 104  | 65 - 140    | 7   | 25        |
| Iodomethane                 | 50.0        | 56.59       |                | ug/L |   | 113  | 50 - 150    | 1   | 25        |
| Isobutanol                  | 1240        | 1562        |                | ug/L |   | 126  | 60 - 140    | 4   | 25        |
| Methacrylonitrile           | 500         | 529.6       |                | ug/L |   | 106  | 70 - 130    | 4   | 25        |
| Methyl methacrylate         | 100         | 96.56       |                | ug/L |   | 97   | 70 - 130    | 3   | 25        |
| Methyl tert-butyl ether     | 50.0        | 49.58       |                | ug/L |   | 99   | 70 - 135    | 0   | 25        |
| Methylene Chloride          | 50.0        | 71.54       | *+             | ug/L |   | 143  | 71 - 125    | 4   | 25        |
| Propionitrile               | 500         | 556.7       |                | ug/L |   | 111  | 70 - 130    | 6   | 25        |
| Propylbenzene               | 50.0        | 50.44       |                | ug/L |   | 101  | 70 - 130    | 12  | 25        |
| Styrene                     | 50.0        | 55.02       |                | ug/L |   | 110  | 70 - 130    | 7   | 25        |
| Tetrachloroethene           | 50.0        | 49.61       |                | ug/L |   | 99   | 70 - 130    | 8   | 25        |
| Tetrahydrofuran             | 100         | 113.7       |                | ug/L |   | 114  | 63 - 130    | 4   | 25        |
| Toluene                     | 50.0        | 49.81       |                | ug/L |   | 100  | 70 - 130    | 7   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 49.53       |                | ug/L |   | 99   | 70 - 130    | 5   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 56.55       |                | ug/L |   | 113  | 70 - 130    | 5   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 60.61       |                | ug/L |   | 121  | 70 - 130    | 3   | 25        |
| Trichloroethene             | 50.0        | 50.42       |                | ug/L |   | 101  | 70 - 135    | 5   | 25        |
| Trichlorofluoromethane      | 50.0        | 56.63       |                | ug/L |   | 113  | 60 - 140    | 6   | 25        |
| Vinyl acetate               | 250         | 291.5       |                | ug/L |   | 117  | 50 - 150    | 3   | 25        |
| Vinyl chloride              | 50.0        | 51.75       |                | ug/L |   | 103  | 60 - 140    | 7   | 25        |
| Xylenes, Total              | 100         | 103.6       |                | ug/L |   | 104  | 70 - 130    | 8   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05180     |                | mg/L |   | 104  | 70 - 130    | 9   | 25        |
| o-Xylene                    | 0.0500      | 0.05181     |                | mg/L |   | 104  | 70 - 130    | 7   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 105            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 102            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 99             |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115888-D-2 MS

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 53.85     |              | ug/L |   | 108  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 55.41     |              | ug/L |   | 111  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 49.73     |              | ug/L |   | 99   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 53.38     |              | ug/L |   | 107  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 51.70     |              | ug/L |   | 103  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 53.69     |              | ug/L |   | 107  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 52.11     |              | ug/L |   | 104  | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 53.13     |              | ug/L |   | 106  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 54.27     |              | ug/L |   | 109  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 45.06     |              | ug/L |   | 90   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 51.68     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 54.49     |              | ug/L |   | 109  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 53.83     |              | ug/L |   | 108  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 54.48     |              | ug/L |   | 109  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 55.36     |              | ug/L |   | 111  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 50.78     |              | ug/L |   | 102  | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 256.5     |              | ug/L |   | 103  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 268.7     |              | ug/L |   | 107  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 538.8     |              | ug/L |   | 108  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 54.28     |              | ug/L |   | 109  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 265.4     |              | ug/L |   | 106  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 267.8     |              | ug/L |   | 107  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 500.0     |              | ug/L |   | 100  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 201.7     |              | ug/L |   | 81   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 494.5     |              | ug/L |   | 99   | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 49.80     |              | ug/L |   | 100  | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 53.08     |              | ug/L |   | 106  | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 55.80     |              | ug/L |   | 112  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 56.70     |              | ug/L |   | 113  | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 58.23     |              | ug/L |   | 116  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 52.72     |              | ug/L |   | 105  | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 55.88     |              | ug/L |   | 112  | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 53.45     |              | ug/L |   | 107  | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 54.23     |              | ug/L |   | 108  | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 55.15     |              | ug/L |   | 110  | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 54.42     |              | ug/L |   | 109  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 46.75     |              | ug/L |   | 93   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 54.12     |              | ug/L |   | 108  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 55.04     |              | ug/L |   | 110  | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 56.24     |              | ug/L |   | 112  | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 59.80     |              | ug/L |   | 120  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 56.56     |              | ug/L |   | 113  | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 52.14     |              | ug/L |   | 104  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 42.21     |              | ug/L |   | 84   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U *+ F1          | 50.0        | 67.80     | F1           | ug/L |   | 136  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 54.99     |              | ug/L |   | 110  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 54.30     |              | ug/L |   | 109  | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 61.63     |              | ug/L |   | 123  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115888-D-2 MS

Matrix: Water

Analysis Batch: 274817

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                   | <17.1         | U                | 1240        | 1105      |              | ug/L |   | 89   | 60 - 140    |
| Methacrylonitrile            | <2.72         | U                | 500         | 474.9     |              | ug/L |   | 95   | 70 - 130    |
| Methyl methacrylate          | <2.25         | U                | 100         | 87.13     |              | ug/L |   | 87   | 70 - 130    |
| Methyl tert-butyl ether      | <1.39         | U                | 50.0        | 47.30     |              | ug/L |   | 95   | 70 - 135    |
| Methylene Chloride           | <1.73         | U *              | 50.0        | 47.61     |              | ug/L |   | 95   | 71 - 125    |
| Propionitrile                | <3.34         | U                | 500         | 458.1     |              | ug/L |   | 92   | 70 - 130    |
| Propylbenzene                | <0.429        | U                | 50.0        | 54.49     |              | ug/L |   | 109  | 70 - 130    |
| Styrene                      | <0.619        | U                | 50.0        | 57.83     |              | ug/L |   | 116  | 70 - 130    |
| Tetrachloroethene            | <0.655        | U                | 50.0        | 52.82     |              | ug/L |   | 106  | 70 - 130    |
| Tetrahydrofuran              | <1.83         | U                | 100         | 96.06     |              | ug/L |   | 96   | 63 - 130    |
| Toluene                      | <0.475        | U                | 50.0        | 52.63     |              | ug/L |   | 105  | 70 - 130    |
| trans-1,2-Dichloroethene     | <0.368        | U                | 50.0        | 51.14     |              | ug/L |   | 102  | 70 - 130    |
| trans-1,3-Dichloropropene    | <1.27         | U                | 50.0        | 56.79     |              | ug/L |   | 114  | 70 - 130    |
| trans-1,4-Dichloro-2-butene  | <1.35         | U                | 50.0        | 55.41     |              | ug/L |   | 111  | 70 - 130    |
| Trichloroethene              | <1.50         | U                | 50.0        | 52.09     |              | ug/L |   | 104  | 70 - 135    |
| Trichlorofluoromethane       | <0.560        | U                | 50.0        | 58.76     |              | ug/L |   | 118  | 60 - 140    |
| Vinyl acetate                | <2.14         | U                | 250         | 299.2     |              | ug/L |   | 120  | 50 - 150    |
| Vinyl chloride               | <0.428        | U                | 50.0        | 53.35     |              | ug/L |   | 107  | 60 - 140    |
| Xylenes, Total               | <1.24         | U                | 100         | 110.0     |              | ug/L |   | 110  | 70 - 130    |
| m,p-Xylenes                  | <0.00124      | U                | 0.0500      | 0.05544   |              | mg/L |   | 111  | 70 - 130    |
| o-Xylene                     | <0.000502     | U                | 0.0500      | 0.05452   |              | mg/L |   | 109  | 70 - 130    |
| Surrogate                    | MS %Recovery  | MS Qualifier     | Limits      |           |              |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 103           |                  | 63 - 144    |           |              |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 99            |                  | 74 - 124    |           |              |      |   |      |             |
| Dibromofluoromethane (Surr)  | 102           |                  | 75 - 131    |           |              |      |   |      |             |
| Toluene-d8 (Surr)            | 101           |                  | 80 - 120    |           |              |      |   |      |             |

Lab Sample ID: MB 860-275028/9

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/11/25 21:18 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275028/9

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                          | MB     | MB        | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
|                                  | Result | Qualifier |      |       |      |   |          |                |         |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 21:18 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 21:18 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 21:18 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 21:18 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 21:18 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 21:18 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 21:18 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 21:18 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/11/25 21:18 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/11/25 21:18 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/11/25 21:18 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/11/25 21:18 | 1       |
| Trichlorofluoromethane           | <0.560 | U         | 1.00 | 0.560 | ug/L |   |          | 11/11/25 21:18 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275028/9

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Vinyl acetate  | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/11/25 21:18 | 1       |
| Vinyl chloride | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/11/25 21:18 | 1       |
| Xylenes, Total | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/11/25 21:18 | 1       |
| m,p-Xylenes    | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 21:18 | 1       |
| o-Xylene       | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 21:18 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109          |              | 63 - 144 |          | 11/11/25 21:18 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101          |              | 74 - 124 |          | 11/11/25 21:18 | 1       |
| Dibromofluoromethane (Surr)  | 104          |              | 75 - 131 |          | 11/11/25 21:18 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |          | 11/11/25 21:18 | 1       |

Lab Sample ID: LCS 860-275028/3

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 54.51      |               | ug/L |   | 109  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 53.71      |               | ug/L |   | 107  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 51.64      |               | ug/L |   | 103  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 56.44      |               | ug/L |   | 113  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 53.43      |               | ug/L |   | 107  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 52.86      |               | ug/L |   | 106  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 53.98      |               | ug/L |   | 108  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 50.17      |               | ug/L |   | 100  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 55.16      |               | ug/L |   | 110  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 47.78      |               | ug/L |   | 96   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 53.06      |               | ug/L |   | 106  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 56.62      |               | ug/L |   | 113  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 54.71      |               | ug/L |   | 109  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 55.68      |               | ug/L |   | 111  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 51.45      |               | ug/L |   | 103  | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 54.08      |               | ug/L |   | 108  | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 265.0      |               | ug/L |   | 106  | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 288.5      |               | ug/L |   | 115  | 60 - 140    |
| 2-Propanol                            | 500         | 555.8      |               | ug/L |   | 111  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 57.04      |               | ug/L |   | 114  | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 285.1      |               | ug/L |   | 114  | 60 - 140    |
| Acetone                               | 250         | 280.4      |               | ug/L |   | 112  | 60 - 140    |
| Acetonitrile                          | 500         | 501.6      |               | ug/L |   | 100  | 60 - 140    |
| Acrolein                              | 250         | 182.2      |               | ug/L |   | 73   | 60 - 140    |
| Acrylonitrile                         | 500         | 517.4      |               | ug/L |   | 103  | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 49.71      |               | ug/L |   | 99   | 70 - 130    |
| Benzene                               | 50.0        | 52.93      |               | ug/L |   | 106  | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 56.69      |               | ug/L |   | 113  | 65 - 135    |
| Bromoform                             | 50.0        | 57.52      |               | ug/L |   | 115  | 70 - 130    |
| Bromomethane                          | 50.0        | 56.70      |               | ug/L |   | 113  | 49 - 140    |
| Carbon disulfide                      | 50.0        | 53.61      |               | ug/L |   | 107  | 60 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275028/3

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Carbon tetrachloride        | 50.0        | 53.30      |               | ug/L |   | 107  | 70 - 130    |
| Chlorobenzene               | 50.0        | 53.28      |               | ug/L |   | 107  | 65 - 135    |
| Chlorodibromomethane        | 50.0        | 55.11      |               | ug/L |   | 110  | 70 - 130    |
| Chloroethane                | 50.0        | 53.41      |               | ug/L |   | 107  | 60 - 140    |
| Chloroform                  | 50.0        | 53.42      |               | ug/L |   | 107  | 70 - 130    |
| Chloromethane               | 50.0        | 43.67      |               | ug/L |   | 87   | 60 - 140    |
| Chloroprene                 | 50.0        | 53.43      |               | ug/L |   | 107  | 70 - 130    |
| cis-1,2-Dichloroethene      | 50.0        | 54.63      |               | ug/L |   | 109  | 70 - 130    |
| cis-1,3-Dichloropropene     | 50.0        | 57.30      |               | ug/L |   | 115  | 70 - 130    |
| Cumene (isopropylbenzene)   | 50.0        | 59.21      |               | ug/L |   | 118  | 70 - 130    |
| Cyclohexane                 | 50.0        | 53.57      |               | ug/L |   | 107  | 65 - 130    |
| Dibromomethane              | 50.0        | 54.06      |               | ug/L |   | 108  | 69 - 130    |
| Dichlorodifluoromethane     | 50.0        | 36.80      |               | ug/L |   | 74   | 50 - 150    |
| Ethyl methacrylate          | 50.0        | 69.93      | *+            | ug/L |   | 140  | 70 - 130    |
| Ethylbenzene                | 50.0        | 54.57      |               | ug/L |   | 109  | 70 - 130    |
| Hexane                      | 50.0        | 53.93      |               | ug/L |   | 108  | 65 - 140    |
| Iodomethane                 | 50.0        | 66.25      |               | ug/L |   | 133  | 50 - 150    |
| Isobutanol                  | 1240        | 1287       |               | ug/L |   | 104  | 60 - 140    |
| Methacrylonitrile           | 500         | 489.3      |               | ug/L |   | 98   | 70 - 130    |
| Methyl methacrylate         | 100         | 90.68      |               | ug/L |   | 91   | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 49.93      |               | ug/L |   | 100  | 70 - 135    |
| Methylene Chloride          | 50.0        | 53.33      |               | ug/L |   | 107  | 71 - 125    |
| Propionitrile               | 500         | 494.8      |               | ug/L |   | 99   | 70 - 130    |
| Propylbenzene               | 50.0        | 54.70      |               | ug/L |   | 109  | 70 - 130    |
| Styrene                     | 50.0        | 57.90      |               | ug/L |   | 116  | 70 - 130    |
| Tetrachloroethene           | 50.0        | 51.50      |               | ug/L |   | 103  | 70 - 130    |
| Tetrahydrofuran             | 100         | 103.4      |               | ug/L |   | 103  | 63 - 130    |
| Toluene                     | 50.0        | 52.83      |               | ug/L |   | 106  | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 55.27      |               | ug/L |   | 111  | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 58.18      |               | ug/L |   | 116  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 59.50      |               | ug/L |   | 119  | 70 - 130    |
| Trichloroethene             | 50.0        | 52.70      |               | ug/L |   | 105  | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 53.57      |               | ug/L |   | 107  | 60 - 140    |
| Vinyl acetate               | 250         | 277.8      |               | ug/L |   | 111  | 50 - 150    |
| Vinyl chloride              | 50.0        | 50.41      |               | ug/L |   | 101  | 60 - 140    |
| Xylenes, Total              | 100         | 110.2      |               | ug/L |   | 110  | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.05508    |               | mg/L |   | 110  | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.05513    |               | mg/L |   | 110  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 105           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 101           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 101           |               | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275028/4

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                       |             |             |                |      |   |      |             |     |           |
| 1,1,1,2-Tetrachloroethane             | 50.0        | 55.73       |                | ug/L |   | 111  | 70 - 130    | 2   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 55.15       |                | ug/L |   | 110  | 70 - 130    | 3   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 49.08       |                | ug/L |   | 98   | 70 - 130    | 5   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 57.32       |                | ug/L |   | 115  | 60 - 140    | 2   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 53.32       |                | ug/L |   | 107  | 70 - 130    | 0   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 55.03       |                | ug/L |   | 110  | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 54.92       |                | ug/L |   | 110  | 67 - 130    | 2   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 53.26       |                | ug/L |   | 107  | 70 - 130    | 6   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 53.32       |                | ug/L |   | 107  | 70 - 130    | 3   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 46.42       |                | ug/L |   | 93   | 59 - 130    | 3   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 52.69       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 56.84       |                | ug/L |   | 114  | 70 - 130    | 0   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 54.77       |                | ug/L |   | 110  | 70 - 130    | 0   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 53.41       |                | ug/L |   | 107  | 70 - 130    | 4   | 25        |
| 1,3-Butadiene                         | 50.0        | 53.76       |                | ug/L |   | 108  | 60 - 150    | 4   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 51.88       |                | ug/L |   | 104  | 70 - 130    | 4   | 25        |
| 2-Butanone (MEK)                      | 250         | 266.6       |                | ug/L |   | 107  | 67 - 140    | 1   | 25        |
| 2-Hexanone (MBK)                      | 250         | 287.0       |                | ug/L |   | 115  | 60 - 140    | 0   | 25        |
| 2-Propanol                            | 500         | 561.9       |                | ug/L |   | 112  | 50 - 150    | 1   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 58.64       |                | ug/L |   | 117  | 60 - 130    | 3   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 283.2       |                | ug/L |   | 113  | 60 - 140    | 1   | 25        |
| Acetone                               | 250         | 278.2       |                | ug/L |   | 111  | 60 - 140    | 1   | 25        |
| Acetonitrile                          | 500         | 510.0       |                | ug/L |   | 102  | 60 - 140    | 2   | 25        |
| Acrolein                              | 250         | 177.8       |                | ug/L |   | 71   | 60 - 140    | 2   | 25        |
| Acrylonitrile                         | 500         | 523.1       |                | ug/L |   | 105  | 60 - 140    | 1   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 47.14       |                | ug/L |   | 94   | 70 - 130    | 5   | 25        |
| Benzene                               | 50.0        | 53.56       |                | ug/L |   | 107  | 70 - 130    | 1   | 25        |
| Bromodichloromethane                  | 50.0        | 57.09       |                | ug/L |   | 114  | 65 - 135    | 1   | 25        |
| Bromoform                             | 50.0        | 57.67       |                | ug/L |   | 115  | 70 - 130    | 0   | 25        |
| Bromomethane                          | 50.0        | 59.32       |                | ug/L |   | 119  | 49 - 140    | 5   | 25        |
| Carbon disulfide                      | 50.0        | 54.36       |                | ug/L |   | 109  | 60 - 130    | 1   | 25        |
| Carbon tetrachloride                  | 50.0        | 54.15       |                | ug/L |   | 108  | 70 - 130    | 2   | 25        |
| Chlorobenzene                         | 50.0        | 53.87       |                | ug/L |   | 108  | 65 - 135    | 1   | 25        |
| Chlorodibromomethane                  | 50.0        | 55.31       |                | ug/L |   | 111  | 70 - 130    | 0   | 25        |
| Chloroethane                          | 50.0        | 56.04       |                | ug/L |   | 112  | 60 - 140    | 5   | 25        |
| Chloroform                            | 50.0        | 54.39       |                | ug/L |   | 109  | 70 - 130    | 2   | 25        |
| Chloromethane                         | 50.0        | 45.60       |                | ug/L |   | 91   | 60 - 140    | 4   | 25        |
| Chloroprene                           | 50.0        | 53.67       |                | ug/L |   | 107  | 70 - 130    | 0   | 25        |
| cis-1,2-Dichloroethene                | 50.0        | 55.99       |                | ug/L |   | 112  | 70 - 130    | 2   | 25        |
| cis-1,3-Dichloropropene               | 50.0        | 56.83       |                | ug/L |   | 114  | 70 - 130    | 1   | 25        |
| Cumene (isopropylbenzene)             | 50.0        | 59.99       |                | ug/L |   | 120  | 70 - 130    | 1   | 25        |
| Cyclohexane                           | 50.0        | 54.44       |                | ug/L |   | 109  | 65 - 130    | 2   | 25        |
| Dibromomethane                        | 50.0        | 54.16       |                | ug/L |   | 108  | 69 - 130    | 0   | 25        |
| Dichlorodifluoromethane               | 50.0        | 38.85       |                | ug/L |   | 78   | 50 - 150    | 5   | 25        |
| Ethyl methacrylate                    | 50.0        | 71.13       | *+             | ug/L |   | 142  | 70 - 130    | 2   | 25        |
| Ethylbenzene                          | 50.0        | 55.05       |                | ug/L |   | 110  | 70 - 130    | 1   | 25        |
| Hexane                                | 50.0        | 53.94       |                | ug/L |   | 108  | 65 - 140    | 0   | 25        |
| Iodomethane                           | 50.0        | 68.56       |                | ug/L |   | 137  | 50 - 150    | 3   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275028/4

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Isobutanol                  | 1240        | 1253        |                | ug/L |   | 101  | 60 - 140    | 3   | 25        |
| Methacrylonitrile           | 500         | 489.4       |                | ug/L |   | 98   | 70 - 130    | 0   | 25        |
| Methyl methacrylate         | 100         | 90.37       |                | ug/L |   | 90   | 70 - 130    | 0   | 25        |
| Methyl tert-butyl ether     | 50.0        | 50.85       |                | ug/L |   | 102  | 70 - 135    | 2   | 25        |
| Methylene Chloride          | 50.0        | 54.55       |                | ug/L |   | 109  | 71 - 125    | 2   | 25        |
| Propionitrile               | 500         | 497.2       |                | ug/L |   | 99   | 70 - 130    | 0   | 25        |
| Propylbenzene               | 50.0        | 52.84       |                | ug/L |   | 106  | 70 - 130    | 3   | 25        |
| Styrene                     | 50.0        | 58.86       |                | ug/L |   | 118  | 70 - 130    | 2   | 25        |
| Tetrachloroethene           | 50.0        | 53.35       |                | ug/L |   | 107  | 70 - 130    | 4   | 25        |
| Tetrahydrofuran             | 100         | 101.9       |                | ug/L |   | 102  | 63 - 130    | 2   | 25        |
| Toluene                     | 50.0        | 53.35       |                | ug/L |   | 107  | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 55.17       |                | ug/L |   | 110  | 70 - 130    | 0   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 58.44       |                | ug/L |   | 117  | 70 - 130    | 0   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 56.77       |                | ug/L |   | 114  | 70 - 130    | 5   | 25        |
| Trichloroethene             | 50.0        | 52.42       |                | ug/L |   | 105  | 70 - 135    | 1   | 25        |
| Trichlorofluoromethane      | 50.0        | 57.95       |                | ug/L |   | 116  | 60 - 140    | 8   | 25        |
| Vinyl acetate               | 250         | 266.6       |                | ug/L |   | 107  | 50 - 150    | 4   | 25        |
| Vinyl chloride              | 50.0        | 52.24       |                | ug/L |   | 104  | 60 - 140    | 4   | 25        |
| Xylenes, Total              | 100         | 111.6       |                | ug/L |   | 112  | 70 - 130    | 1   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05572     |                | mg/L |   | 111  | 70 - 130    | 1   | 25        |
| o-Xylene                    | 0.0500      | 0.05588     |                | mg/L |   | 112  | 70 - 130    | 1   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 105            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 101            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120 |

Lab Sample ID: 560-129492-A-1-B MS

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Matrix Spike

Prep Type: TCLP

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <12.9         | U                | 1000        | 1107      |              | ug/L |   | 111  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <11.7         | U                | 1000        | 1076      |              | ug/L |   | 108  | 70 - 130    |
| 1,1,1,2,2-Tetrachloroethane           | <9.40         | U                | 1000        | 881.4     |              | ug/L |   | 88   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <22.2         | U                | 1000        | 1116      |              | ug/L |   | 112  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <8.22         | U                | 1000        | 1076      |              | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethane                    | <12.7         | U                | 1000        | 1075      |              | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | <14.8         | U                | 1000        | 1074      |              | ug/L |   | 107  | 67 - 130    |
| 1,2,3-Trichloropropane                | <9.40         | U                | 1000        | 1067      |              | ug/L |   | 107  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <8.34         | U                | 1000        | 1081      |              | ug/L |   | 108  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <13.4         | U                | 1000        | 1016      |              | ug/L |   | 102  | 59 - 130    |
| 1,2-Dibromoethane                     | <20.0         | U                | 1000        | 1076      |              | ug/L |   | 108  | 70 - 130    |
| 1,2-Dichloroethane                    | <7.44         | U                | 1000        | 1130      |              | ug/L |   | 113  | 70 - 130    |
| 1,2-Dichloropropane                   | <11.1         | U                | 1000        | 1095      |              | ug/L |   | 110  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <8.22         | U                | 1000        | 1080      |              | ug/L |   | 108  | 70 - 130    |
| 1,3-Butadiene                         | <11.4         | U                | 1000        | 1022      |              | ug/L |   | 102  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 560-129492-A-1-B MS

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Matrix Spike

Prep Type: TCLP

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | <10.0         | U                | 1000        | 1032      |              | ug/L |   | 103  | 70 - 130    |
| 2-Butanone (MEK)                 | <166          | U                | 5000        | 5507      |              | ug/L |   | 110  | 67 - 140    |
| 2-Hexanone (MBK)                 | <100          | U                | 5000        | 6532      |              | ug/L |   | 131  | 60 - 140    |
| 2-Propanol                       | <105          | U                | 10000       | 10790     |              | ug/L |   | 108  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | <11.9         | U                | 1000        | 1029      |              | ug/L |   | 103  | 60 - 130    |
| 4-Methyl-2-pentanone             | <100          | U                | 5000        | 6423      |              | ug/L |   | 128  | 60 - 140    |
| Acetone                          | <61.3         | U                | 5000        | 5862      |              | ug/L |   | 117  | 60 - 140    |
| Acetonitrile                     | <292          | U                | 10000       | 10160     |              | ug/L |   | 102  | 60 - 140    |
| Acrolein                         | <222          | U F1             | 5000        | 490.6     | J F1         | ug/L |   | 10   | 60 - 140    |
| Acrylonitrile                    | <286          | U F1             | 10000       | 3171      | F1           | ug/L |   | 32   | 60 - 140    |
| alpha-Chlorotoluene              | <45.1         | U                | 1000        | 833.6     |              | ug/L |   | 83   | 70 - 130    |
| Benzene                          | <9.19         | U                | 1000        | 1061      |              | ug/L |   | 106  | 70 - 130    |
| Bromodichloromethane             | <11.0         | U                | 1000        | 1130      |              | ug/L |   | 113  | 65 - 135    |
| Bromoform                        | <12.7         | U                | 1000        | 1165      |              | ug/L |   | 117  | 70 - 130    |
| Bromomethane                     | <28.4         | U                | 1000        | 997.2     |              | ug/L |   | 100  | 49 - 140    |
| Carbon disulfide                 | <33.0         | U F1             | 1000        | 116.2     | F1           | ug/L |   | 12   | 60 - 130    |
| Carbon tetrachloride             | <17.9         | U                | 1000        | 1060      |              | ug/L |   | 106  | 70 - 130    |
| Chlorobenzene                    | <9.10         | U                | 1000        | 1070      |              | ug/L |   | 107  | 65 - 135    |
| Chlorodibromomethane             | <10.9         | U                | 1000        | 1113      |              | ug/L |   | 111  | 70 - 130    |
| Chloroethane                     | <39.7         | U                | 1000        | 1067      |              | ug/L |   | 107  | 60 - 140    |
| Chloroform                       | <9.28         | U                | 1000        | 1084      |              | ug/L |   | 108  | 70 - 130    |
| Chloromethane                    | <40.7         | U                | 1000        | 859.9     |              | ug/L |   | 86   | 60 - 140    |
| Chloroprene                      | <12.0         | U                | 1000        | 1023      |              | ug/L |   | 102  | 70 - 130    |
| cis-1,2-Dichloroethene           | <9.14         | U                | 1000        | 1096      |              | ug/L |   | 110  | 70 - 130    |
| cis-1,3-Dichloropropene          | <21.3         | U                | 1000        | 1068      |              | ug/L |   | 107  | 70 - 130    |
| Cumene (isopropylbenzene)        | <11.8         | U                | 1000        | 1179      |              | ug/L |   | 118  | 70 - 130    |
| Cyclohexane                      | <25.7         | U                | 1000        | 1055      |              | ug/L |   | 105  | 65 - 130    |
| Dibromomethane                   | <7.14         | U                | 1000        | 1107      |              | ug/L |   | 111  | 69 - 130    |
| Dichlorodifluoromethane          | <15.7         | U                | 1000        | 768.8     |              | ug/L |   | 77   | 50 - 150    |
| Ethyl methacrylate               | <22.4         | U *+ F1          | 1000        | 1553      | F1           | ug/L |   | 155  | 70 - 130    |
| Ethylbenzene                     | <7.70         | U                | 1000        | 1092      |              | ug/L |   | 109  | 70 - 130    |
| Hexane                           | <10.3         | U                | 1000        | 1031      |              | ug/L |   | 103  | 65 - 140    |
| Iodomethane                      | <100          | U                | 1000        | 1322      |              | ug/L |   | 132  | 50 - 150    |
| Isobutanol                       | <342          | U                | 24800       | 25340     |              | ug/L |   | 102  | 60 - 140    |
| Methacrylonitrile                | <54.3         | U                | 10000       | 10100     |              | ug/L |   | 101  | 70 - 130    |
| Methyl methacrylate              | <45.0         | U                | 2000        | 1855      |              | ug/L |   | 93   | 70 - 130    |
| Methyl tert-butyl ether          | <27.8         | U                | 1000        | 1043      |              | ug/L |   | 104  | 70 - 135    |
| Methylene Chloride               | <34.5         | U                | 1000        | 1075      |              | ug/L |   | 108  | 71 - 125    |
| Propionitrile                    | <66.8         | U                | 10000       | 9895      |              | ug/L |   | 99   | 70 - 130    |
| Propylbenzene                    | <8.58         | U                | 1000        | 1068      |              | ug/L |   | 107  | 70 - 130    |
| Styrene                          | <12.4         | U                | 1000        | 1167      |              | ug/L |   | 117  | 70 - 130    |
| Tetrachloroethene                | <13.1         | U                | 1000        | 1037      |              | ug/L |   | 104  | 70 - 130    |
| Tetrahydrofuran                  | <36.7         | U                | 2000        | 2157      |              | ug/L |   | 108  | 63 - 130    |
| Toluene                          | 33.4          |                  | 1000        | 1086      |              | ug/L |   | 105  | 70 - 130    |
| trans-1,2-Dichloroethene         | <7.36         | U                | 1000        | 1087      |              | ug/L |   | 109  | 70 - 130    |
| trans-1,3-Dichloropropene        | <25.3         | U                | 1000        | 1149      |              | ug/L |   | 115  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | <27.0         | U                | 1000        | 1109      |              | ug/L |   | 111  | 70 - 130    |
| Trichloroethene                  | <30.0         | U                | 1000        | 1181      |              | ug/L |   | 118  | 70 - 135    |
| Trichlorofluoromethane           | <11.2         | U                | 1000        | 1091      |              | ug/L |   | 109  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 560-129492-A-1-B MS

Matrix: Water

Analysis Batch: 275028

Client Sample ID: Matrix Spike

Prep Type: TCLP

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Vinyl acetate                | <42.8         | U F1             | 5000        | 1834      | F1           | ug/L |   | 37   | 50 - 150    |
| Vinyl chloride               | <8.56         | U                | 1000        | 1007      |              | ug/L |   | 101  | 60 - 140    |
| Xylenes, Total               | <24.8         | U                | 2000        | 2203      |              | ug/L |   | 110  | 70 - 130    |
| m,p-Xylenes                  | <0.0248       | U                | 1.00        | 1.105     |              | mg/L |   | 110  | 70 - 130    |
| o-Xylene                     | <0.0100       | U                | 1.00        | 1.098     |              | mg/L |   | 110  | 70 - 130    |
| Surrogate                    | MS %Recovery  | MS Qualifier     | MS Limits   |           |              |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 106           |                  | 63 - 144    |           |              |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 99            |                  | 74 - 124    |           |              |      |   |      |             |
| Dibromofluoromethane (Surr)  | 101           |                  | 75 - 131    |           |              |      |   |      |             |
| Toluene-d8 (Surr)            | 100           |                  | 80 - 120    |           |              |      |   |      |             |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chloro-3-methylphenol      | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chloroaniline              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Nitroaniline               | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acenaphthene                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acenaphthylene               | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aniline                      | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Anthracene                   | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                             | Result  | Qualifier |       |        |      |   |                |                |         |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3-Dinitrobenzene          | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Naphthoquinone          | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1-Naphthylamine             | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,6-Dichlorophenol          | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methapyriline                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachloronitrobenzene             | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenacetin                          | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Phenylene diamine                 | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pronamide                           | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Safrole, Total                      | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Sulfotepp                           | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Thionazin                           | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 83           |              | 26 - 136 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Fluorobiphenyl            | 95           |              | 39 - 130 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

Eurofins Houston



# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Surrogate              | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2-Fluorophenol (Surr)  | 100          |              | 19 - 120 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Nitrobenzene-d5 (Surr) | 95           |              | 32 - 133 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenol-d5 (Surr)       | 89           |              | 8 - 124  | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Terphenyl-d14        | 99           |              | 28 - 130 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.119      |               | ug/L |   | 90   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 5.163      |               | ug/L |   | 90   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 5.150      |               | ug/L |   | 90   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 5.071      |               | ug/L |   | 89   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 5.315      |               | ug/L |   | 93   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 5.847      |               | ug/L |   | 102  | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 5.567      |               | ug/L |   | 97   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 5.031      |               | ug/L |   | 88   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 5.614      |               | ug/L |   | 98   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 3.387      |               | ug/L |   | 59   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 3.410      | J             | ug/L |   | 60   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 4.822      |               | ug/L |   | 84   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 5.178      |               | ug/L |   | 91   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 5.119      |               | ug/L |   | 90   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 5.687      |               | ug/L |   | 100  | 33 - 149    |
| 2-Methylphenol               | 5.71        | 6.209      |               | ug/L |   | 109  | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 5.654      |               | ug/L |   | 99   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 5.106      |               | ug/L |   | 89   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 5.207      |               | ug/L |   | 91   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 3.609      |               | ug/L |   | 63   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 3.516      |               | ug/L |   | 62   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.389      |               | ug/L |   | 94   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 5.797      |               | ug/L |   | 101  | 52 - 137    |
| 4-Chloroaniline              | 5.71        | 0.7005     |               | ug/L |   | 12   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | 5.71        | 5.135      |               | ug/L |   | 90   | 53 - 134    |
| 4-Nitroaniline               | 5.71        | 5.257      |               | ug/L |   | 92   | 45 - 148    |
| Acenaphthene                 | 5.71        | 4.936      |               | ug/L |   | 86   | 48 - 136    |
| Acenaphthylene               | 5.71        | 5.243      |               | ug/L |   | 92   | 40 - 149    |
| Aniline                      | 5.71        | 0.4689     | J +           | ug/L |   | 8    | 10 - 73     |
| Anthracene                   | 5.71        | 5.353      |               | ug/L |   | 94   | 51 - 146    |
| Benzo[a]anthracene           | 5.71        | 5.214      |               | ug/L |   | 91   | 43 - 145    |
| Benzo[a]pyrene               | 5.71        | 5.346      |               | ug/L |   | 94   | 52 - 136    |
| Benzo[b]fluoranthene         | 5.71        | 5.482      |               | ug/L |   | 96   | 45 - 140    |
| Benzo[g,h,i]perylene         | 5.71        | 4.383      |               | ug/L |   | 77   | 44 - 137    |
| Benzo[k]fluoranthene         | 5.71        | 5.130      |               | ug/L |   | 90   | 37 - 140    |
| Benzyl alcohol               | 5.71        | 4.558      |               | ug/L |   | 80   | 40 - 133    |
| Bis(2-chloroethoxy)methane   | 5.71        | 5.525      |               | ug/L |   | 97   | 52 - 143    |
| Bis(2-chloroethyl)ether      | 5.71        | 5.370      |               | ug/L |   | 94   | 52 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.858      |               | ug/L |   | 85   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 5.364      |               | ug/L |   | 94   | 60 - 150    |
| Chrysene                    | 5.71        | 4.866      |               | ug/L |   | 85   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.781      |               | ug/L |   | 84   | 50 - 147    |
| Dibenzofuran                | 5.71        | 5.481      |               | ug/L |   | 96   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.948      |               | ug/L |   | 87   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 5.275      |               | ug/L |   | 92   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 5.373      |               | ug/L |   | 94   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.203      |               | ug/L |   | 91   | 55 - 150    |
| Fluoranthene                | 5.71        | 5.530      |               | ug/L |   | 97   | 50 - 144    |
| Fluorene                    | 5.71        | 5.037      |               | ug/L |   | 88   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 5.179      |               | ug/L |   | 91   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 5.131      |               | ug/L |   | 90   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 4.073      |               | ug/L |   | 71   | 24 - 150    |
| Hexachloroethane            | 5.71        | 4.951      |               | ug/L |   | 87   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.843      |               | ug/L |   | 85   | 46 - 138    |
| Isophorone                  | 5.71        | 5.287      |               | ug/L |   | 93   | 48 - 147    |
| Naphthalene                 | 5.71        | 5.035      |               | ug/L |   | 88   | 35 - 141    |
| Nitrobenzene                | 5.71        | 5.800      |               | ug/L |   | 102  | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 5.183      |               | ug/L |   | 91   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 5.289      |               | ug/L |   | 93   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 5.562      |               | ug/L |   | 97   | 33 - 150    |
| Phenanthrene                | 5.71        | 5.368      |               | ug/L |   | 94   | 54 - 141    |
| Phenol                      | 5.71        | 5.008      |               | ug/L |   | 88   | 40 - 145    |
| Pyrene                      | 5.71        | 5.329      |               | ug/L |   | 93   | 50 - 143    |
| Pyridine                    | 5.71        | <0.837     | U *           | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.913      |               | ug/L |   | 68   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.388      |               | ug/L |   | 94   | 60 - 150    |
| Acetophenone                | 5.71        | 4.322      |               | ug/L |   | 76   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 5.033      |               | ug/L |   | 88   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.979      |               | ug/L |   | 70   | 52 - 128    |
| Diphenyl ether              | 5.71        | 4.132      |               | ug/L |   | 72   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 4.132      |               | ug/L |   | 72   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 2.527      |               | ug/L |   | 44   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.170      |               | ug/L |   | 73   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 2.852      |               | ug/L |   | 50   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 4.966      |               | ug/L |   | 87   | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 4.195      |               | ug/L |   | 73   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.649      |               | ug/L |   | 29   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 4.480      |               | ug/L |   | 78   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 3.711      |               | ug/L |   | 65   | 45 - 150    |
| 2-Chlorophenol              | 5.71        | 5.572      |               | ug/L |   | 98   | 51 - 143    |
| 2-Naphthylamine             | 5.71        | 1.101      |               | ug/L |   | 19   | 17 - 130    |
| 2-Picoline                  | 5.71        | <1.03      | U *           | ug/L |   | 3    | 10 - 143    |
| 2-Toluidine                 | 5.71        | <0.424     | U *           | ug/L |   | 3    | 10 - 130    |
| 3,3'-Dichlorobenzidine      | 5.71        | 1.777      |               | ug/L |   | 31   | 10 - 128    |
| 3,3'-Dimethylbenzidine      | 5.71        | <0.295     | U *           | ug/L |   | 0.6  | 10 - 130    |
| 3-Methylcholanthrene        | 5.71        | 3.565      |               | ug/L |   | 62   | 53 - 130    |
| 4-Nitroquinoline-1-oxide    | 5.71        | 1.800      |               | ug/L |   | 31   | 20 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.106      |               | ug/L |   | 72   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.639      | J             | ug/L |   | 29   | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 2.088      |               | ug/L |   | 73   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 1.908      |               | ug/L |   | 67   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 3.236      |               | ug/L |   | 77   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 1.133      |               | ug/L |   | 76   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 4.163      |               | ug/L |   | 73   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 3.403      |               | ug/L |   | 60   | 35 - 140    |
| Isosafrole                          | 5.71        | 4.052      |               | ug/L |   | 71   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.7087     |               | ug/L |   | 78   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 3.343      |               | ug/L |   | 70   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 3.812      |               | ug/L |   | 67   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 4.261      |               | ug/L |   | 75   | 50 - 136    |
| N-Nitrosodi-n-butylamine            | 5.71        | 4.849      |               | ug/L |   | 85   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 3.866      |               | ug/L |   | 68   | 30 - 148    |
| N-Nitrosomorpholine                 | 5.71        | 4.728      |               | ug/L |   | 83   | 40 - 140    |
| N-Nitrosopyrrolidine                | 5.71        | 4.270      |               | ug/L |   | 75   | 20 - 130    |
| p-Dimethylamino azobenzene          | 5.71        | 4.064      |               | ug/L |   | 71   | 16 - 150    |
| Pentachloronitrobenzene             | 5.71        | 4.528      |               | ug/L |   | 79   | 38 - 145    |
| Phenacetin                          | 5.71        | 3.975      |               | ug/L |   | 70   | 50 - 150    |
| p-Phenylene diamine                 | 5.71        | <5.71      | U             | ug/L |   | 23   | 5 - 112     |
| Pronamide                           | 5.71        | 3.876      |               | ug/L |   | 68   | 60 - 150    |
| Safrole, Total                      | 5.71        | 4.170      |               | ug/L |   | 73   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 70            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 70            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 67            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 76            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 67            |               | 8 - 124  |
| p-Terphenyl-d14             | 70            |               | 28 - 130 |

Lab Sample ID: LCS 860-274823/4-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate                       | 2.86        | 5.963      | *+            | ug/L |   | 209  | 70 - 150    |
| Dinoseb                          | 5.71        | 9.974      | *+            | ug/L |   | 175  | 10 - 150    |
| Disulfoton                       | 2.86        | 6.415      | *+            | ug/L |   | 225  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 12.24      | *+            | ug/L |   | 428  | 70 - 150    |
| Famphur                          | 2.86        | 3.397      |               | ug/L |   | 119  | 10 - 150    |
| Methapyrilene                    | 5.71        | 4.940      |               | ug/L |   | 86   | 10 - 150    |
| Methyl parathion                 | 2.86        | 11.54      | *+            | ug/L |   | 404  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.091      |               | ug/L |   | 108  | 38 - 150    |
| Phorate                          | 2.86        | 6.244      | *+            | ug/L |   | 219  | 65 - 150    |
| Sulfotepp                        | 2.86        | 6.246      | *+            | ug/L |   | 219  | 28 - 150    |
| Thionazin                        | 2.86        | 2.868      |               | ug/L |   | 100  | 40 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate                   | LCS LCS   |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 73        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 68        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 79        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 67        |           | 8 - 124  |
| p-Terphenyl-d14             | 69        |           | 28 - 130 |

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | Spike | LCSD   | LCSD      | Unit | D | %Rec   | %Rec     | RPD | RPD |
|------------------------------|-------|--------|-----------|------|---|--------|----------|-----|-----|
|                              | Added | Result | Qualifier |      |   | Limits | Limit    |     |     |
| 1,2,4-Trichlorobenzene       | 5.71  | 5.064  |           | ug/L |   | 89     | 55 - 120 | 1   | 30  |
| 1,2-Dichlorobenzene          | 5.71  | 5.279  |           | ug/L |   | 92     | 65 - 130 | 2   | 30  |
| 1,3-Dichlorobenzene          | 5.71  | 5.216  |           | ug/L |   | 91     | 26 - 130 | 1   | 30  |
| 1,4-Dichlorobenzene          | 5.71  | 5.185  |           | ug/L |   | 91     | 60 - 150 | 2   | 30  |
| 2,2'-oxybis[1-chloropropane] | 5.71  | 5.463  |           | ug/L |   | 96     | 65 - 145 | 3   | 30  |
| 2,4,5-Trichlorophenol        | 5.71  | 6.218  |           | ug/L |   | 109    | 58 - 150 | 6   | 30  |
| 2,4,6-Trichlorophenol        | 5.71  | 5.409  |           | ug/L |   | 95     | 39 - 145 | 3   | 30  |
| 2,4-Dichlorophenol           | 5.71  | 5.186  |           | ug/L |   | 91     | 60 - 147 | 3   | 30  |
| 2,4-Dimethylphenol           | 5.71  | 5.703  |           | ug/L |   | 100    | 58 - 140 | 2   | 30  |
| 1,4-Dioxane                  | 5.71  | 3.494  |           | ug/L |   | 61     | 31 - 145 | 3   | 30  |
| 2,4-Dinitrophenol            | 5.71  | 2.874  | J         | ug/L |   | 50     | 10 - 150 | 17  | 30  |
| 2,4-Dinitrotoluene           | 5.71  | 4.955  |           | ug/L |   | 87     | 29 - 150 | 3   | 30  |
| 2,6-Dinitrotoluene           | 5.71  | 5.200  |           | ug/L |   | 91     | 55 - 150 | 0   | 30  |
| 2-Chloronaphthalene          | 5.71  | 5.000  |           | ug/L |   | 87     | 39 - 141 | 2   | 30  |
| 2-Methylnaphthalene          | 5.71  | 5.643  |           | ug/L |   | 99     | 33 - 149 | 1   | 30  |
| 2-Methylphenol               | 5.71  | 6.409  |           | ug/L |   | 112    | 49 - 140 | 3   | 30  |
| 2-Nitroaniline               | 5.71  | 5.624  |           | ug/L |   | 98     | 42 - 150 | 1   | 30  |
| 2-Nitrophenol                | 5.71  | 5.276  |           | ug/L |   | 92     | 43 - 150 | 3   | 30  |
| 3 & 4 Methylphenol           | 5.71  | 5.316  |           | ug/L |   | 93     | 39 - 142 | 2   | 30  |
| 3-Nitroaniline               | 5.71  | 3.844  |           | ug/L |   | 67     | 25 - 130 | 6   | 30  |
| 4,6-Dinitro-2-methylphenol   | 5.71  | 3.356  |           | ug/L |   | 59     | 10 - 150 | 5   | 30  |
| 4-Bromophenyl phenyl ether   | 5.71  | 5.610  |           | ug/L |   | 98     | 56 - 136 | 4   | 30  |
| 4-Chloro-3-methylphenol      | 5.71  | 5.765  |           | ug/L |   | 101    | 52 - 137 | 1   | 30  |
| 4-Chloroaniline              | 5.71  | 1.659  | *1        | ug/L |   | 29     | 10 - 95  | 81  | 30  |
| 4-Chlorophenyl phenyl ether  | 5.71  | 5.224  |           | ug/L |   | 91     | 53 - 134 | 2   | 30  |
| 4-Nitroaniline               | 5.71  | 5.294  |           | ug/L |   | 93     | 45 - 148 | 1   | 30  |
| Acenaphthene                 | 5.71  | 5.033  |           | ug/L |   | 88     | 48 - 136 | 2   | 30  |
| Acenaphthylene               | 5.71  | 5.211  |           | ug/L |   | 91     | 40 - 149 | 1   | 30  |
| Aniline                      | 5.71  | 0.6675 | J *1      | ug/L |   | 12     | 10 - 73  | 35  | 30  |
| Anthracene                   | 5.71  | 5.305  |           | ug/L |   | 93     | 51 - 146 | 1   | 30  |
| Benzo[a]anthracene           | 5.71  | 4.913  |           | ug/L |   | 86     | 43 - 145 | 6   | 30  |
| Benzo[a]pyrene               | 5.71  | 5.497  |           | ug/L |   | 96     | 52 - 136 | 3   | 30  |
| Benzo[b]fluoranthene         | 5.71  | 5.330  |           | ug/L |   | 93     | 45 - 140 | 3   | 30  |
| Benzo[g,h,i]perylene         | 5.71  | 4.410  |           | ug/L |   | 77     | 44 - 137 | 1   | 30  |
| Benzo[k]fluoranthene         | 5.71  | 5.068  |           | ug/L |   | 89     | 37 - 140 | 1   | 30  |
| Benzyl alcohol               | 5.71  | 4.812  |           | ug/L |   | 84     | 40 - 133 | 5   | 30  |
| Bis(2-chloroethoxy)methane   | 5.71  | 5.599  |           | ug/L |   | 98     | 52 - 143 | 1   | 30  |
| Bis(2-chloroethyl)ether      | 5.71  | 5.512  |           | ug/L |   | 96     | 52 - 140 | 3   | 30  |
| Bis(2-ethylhexyl) phthalate  | 5.71  | 4.601  |           | ug/L |   | 81     | 50 - 140 | 5   | 30  |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Butyl benzyl phthalate         | 5.71        | 5.241       |                | ug/L |   | 92   | 60 - 150    | 2   | 30        |
| Chrysene                       | 5.71        | 4.875       |                | ug/L |   | 85   | 47 - 137    | 0   | 30        |
| Dibenz(a,h)anthracene          | 5.71        | 4.787       |                | ug/L |   | 84   | 50 - 147    | 0   | 30        |
| Dibenzofuran                   | 5.71        | 5.591       |                | ug/L |   | 98   | 52 - 139    | 2   | 30        |
| Diethyl phthalate              | 5.71        | 5.044       |                | ug/L |   | 88   | 55 - 137    | 2   | 30        |
| Dimethyl phthalate             | 5.71        | 5.272       |                | ug/L |   | 92   | 44 - 150    | 0   | 30        |
| Di-n-butyl phthalate           | 5.71        | 5.382       |                | ug/L |   | 94   | 49 - 146    | 0   | 30        |
| Di-n-octyl phthalate           | 5.71        | 4.922       |                | ug/L |   | 86   | 55 - 150    | 6   | 30        |
| Fluoranthene                   | 5.71        | 5.637       |                | ug/L |   | 99   | 50 - 144    | 2   | 30        |
| Fluorene                       | 5.71        | 5.056       |                | ug/L |   | 88   | 54 - 136    | 0   | 30        |
| Hexachlorobenzene              | 5.71        | 5.266       |                | ug/L |   | 92   | 55 - 138    | 2   | 30        |
| Hexachlorobutadiene            | 5.71        | 5.102       |                | ug/L |   | 89   | 45 - 150    | 1   | 30        |
| Hexachlorocyclopentadiene      | 5.71        | 4.031       |                | ug/L |   | 71   | 24 - 150    | 1   | 30        |
| Hexachloroethane               | 5.71        | 5.002       |                | ug/L |   | 88   | 30 - 130    | 1   | 30        |
| Indeno[1,2,3-cd]pyrene         | 5.71        | 4.897       |                | ug/L |   | 86   | 46 - 138    | 1   | 30        |
| Isophorone                     | 5.71        | 5.391       |                | ug/L |   | 94   | 48 - 147    | 2   | 30        |
| Naphthalene                    | 5.71        | 5.072       |                | ug/L |   | 89   | 35 - 141    | 1   | 30        |
| Nitrobenzene                   | 5.71        | 5.910       |                | ug/L |   | 103  | 52 - 141    | 2   | 30        |
| N-Nitrosodi-n-propylamine      | 5.71        | 5.408       |                | ug/L |   | 95   | 41 - 137    | 4   | 30        |
| N-Nitrosodiphenylamine         | 5.71        | 5.438       |                | ug/L |   | 95   | 51 - 135    | 3   | 30        |
| Pentachlorophenol              | 5.71        | 5.562       |                | ug/L |   | 97   | 33 - 150    | 0   | 30        |
| Phenanthrene                   | 5.71        | 5.376       |                | ug/L |   | 94   | 54 - 141    | 0   | 30        |
| Phenol                         | 5.71        | 5.183       |                | ug/L |   | 91   | 40 - 145    | 3   | 30        |
| Pyrene                         | 5.71        | 5.383       |                | ug/L |   | 94   | 50 - 143    | 1   | 30        |
| Pyridine                       | 5.71        | <0.837      | U *-           | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine            | 5.71        | 3.680       |                | ug/L |   | 64   | 29 - 141    | 6   | 30        |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 5.613       |                | ug/L |   | 98   | 60 - 150    | 4   | 30        |
| Acetophenone                   | 5.71        | 4.440       |                | ug/L |   | 78   | 52 - 136    | 3   | 30        |
| N-Nitrosopiperidine            | 5.71        | 4.957       |                | ug/L |   | 87   | 36 - 148    | 2   | 30        |
| Pentachlorobenzene             | 5.71        | 4.137       |                | ug/L |   | 72   | 52 - 128    | 4   | 30        |
| Diphenyl ether                 | 5.71        | 4.175       |                | ug/L |   | 73   | 46 - 130    | 1   | 30        |
| 1,1'-Biphenyl                  | 5.71        | 4.080       |                | ug/L |   | 71   | 39 - 142    | 1   | 30        |
| 4-Aminobiphenyl                | 5.71        | 2.642       |                | ug/L |   | 46   | 10 - 115    | 4   | 30        |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 4.142       |                | ug/L |   | 72   | 46 - 125    | 1   | 30        |
| 1,3,5-Trinitrobenzene          | 5.71        | 2.947       |                | ug/L |   | 52   | 42 - 130    | 3   | 30        |
| 1,3-Dinitrobenzene             | 5.71        | 4.695       |                | ug/L |   | 82   | 65 - 150    | 6   | 30        |
| 1,4-Naphthoquinone             | 5.71        | 3.806       |                | ug/L |   | 67   | 24 - 137    | 10  | 30        |
| 1-Naphthylamine                | 5.71        | 2.158       |                | ug/L |   | 38   | 10 - 130    | 27  | 30        |
| 2,6-Dichlorophenol             | 5.71        | 4.595       |                | ug/L |   | 80   | 42 - 145    | 3   | 30        |
| 2-Acetylaminofluorene          | 5.71        | 3.643       |                | ug/L |   | 64   | 45 - 150    | 2   | 30        |
| 2-Chlorophenol                 | 5.71        | 5.616       |                | ug/L |   | 98   | 51 - 143    | 1   | 30        |
| 2-Naphthylamine                | 5.71        | 1.841       | *1             | ug/L |   | 32   | 17 - 130    | 50  | 30        |
| 2-Picoline                     | 5.71        | <1.03       | U *- *1        | ug/L |   | 5    | 10 - 143    | 40  | 30        |
| 2-Toluidine                    | 5.71        | 0.7142      | *1             | ug/L |   | 12   | 10 - 130    | 122 | 30        |
| 3,3'-Dichlorobenzidine         | 5.71        | 1.690       |                | ug/L |   | 30   | 10 - 128    | 5   | 30        |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295      | U *- *1        | ug/L |   | 1    | 10 - 130    | 76  | 30        |
| 3-Methylcholanthrene           | 5.71        | 3.604       |                | ug/L |   | 63   | 53 - 130    | 1   | 30        |
| 4-Nitroquinoline-1-oxide       | 5.71        | 1.661       |                | ug/L |   | 29   | 20 - 140    | 8   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 4.007       |                | ug/L |   | 70   | 27 - 146    | 2   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.897       | J              | ug/L |   | 33   | 5 - 150     | 15  | 30        |
| Aramite Peak 1                      | 2.86        | 2.028       |                | ug/L |   | 71   | 45 - 150    | 3   | 30        |
| Aramite Peak 2                      | 2.86        | 1.789       |                | ug/L |   | 63   | 45 - 150    | 6   | 30        |
| Diallate Peak 1                     | 4.23        | 3.126       |                | ug/L |   | 74   | 47 - 150    | 3   | 30        |
| Diallate Peak 2                     | 1.49        | 1.144       |                | ug/L |   | 77   | 53 - 142    | 1   | 30        |
| Ethyl methanesulfonate              | 5.71        | 4.202       |                | ug/L |   | 74   | 45 - 138    | 1   | 30        |
| Hexachloropropene                   | 5.71        | 3.402       |                | ug/L |   | 60   | 35 - 140    | 0   | 30        |
| Isosafrole                          | 5.71        | 4.058       |                | ug/L |   | 71   | 47 - 137    | 0   | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.6834      |                | ug/L |   | 75   | 48 - 132    | 4   | 30        |
| Isosafrole Peak 2                   | 4.80        | 3.375       |                | ug/L |   | 70   | 47 - 137    | 1   | 30        |
| Methyl methanesulfonate             | 5.71        | 4.168       |                | ug/L |   | 73   | 33 - 140    | 9   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 4.496       |                | ug/L |   | 79   | 50 - 136    | 5   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 4.851       |                | ug/L |   | 85   | 30 - 150    | 0   | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 4.390       |                | ug/L |   | 77   | 30 - 148    | 13  | 30        |
| N-Nitrosomorpholine                 | 5.71        | 4.744       |                | ug/L |   | 83   | 40 - 140    | 0   | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 4.416       |                | ug/L |   | 77   | 20 - 130    | 3   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 4.051       |                | ug/L |   | 71   | 16 - 150    | 0   | 30        |
| Pentachloronitrobenzene             | 5.71        | 4.532       |                | ug/L |   | 79   | 38 - 145    | 0   | 30        |
| Phenacetin                          | 5.71        | 4.068       |                | ug/L |   | 71   | 50 - 150    | 2   | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U *1           | ug/L |   | 16   | 5 - 112     | 32  | 30        |
| Pronamide                           | 5.71        | 3.961       |                | ug/L |   | 69   | 60 - 150    | 2   | 30        |
| Safrole, Total                      | 5.71        | 4.155       |                | ug/L |   | 73   | 70 - 130    | 0   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 72             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 72             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 83             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 71             |                | 8 - 124  |
| p-Terphenyl-d14             | 72             |                | 28 - 130 |

Lab Sample ID: LCSD 860-274823/5-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Dimethoate                       | 2.86        | 5.758       | *+             | ug/L |   | 202  | 70 - 150    | 4   | 30        |
| Dinoseb                          | 5.71        | 9.528       | *+             | ug/L |   | 167  | 10 - 150    | 5   | 30        |
| Disulfoton                       | 2.86        | 6.306       | *+             | ug/L |   | 221  | 80 - 150    | 2   | 30        |
| Ethyl Parathion                  | 2.86        | 12.07       | *+             | ug/L |   | 422  | 70 - 150    | 1   | 30        |
| Famphur                          | 2.86        | 3.372       |                | ug/L |   | 118  | 10 - 150    | 1   | 30        |
| Methapyrilene                    | 5.71        | 5.264       |                | ug/L |   | 92   | 10 - 150    | 6   | 30        |
| Methyl parathion                 | 2.86        | 11.22       | *+             | ug/L |   | 393  | 80 - 150    | 3   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.026       |                | ug/L |   | 106  | 38 - 150    | 2   | 30        |
| Phorate                          | 2.86        | 6.146       | *+             | ug/L |   | 215  | 65 - 150    | 2   | 30        |
| Sulfotepp                        | 2.86        | 5.967       | *+             | ug/L |   | 209  | 28 - 150    | 5   | 30        |
| Thionazin                        | 2.86        | 2.673       |                | ug/L |   | 94   | 40 - 140    | 7   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/5-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 64        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 65        |           | 8 - 124  |
| p-Terphenyl-d14             | 64        |           | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | MB     | MB | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|----|----------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine - RA      | <0.159 | U  | 0.571    | 0.159 | ug/L |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Surrogate                        | MB     | MB | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) - RA | 67     |    | 26 - 136 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| 2-Fluorobiphenyl - RA            | 88     |    | 39 - 130 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| 2-Fluorophenol (Surr) - RA       | 88     |    | 19 - 120 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Nitrobenzene-d5 (Surr) - RA      | 94     |    | 32 - 133 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Phenol-d5 (Surr) - RA            | 73     |    | 8 - 124  |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| p-Terphenyl-d14 - RA             | 86     | *3 | 28 - 130 |       |      |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | Spike | LCS    | LCS       | Unit | D | %Rec | %Rec     |
|----------------------------------|-------|--------|-----------|------|---|------|----------|
| N-Nitrosodimethylamine - RA      | Added | Result | Qualifier | ug/L |   | 59   | Limits   |
|                                  | 5.71  | 3.356  |           |      |   |      | 33 - 148 |
| Surrogate                        | LCS   | LCS    | Limits    |      |   |      |          |
| 2,4,6-Tribromophenol (Surr) - RA | 52    |        | 26 - 136  |      |   |      |          |
| 2-Fluorobiphenyl - RA            | 49    |        | 39 - 130  |      |   |      |          |
| 2-Fluorophenol (Surr) - RA       | 53    |        | 19 - 120  |      |   |      |          |
| Nitrobenzene-d5 (Surr) - RA      | 64    |        | 32 - 133  |      |   |      |          |
| Phenol-d5 (Surr) - RA            | 48    |        | 8 - 124   |      |   |      |          |
| p-Terphenyl-d14 - RA             | 51    |        | 28 - 130  |      |   |      |          |

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | Spike | LCSD   | LCSD      | Unit | D | %Rec | %Rec     | RPD | RPD   |
|-----------------------------|-------|--------|-----------|------|---|------|----------|-----|-------|
| N-Nitrosodimethylamine - RA | Added | Result | Qualifier | ug/L |   | 67   | Limits   | RPD | Limit |
|                             | 5.71  | 3.810  |           |      |   |      | 33 - 148 | 13  | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Surrogate                        | LCSD      |           | Limits   |
|----------------------------------|-----------|-----------|----------|
|                                  | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) - RA | 48        |           | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 52        |           | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 51        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 59        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 45        |           | 8 - 124  |
| p-Terphenyl-d14 - RA             | 50        |           | 28 - 130 |

# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

## GC/MS VOA

### Analysis Batch: 274817

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-115977-1      | MW-79                  | Total/NA  | Water  | 8260D  |            |
| 860-115977-2      | MW-86                  | Total/NA  | Water  | 8260D  |            |
| 860-115977-3      | MW-87                  | Total/NA  | Water  | 8260D  |            |
| 860-115977-4      | MW-39                  | Total/NA  | Water  | 8260D  |            |
| 860-115977-5      | MW-85                  | Total/NA  | Water  | 8260D  |            |
| MB 860-274817/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-274817/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-274817/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115888-D-2 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

### Leach Batch: 274977

| Lab Sample ID       | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------|-----------|--------|--------|------------|
| 560-129492-A-1-B MS | Matrix Spike     | TCLP      | Water  | 1311   |            |

### Analysis Batch: 275028

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-115977-6        | TB-02                  | Total/NA  | Water  | 8260D  |            |
| MB 860-275028/9     | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275028/3    | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275028/4   | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 560-129492-A-1-B MS | Matrix Spike           | TCLP      | Water  | 8260D  | 274977     |

## GC/MS Semi VOA

### Prep Batch: 274823

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-115977-1 - RA        | MW-79                  | Total/NA  | Water  | 3511   |            |
| 860-115977-1 - DL        | MW-79                  | Total/NA  | Water  | 3511   |            |
| 860-115977-1             | MW-79                  | Total/NA  | Water  | 3511   |            |
| 860-115977-2 - RA        | MW-86                  | Total/NA  | Water  | 3511   |            |
| 860-115977-2             | MW-86                  | Total/NA  | Water  | 3511   |            |
| 860-115977-3 - RA        | MW-87                  | Total/NA  | Water  | 3511   |            |
| 860-115977-3             | MW-87                  | Total/NA  | Water  | 3511   |            |
| 860-115977-4 - DL        | MW-39                  | Total/NA  | Water  | 3511   |            |
| 860-115977-4 - RA        | MW-39                  | Total/NA  | Water  | 3511   |            |
| 860-115977-4             | MW-39                  | Total/NA  | Water  | 3511   |            |
| 860-115977-5 - RA        | MW-85                  | Total/NA  | Water  | 3511   |            |
| 860-115977-5             | MW-85                  | Total/NA  | Water  | 3511   |            |
| MB 860-274823/1-A - RA   | Method Blank           | Total/NA  | Water  | 3511   |            |
| MB 860-274823/1-A        | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/2-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/4-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/3-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/5-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 275269

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 860-274823/1-A  | Method Blank       | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/2-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 274823     |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

### GC/MS Semi VOA (Continued)

#### Analysis Batch: 275269 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCS 860-274823/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 275564

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-115977-1  | MW-79            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-2  | MW-86            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-3  | MW-87            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-4  | MW-39            | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276080

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-115977-5  | MW-85            | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276600

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| MB 860-274823/1-A - RA   | Method Blank           | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276739

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-115977-1 - RA | MW-79            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-1 - DL | MW-79            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-2 - RA | MW-86            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-3 - RA | MW-87            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-4 - RA | MW-39            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-4 - DL | MW-39            | Total/NA  | Water  | 8270E  | 274823     |
| 860-115977-5 - RA | MW-85            | Total/NA  | Water  | 8270E  | 274823     |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

**Client Sample ID: MW-79**

**Date Collected: 11/05/25 08:24**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115977-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 13:47       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 68.8 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 10:23       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 68.8 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 276739       | 11/19/25 10:53       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.8 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275564       | 11/13/25 22:35       | T1S     | EET HOU |

**Client Sample ID: MW-86**

**Date Collected: 11/05/25 08:30**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115977-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 14:08       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.9 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 08:53       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275564       | 11/13/25 23:04       | T1S     | EET HOU |

**Client Sample ID: MW-87**

**Date Collected: 11/05/25 09:24**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115977-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 14:28       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 67.5 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 07:53       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 67.5 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275564       | 11/13/25 23:33       | T1S     | EET HOU |

**Client Sample ID: MW-39**

**Date Collected: 11/05/25 09:24**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115977-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 14:49       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.6 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 09:23       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.6 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 276739       | 11/19/25 09:53       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.6 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275564       | 11/14/25 00:03       | T1S     | EET HOU |

Eurofins Houston

Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

**Client Sample ID: MW-85**  
**Date Collected: 11/05/25 10:04**  
**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115977-5**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274817       | 11/11/25 15:09       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 68.7 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 08:23       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.7 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276080       | 11/15/25 09:43       | DB      | EET HOU |

**Client Sample ID: TB-02**  
**Date Collected: 11/05/25 00:00**  
**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-115977-6**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275028       | 11/11/25 22:20       | A1S     | EET HOU |

**Laboratory References:**  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-30-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-115977-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-115977-1  | MW-79            | Water  | 11/05/25 08:24 | 11/07/25 09:02 | Mississippi   |
| 860-115977-2  | MW-86            | Water  | 11/05/25 08:30 | 11/07/25 09:02 | Mississippi   |
| 860-115977-3  | MW-87            | Water  | 11/05/25 09:24 | 11/07/25 09:02 | Mississippi   |
| 860-115977-4  | MW-39            | Water  | 11/05/25 09:24 | 11/07/25 09:02 | Mississippi   |
| 860-115977-5  | MW-85            | Water  | 11/05/25 10:04 | 11/07/25 09:02 | Mississippi   |
| 860-115977-6  | TB-02            | Water  | 11/05/25 00:00 | 11/07/25 09:02 | Mississippi   |

NE Delmar

Ver. 05/06/2024

## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-115977-1

**Login Number: 115977**

**List Source: Eurofins Houston**

**List Number: 1**

**Creator: Torres, Sandra**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   | 3.3     |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 11/25/2025 2:19:02 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116013-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
11/25/2025 2:19:02 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| *3        | ISTD response or retention time outside acceptable limits.                                                     |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116013-1

**Job ID: 860-116013-1**

**Eurofins Houston**

## Job Narrative 860-116013-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/7/2025 9:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-274815 recovered outside acceptance criteria, low biased, for Chloromethane (-22%). A low level standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-274815 recovered above the upper control limit for Hexachlorobutadiene (21%) and Isopropyl alcohol (21%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-274815/2).

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-68 (860-116013-6), MW-66 (860-116013-8) and MW-64 (860-116013-12). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: DUPE-03 (860-116013-9). Elevated reporting limits (RLs) are provided.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-275131 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275269 recovered above the upper control limit for Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275269/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276080 recovered above the upper control limit for 2,4,5-Trichlorophenol, Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276080/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275269 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate and Sulfotepp. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275269/3).

Eurofins Houston

## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### Job ID: 860-116013-1 (Continued)

Eurofins Houston

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: 2-Picoline, 2-Toluidine, 3,3'-Dimethylbenzidine, Aniline, and Pyridine. These analytes have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analytes. These results have been reported and qualified.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate and Sulfotepp. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274823 and analytical batch 860-275269 recovered outside control limits for the following analytes: 2-Naphthylamine, 4-Chloroaniline, Aniline and p-Phenylene diamine.

Method 8270E\_QQQ: Internal standard (ISTD) Chrysene-d12, Perylene-d12, and Phenanthrene-d10 responses for the following sample in analytical batch 860-276600 was outside acceptance criteria (biased low): (MB 860-274823/1-A). These ISTD correspond to the requested target compounds reported from this analytical batch were non-detected; therefore, the data have been reported.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for 2-Acetylaminofluorene, Aramite Peak 1, Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275931/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275931/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275822 recovered above the upper control limit for 2-Fluorophenol (Surr) and Hexachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275822/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276080 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276080/3).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276619 recovered above the upper control limit for 2-Fluorophenol (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276619/2).

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-68 (860-116013-6), MW-66 (860-116013-8), DUPE-03 (860-116013-9) and MW-64 (860-116013-12). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-68 (860-116013-6) and MW-64 (860-116013-12). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: Internal standard (ISTD) response for Chrysene-d12 and Perylene-d12 for the following samples in analytical batch 860-276926 was outside acceptance criteria: MW-66 (860-116013-8) and MW-64 (860-116013-12). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Eurofins Houston

## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### Job ID: 860-116013-1 (Continued)

Eurofins Houston

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-66 (860-116013-8) and DUPE-03 (860-116013-9). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-277276 recovered above the upper control limit for Phenol-d5 and 2-Fluorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-277276/2).

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-67 (860-116013-5). These results have been reported and qualified.

Method 8270E\_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-67 (860-116013-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### Client Sample ID: MW-71

Lab Sample ID: 860-116013-1

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Di-n-butyl phthalate | 0.768  | J         | 1.15 | 0.662 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-70

Lab Sample ID: 860-116013-2

| Analyte                   | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 2-Hexanone (MBK)          | 6.97   | J         | 50.0  | 5.00  | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene             | 0.770  | J         | 1.00  | 0.455 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene       | 0.171  | J         | 0.572 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| Di-n-butyl phthalate      | 0.702  | J         | 1.14  | 0.661 | ug/L | 1       |   | 8270E  | Total/NA  |
| Di-n-octyl phthalate - RA | 0.812  | J *       | 1.14  | 0.286 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-65

Lab Sample ID: 860-116013-3

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Di-n-butyl phthalate | 0.829  | J         | 1.15 | 0.666 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-72

Lab Sample ID: 860-116013-4

No Detections.

### Client Sample ID: MW-67

Lab Sample ID: 860-116013-5

| Analyte                   | Result  | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|---------|-----------|---------|----------|------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene    | 2.33    |           | 1.00    | 0.417    | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,3,5-Trimethylbenzene    | 1.21    |           | 1.00    | 0.411    | ug/L | 1       |   | 8260D  | Total/NA  |
| Benzene                   | 139     |           | 1.00    | 0.460    | ug/L | 1       |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene) | 15.9    |           | 1.00    | 0.592    | ug/L | 1       |   | 8260D  | Total/NA  |
| Cyclohexane               | 109     |           | 5.00    | 1.29     | ug/L | 1       |   | 8260D  | Total/NA  |
| Ethylbenzene              | 19.0    |           | 1.00    | 0.385    | ug/L | 1       |   | 8260D  | Total/NA  |
| Hexane                    | 3.81    | J         | 5.00    | 0.517    | ug/L | 1       |   | 8260D  | Total/NA  |
| Propylbenzene             | 22.3    |           | 1.00    | 0.429    | ug/L | 1       |   | 8260D  | Total/NA  |
| Toluene                   | 3.44    |           | 1.00    | 0.475    | ug/L | 1       |   | 8260D  | Total/NA  |
| Xylenes, Total            | 22.4    |           | 2.00    | 1.24     | ug/L | 1       |   | 8260D  | Total/NA  |
| m,p-Xylenes               | 0.0198  |           | 0.00200 | 0.00124  | mg/L | 1       |   | 8260D  | Total/NA  |
| o-Xylene                  | 0.00261 |           | 0.00100 | 0.000502 | mg/L | 1       |   | 8260D  | Total/NA  |
| 2,4-Dimethylphenol        | 0.128   | J I       | 0.570   | 0.112    | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Toluidine               | 0.665   | *- *1     | 0.570   | 0.423    | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene - DL  | 34.8    | J         | 57.0    | 10.9     | ug/L | 100     |   | 8270E  | Total/NA  |
| Naphthalene - DL          | 200     |           | 57.0    | 11.4     | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-68

Lab Sample ID: 860-116013-6

| Analyte                   | Result | Qualifier | RL     | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene    | 123    |           | 10.0   | 4.17   | ug/L | 10      |   | 8260D  | Total/NA  |
| 1,3,5-Trimethylbenzene    | 37.8   |           | 10.0   | 4.11   | ug/L | 10      |   | 8260D  | Total/NA  |
| Benzene                   | 766    |           | 10.0   | 4.60   | ug/L | 10      |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene) | 19.4   |           | 10.0   | 5.92   | ug/L | 10      |   | 8260D  | Total/NA  |
| Cyclohexane               | 171    |           | 50.0   | 12.9   | ug/L | 10      |   | 8260D  | Total/NA  |
| Ethylbenzene              | 270    |           | 10.0   | 3.85   | ug/L | 10      |   | 8260D  | Total/NA  |
| Hexane                    | 5.65   | J         | 50.0   | 5.17   | ug/L | 10      |   | 8260D  | Total/NA  |
| Propylbenzene             | 31.3   |           | 10.0   | 4.29   | ug/L | 10      |   | 8260D  | Total/NA  |
| Toluene                   | 18.8   |           | 10.0   | 4.75   | ug/L | 10      |   | 8260D  | Total/NA  |
| Xylenes, Total            | 361    |           | 20.0   | 12.4   | ug/L | 10      |   | 8260D  | Total/NA  |
| m,p-Xylenes               | 0.355  |           | 0.0200 | 0.0124 | mg/L | 10      |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston



## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### Client Sample ID: MW-68 (Continued)

Lab Sample ID: 860-116013-6

| Analyte                  | Result  | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|--------------------------|---------|-----------|--------|---------|------|---------|---|--------|-----------|
| o-Xylene                 | 0.00624 | J         | 0.0100 | 0.00502 | mg/L | 10      |   | 8260D  | Total/NA  |
| 2,4-Dimethylphenol       | 1.07    |           | 0.567  | 0.111   | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                   | 1.33    | I         | 1.13   | 0.503   | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene - DL | 60.0    |           | 56.7   | 10.8    | ug/L | 100     |   | 8270E  | Total/NA  |
| Naphthalene - DL         | 343     |           | 56.7   | 11.3    | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: RB-03

Lab Sample ID: 860-116013-7

No Detections.

### Client Sample ID: MW-66

Lab Sample ID: 860-116013-8

| Analyte                   | Result | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|--------|---------|------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene    | 183    |           | 10.0   | 4.17    | ug/L | 10      |   | 8260D  | Total/NA  |
| 1,3,5-Trimethylbenzene    | 55.6   |           | 10.0   | 4.11    | ug/L | 10      |   | 8260D  | Total/NA  |
| Benzene                   | 1620   |           | 10.0   | 4.60    | ug/L | 10      |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene) | 21.5   |           | 10.0   | 5.92    | ug/L | 10      |   | 8260D  | Total/NA  |
| Cyclohexane               | 193    |           | 50.0   | 12.9    | ug/L | 10      |   | 8260D  | Total/NA  |
| Ethylbenzene              | 324    |           | 10.0   | 3.85    | ug/L | 10      |   | 8260D  | Total/NA  |
| Hexane                    | 24.1   | J         | 50.0   | 5.17    | ug/L | 10      |   | 8260D  | Total/NA  |
| Propylbenzene             | 30.3   |           | 10.0   | 4.29    | ug/L | 10      |   | 8260D  | Total/NA  |
| Toluene                   | 42.4   |           | 10.0   | 4.75    | ug/L | 10      |   | 8260D  | Total/NA  |
| Xylenes, Total            | 458    |           | 20.0   | 12.4    | ug/L | 10      |   | 8260D  | Total/NA  |
| m,p-Xylenes               | 0.441  |           | 0.0200 | 0.0124  | mg/L | 10      |   | 8260D  | Total/NA  |
| o-Xylene                  | 0.0174 |           | 0.0100 | 0.00502 | mg/L | 10      |   | 8260D  | Total/NA  |
| 2,4-Dimethylphenol        | 0.750  |           | 0.562  | 0.110   | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol            | 0.261  | J         | 0.562  | 0.107   | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether            | 7.19   |           | 0.562  | 0.0994  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl             | 2.15   |           | 0.562  | 0.111   | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,6-Dichlorophenol        | 0.150  | J         | 0.562  | 0.0956  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene - DL  | 56.0   | J         | 56.2   | 10.7    | ug/L | 100     |   | 8270E  | Total/NA  |
| Naphthalene - DL          | 268    |           | 56.2   | 11.2    | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: DUPE-03

Lab Sample ID: 860-116013-9

| Analyte                   | Result | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|---------|----------|------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene    | 168    |           | 1.00    | 0.417    | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,3,5-Trimethylbenzene    | 50.3   |           | 1.00    | 0.411    | ug/L | 1       |   | 8260D  | Total/NA  |
| Carbon disulfide          | 5.98   |           | 5.00    | 1.65     | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene             | 0.952  | J         | 1.00    | 0.455    | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroform                | 23.9   |           | 1.00    | 0.464    | ug/L | 1       |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene) | 21.2   |           | 1.00    | 0.592    | ug/L | 1       |   | 8260D  | Total/NA  |
| Cyclohexane               | 178    |           | 5.00    | 1.29     | ug/L | 1       |   | 8260D  | Total/NA  |
| Hexane                    | 21.1   |           | 5.00    | 0.517    | ug/L | 1       |   | 8260D  | Total/NA  |
| Propylbenzene             | 26.8   |           | 1.00    | 0.429    | ug/L | 1       |   | 8260D  | Total/NA  |
| Toluene                   | 36.8   |           | 1.00    | 0.475    | ug/L | 1       |   | 8260D  | Total/NA  |
| o-Xylene                  | 0.0155 |           | 0.00100 | 0.000502 | mg/L | 1       |   | 8260D  | Total/NA  |
| Benzene - DL              | 1550   |           | 20.0    | 9.19     | ug/L | 20      |   | 8260D  | Total/NA  |
| Ethylbenzene - DL         | 286    |           | 20.0    | 7.70     | ug/L | 20      |   | 8260D  | Total/NA  |
| Xylenes, Total - DL       | 415    |           | 40.0    | 24.8     | ug/L | 20      |   | 8260D  | Total/NA  |
| m,p-Xylenes - DL          | 0.398  |           | 0.0400  | 0.0248   | mg/L | 20      |   | 8260D  | Total/NA  |
| 2,4-Dimethylphenol        | 0.727  |           | 0.572   | 0.112    | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol            | 0.236  | J         | 0.572   | 0.109    | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### Client Sample ID: DUPE-03 (Continued)

Lab Sample ID: 860-116013-9

| Analyte                  | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|--------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Isophorone               | 0.314  | J I       | 0.572 | 0.106  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether           | 6.08   |           | 0.572 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl            | 1.93   |           | 0.572 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,6-Dichlorophenol       | 0.143  | J         | 0.572 | 0.0974 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene - DL | 48.7   | J         | 57.2  | 10.9   | ug/L | 100     |   | 8270E  | Total/NA  |
| Naphthalene - DL         | 240    |           | 57.2  | 11.4   | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-69

Lab Sample ID: 860-116013-10

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 2-Methylnaphthalene | 1.11   |           | 0.571 | 0.109 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene        | 0.129  | J         | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene         | 1.25   |           | 0.571 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol              | 7.61   |           | 1.14  | 0.506 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: FB-03

Lab Sample ID: 860-116013-11

| Analyte                   | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Cumene (isopropylbenzene) | 5.14   |           | 1.00 | 0.592 | ug/L | 1       |   | 8260D  | Total/NA  |
| Cyclohexane               | 9.69   |           | 5.00 | 1.29  | ug/L | 1       |   | 8260D  | Total/NA  |
| Propylbenzene             | 2.58   |           | 1.00 | 0.429 | ug/L | 1       |   | 8260D  | Total/NA  |

### Client Sample ID: MW-64

Lab Sample ID: 860-116013-12

| Analyte                   | Result  | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|---------|-----------|--------|---------|------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene    | 21.5    |           | 10.0   | 4.17    | ug/L | 10      |   | 8260D  | Total/NA  |
| 1,3,5-Trimethylbenzene    | 11.6    |           | 10.0   | 4.11    | ug/L | 10      |   | 8260D  | Total/NA  |
| Benzene                   | 1260    |           | 10.0   | 4.60    | ug/L | 10      |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene) | 48.7    |           | 10.0   | 5.92    | ug/L | 10      |   | 8260D  | Total/NA  |
| Cyclohexane               | 289     |           | 50.0   | 12.9    | ug/L | 10      |   | 8260D  | Total/NA  |
| Ethylbenzene              | 190     |           | 10.0   | 3.85    | ug/L | 10      |   | 8260D  | Total/NA  |
| Hexane                    | 8.04    | J         | 50.0   | 5.17    | ug/L | 10      |   | 8260D  | Total/NA  |
| Propylbenzene             | 78.1    |           | 10.0   | 4.29    | ug/L | 10      |   | 8260D  | Total/NA  |
| Toluene                   | 34.3    |           | 10.0   | 4.75    | ug/L | 10      |   | 8260D  | Total/NA  |
| Xylenes, Total            | 108     |           | 20.0   | 12.4    | ug/L | 10      |   | 8260D  | Total/NA  |
| m,p-Xylenes               | 0.100   |           | 0.0200 | 0.0124  | mg/L | 10      |   | 8260D  | Total/NA  |
| o-Xylene                  | 0.00781 | J         | 0.0100 | 0.00502 | mg/L | 10      |   | 8260D  | Total/NA  |
| 2,4-Dimethylphenol        | 0.488   | J         | 0.574  | 0.112   | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                    | 1.43    |           | 1.15   | 0.509   | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether            | 2.37    | I         | 0.574  | 0.101   | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl             | 0.595   |           | 0.574  | 0.114   | ug/L | 1       |   | 8270E  | Total/NA  |
| N-Nitrosodimethylamine    | 0.165   | J         | 0.574  | 0.160   | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene - DL  | 91.3    |           | 57.4   | 10.9    | ug/L | 100     |   | 8270E  | Total/NA  |
| Naphthalene - DL          | 397     |           | 57.4   | 11.5    | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: TB-03

Lab Sample ID: 860-116013-13

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-71

Lab Sample ID: 860-116013-1

Date Collected: 11/05/25 10:54

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 12:01 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 12:01 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 12:01 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 12:01 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 12:01 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 12:01 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 12:01 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 12:01 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 12:01 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 12:01 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-71

Lab Sample ID: 860-116013-1

Date Collected: 11/05/25 10:54

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 12:01 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 12:01 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 12:01 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 12:01 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 12:01 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 12:01 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 12:01 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 12:01 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 12:01 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 12:01 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 12:01 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 12:01 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 63 - 144 |          | 11/11/25 12:01 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 74 - 124 |          | 11/11/25 12:01 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 75 - 131 |          | 11/11/25 12:01 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 11/11/25 12:01 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.573 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.573 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.87  | 1.85   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.573 | 0.432  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.573 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.573 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.573 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.573 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.73  | 1.39   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,4-Dinitrotoluene           | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,6-Dinitrotoluene           | <0.274  | U         | 0.573 | 0.274  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.573 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.573 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.573 | 0.138  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 3 & 4 Methylphenol           | <0.0947 | U         | 0.573 | 0.0947 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.15  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-71

Lab Sample ID: 860-116013-1

Date Collected: 11/05/25 10:54

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 4-Chloroaniline             | <0.0884 | U *1      | 0.573 | 0.0884 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0957 | U         | 0.573 | 0.0957 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Acenaphthene                | <0.102  | U         | 0.573 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Aniline                     | <0.451  | U *- *1   | 1.15  | 0.451  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Anthracene                  | <0.104  | U         | 0.573 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U         | 0.573 | 0.0906 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.573 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Benzyl alcohol              | <0.225  | U         | 2.87  | 0.225  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.15  | 0.337  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Chrysene                    | <0.0968 | U         | 0.573 | 0.0968 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U         | 0.115 | 0.0853 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.15  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Di-n-butyl phthalate        | 0.768   | J         | 1.15  | 0.662  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Di-n-octyl phthalate        | <0.286  | U *-      | 1.15  | 0.286  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Fluoranthene                | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Fluorene                    | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.573 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.573 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Isophorone                  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Naphthalene                 | <0.115  | U         | 0.573 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.573 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.573 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.573 | 0.313  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Phenanthrene                | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Phenol                      | <0.508  | U         | 1.15  | 0.508  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Pyrene                      | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Pyridine                    | <0.839  | U *-      | 2.87  | 0.839  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitro-o-toluidine         | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Acetophenone                | <0.139  | U *-      | 1.15  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosopiperidine         | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-71

Lab Sample ID: 860-116013-1

Date Collected: 11/05/25 10:54

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                     | <0.114  | U         | 0.573 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 4-Aminobiphenyl                   | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,2,4,5-Tetrachlorobenzene        | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,3,5-Trinitrobenzene             | <0.655  | U *1      | 1.15  | 0.655  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,3-Dinitrobenzene                | <0.589  | U         | 1.15  | 0.589  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1,4-Naphthoquinone                | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 1-Naphthylamine                   | <0.270  | U         | 0.573 | 0.270  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2,6-Dichlorophenol                | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Acetylaminofluorene             | <1.71   | U *-      | 2.87  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Chlorophenol                    | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Naphthylamine                   | <0.413  | U *1      | 0.573 | 0.413  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Picoline                        | <1.03   | U *- *1   | 1.15  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Toluidine                       | <0.426  | U *- *1   | 0.573 | 0.426  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 3,3'-Dichlorobenzidine            | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 3,3'-Dimethylbenzidine            | <0.296  | U *- *1   | 0.573 | 0.296  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 3-Methylcholanthrene              | <0.0884 | U *-      | 0.573 | 0.0884 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.638  | U         | 1.15  | 0.638  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.128  | U         | 0.573 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Aramite Peak 1                    | <0.184  | U *-      | 0.573 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Aramite Peak 2                    | <0.203  | U *-      | 0.573 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Aramite, Total                    | <0.184  | U *-      | 0.573 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Diallate                          | <0.0300 | U *-      | 0.573 | 0.0300 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Diallate Peak 1                   | <0.0750 | U *-      | 0.573 | 0.0750 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Diallate Peak 2                   | <0.0300 | U *-      | 0.573 | 0.0300 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Dimethoate                        | <0.500  | U **      | 2.87  | 0.500  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Dinoseb                           | <0.678  | U **      | 2.87  | 0.678  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Disulfoton                        | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Ethyl methanesulfonate            | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Ethyl Parathion                   | <0.627  | U **      | 1.15  | 0.627  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Famphur                           | <0.259  | U         | 1.15  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Hexachloropropene                 | <0.573  | U         | 0.573 | 0.573  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Isosafrole                        | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Isosafrole Peak 1                 | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Isosafrole Peak 2                 | <0.0988 | U         | 0.573 | 0.0988 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Methapyrilene                     | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Methyl methanesulfonate           | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Methyl parathion                  | <2.77   | U **      | 2.87  | 2.77   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosodiethylamine             | <0.675  | U *-      | 1.15  | 0.675  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosodimethylamine            | <0.160  | U         | 0.573 | 0.160  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosodi-n-butylamine          | <0.726  | U         | 1.15  | 0.726  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosomethylethylamine         | <0.703  | U         | 1.15  | 0.703  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosomorpholine               | <0.715  | U         | 1.15  | 0.715  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.133  | U         | 0.573 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| p-Dimethylamino azobenzene        | <0.155  | U         | 0.573 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Pentachloronitrobenzene           | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Phenacetin                        | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Phorate                           | <2.62   | U **      | 5.73  | 2.62   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| p-Phenylene diamine               | <5.73   | U *1      | 5.73  | 5.73   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-71

Lab Sample ID: 860-116013-1

Date Collected: 11/05/25 10:54

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pronamide      | <0.135  | U *-      | 0.573 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Safrole, Total | <0.0923 | U *-      | 0.573 | 0.0923 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Sulfotepp      | <0.472  | U **      | 1.15  | 0.472  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Thionazin      | <0.341  | U         | 1.15  | 0.341  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:11 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 26 - 136 | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Fluorobiphenyl            | 80        |           | 39 - 130 | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Nitrobenzene-d5 (Surr)      | 79        |           | 32 - 133 | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/11/25 08:31 | 11/15/25 11:11 | 1       |
| p-Terphenyl-d14             | 85        |           | 28 - 130 | 11/11/25 08:31 | 11/15/25 11:11 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.46  | U *-      | 5.73 | 1.46 | ug/L |   | 11/11/25 08:31 | 11/18/25 20:58 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 76        |           | 26 - 136 | 11/11/25 08:31 | 11/18/25 20:58 | 1       |
| 2-Fluorobiphenyl            | 79        |           | 39 - 130 | 11/11/25 08:31 | 11/18/25 20:58 | 1       |
| 2-Fluorophenol (Surr)       | 38        |           | 19 - 120 | 11/11/25 08:31 | 11/18/25 20:58 | 1       |
| Nitrobenzene-d5 (Surr)      | 84        |           | 32 - 133 | 11/11/25 08:31 | 11/18/25 20:58 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/11/25 08:31 | 11/18/25 20:58 | 1       |
| p-Terphenyl-d14             | 83        |           | 28 - 130 | 11/11/25 08:31 | 11/18/25 20:58 | 1       |

Client Sample ID: MW-70

Lab Sample ID: 860-116013-2

Date Collected: 11/05/25 11:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 12:22 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 12:22 | 1       |
| 2-Hexanone (MBK)                      | 6.97   | J         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 12:22 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 12:22 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 12:22 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-70

Lab Sample ID: 860-116013-2

Date Collected: 11/05/25 11:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| 4-Methyl-2-pentanone        | <5.00     | U         | 50.0    | 5.00     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Acetone                     | <3.07     | U         | 100     | 3.07     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Acetonitrile                | <14.6     | U         | 100     | 14.6     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Acrolein                    | <11.1     | U         | 50.0    | 11.1     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/11/25 12:22 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Chlorobenzene               | 0.770     | J         | 1.00    | 0.455    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/11/25 12:22 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/11/25 12:22 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 12:22 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 12:22 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 12:22 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 12:22 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 12:22 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 12:22 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 12:22 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 12:22 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-70

Lab Sample ID: 860-116013-2

Date Collected: 11/05/25 11:08

Matrix: Water

Date Received: 11/07/25 09:02

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 63 - 144 |          | 11/11/25 12:22 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          | 11/11/25 12:22 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/11/25 12:22 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 80 - 120 |          | 11/11/25 12:22 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121       | U         | 0.572 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| <b>1,2-Dichlorobenzene</b>   | <b>0.171</b> | <b>J</b>  | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,3-Dichlorobenzene          | <0.108       | U         | 0.572 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,4-Dichlorobenzene          | <0.110       | U         | 0.572 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85        | U         | 2.86  | 1.85   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,4,5-Trichlorophenol        | <0.432       | U         | 0.572 | 0.432  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,4,6-Trichlorophenol        | <0.117       | U         | 0.572 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,4-Dichlorophenol           | <0.126       | U         | 0.572 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,4-Dimethylphenol           | <0.112       | U         | 0.572 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,4-Dioxane                  | <0.105       | U         | 0.572 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,4-Dinitrophenol            | <1.38        | U         | 5.72  | 1.38   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,4-Dinitrotoluene           | <0.514       | U         | 1.14  | 0.514  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,6-Dinitrotoluene           | <0.273       | U         | 0.572 | 0.273  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Chloronaphthalene          | <0.118       | U         | 0.572 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Methylnaphthalene          | <0.109       | U         | 0.572 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Methylphenol               | <0.109       | U         | 0.572 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Nitroaniline               | <0.158       | U         | 0.572 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Nitrophenol                | <0.137       | U         | 0.572 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 3 & 4 Methylphenol           | <0.0945      | U         | 0.572 | 0.0945 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 3-Nitroaniline               | <0.223       | U         | 1.14  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23        | U         | 2.86  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106       | U         | 0.572 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4-Chloro-3-methylphenol      | <0.119       | U         | 0.572 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4-Chloroaniline              | <0.0882      | U *1      | 0.572 | 0.0882 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0955      | U         | 0.572 | 0.0955 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4-Nitroaniline               | <0.271       | U         | 1.14  | 0.271  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Acenaphthene                 | <0.101       | U         | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Acenaphthylene               | <0.125       | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Aniline                      | <0.451       | U * - *1  | 1.14  | 0.451  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Anthracene                   | <0.104       | U         | 0.572 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Benzo[a]anthracene           | <0.127       | U         | 0.286 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Benzo[a]pyrene               | <0.107       | U         | 0.286 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Benzo[b]fluoranthene         | <0.124       | U         | 0.572 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Benzo[g,h,i]perylene         | <0.0904      | U         | 0.572 | 0.0904 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Benzo[k]fluoranthene         | <0.123       | U         | 0.572 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Benzyl alcohol               | <0.225       | U         | 2.86  | 0.225  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Bis(2-chloroethoxy)methane   | <0.108       | U         | 0.572 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Bis(2-chloroethyl)ether      | <0.107       | U         | 0.572 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.572       | U         | 1.14  | 0.572  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Butyl benzyl phthalate       | <0.337       | U         | 1.14  | 0.337  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Chrysene                     | <0.0967      | U         | 0.572 | 0.0967 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Dibenz(a,h)anthracene        | <0.0852      | U         | 0.114 | 0.0852 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Dibenzofuran                 | <0.112       | U         | 0.572 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-70

Lab Sample ID: 860-116013-2

Date Collected: 11/05/25 11:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diethyl phthalate              | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Dimethyl phthalate             | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Di-n-butyl phthalate           | 0.702   | J         | 1.14  | 0.661  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Fluoranthene                   | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Fluorene                       | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Hexachlorobenzene              | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Hexachlorobutadiene            | <0.162  | U         | 0.572 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Hexachlorocyclopentadiene      | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Hexachloroethane               | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Isophorone                     | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Naphthalene                    | <0.114  | U         | 0.572 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Nitrobenzene                   | <0.153  | U         | 0.572 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosodi-n-propylamine      | <0.148  | U         | 0.572 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosodiphenylamine         | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Pentachlorophenol              | <0.312  | U         | 0.572 | 0.312  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Phenanthrene                   | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Phenol                         | <0.507  | U         | 1.14  | 0.507  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Pyrene                         | <0.129  | U         | 0.572 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Pyridine                       | <0.838  | U *       | 2.86  | 0.838  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitro-o-toluidine            | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.254  | U         | 0.572 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Acetophenone                   | <0.139  | U *       | 1.14  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosopiperidine            | <0.632  | U         | 1.14  | 0.632  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Pentachlorobenzene             | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Diphenyl ether                 | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,1'-Biphenyl                  | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4-Aminobiphenyl                | <0.195  | U         | 0.572 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115  | U         | 0.572 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,3,5-Trinitrobenzene          | <0.654  | U *1      | 1.14  | 0.654  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,3-Dinitrobenzene             | <0.588  | U         | 1.14  | 0.588  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1,4-Naphthoquinone             | <0.0613 | U         | 0.572 | 0.0613 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 1-Naphthylamine                | <0.270  | U         | 0.572 | 0.270  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2,6-Dichlorophenol             | <0.0974 | U         | 0.572 | 0.0974 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Acetylaminofluorene          | <1.71   | U *       | 2.86  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Chlorophenol                 | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Naphthylamine                | <0.412  | U *1      | 0.572 | 0.412  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Picoline                     | <1.03   | U * *1    | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Toluidine                    | <0.425  | U * *1    | 0.572 | 0.425  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 3,3'-Dichlorobenzidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295  | U * *1    | 0.572 | 0.295  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 3-Methylcholanthrene           | <0.0883 | U *       | 0.572 | 0.0883 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.637  | U         | 1.14  | 0.637  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128  | U         | 0.572 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Aramite Peak 1                 | <0.184  | U *       | 0.572 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Aramite Peak 2                 | <0.203  | U *       | 0.572 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Aramite, Total                 | <0.184  | U *       | 0.572 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Diallate                       | <0.0299 | U *       | 0.572 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Diallate Peak 1                | <0.0749 | U *       | 0.572 | 0.0749 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-70

Lab Sample ID: 860-116013-2

Date Collected: 11/05/25 11:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate Peak 2                  | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Dimethoate                       | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Dinoseb                          | <0.677  | U **      | 2.86  | 0.677  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Disulfoton                       | <2.16   | U **      | 2.86  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Ethyl methanesulfonate           | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Ethyl Parathion                  | <0.626  | U **      | 1.14  | 0.626  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Famphur                          | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Hexachloropropene                | <0.572  | U         | 0.572 | 0.572  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Isosafrole                       | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Isosafrole Peak 1                | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Isosafrole Peak 2                | <0.0986 | U         | 0.572 | 0.0986 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Methapyrilene                    | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Methyl methanesulfonate          | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Methyl parathion                 | <2.77   | U **      | 2.86  | 2.77   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosodiethylamine            | <0.674  | U *-      | 1.14  | 0.674  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.572 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosodi-n-butylamine         | <0.725  | U         | 1.14  | 0.725  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosomethylethylamine        | <0.702  | U         | 1.14  | 0.702  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosomorpholine              | <0.714  | U         | 1.14  | 0.714  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.572 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Pentachloronitrobenzene          | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Phenacetin                       | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Phorate                          | <2.61   | U **      | 5.72  | 2.61   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| p-Phenylene diamine              | <5.72   | U *1      | 5.72  | 5.72   | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Pronamide                        | <0.134  | U *-      | 0.572 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Safrole, Total                   | <0.0922 | U *-      | 0.572 | 0.0922 | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Sulfotepp                        | <0.472  | U **      | 1.14  | 0.472  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Thionazin                        | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/11/25 08:31 | 11/15/25 11:40 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 84        |           | 26 - 136 | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Fluorobiphenyl            | 92        |           | 39 - 130 | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| 2-Fluorophenol (Surr)       | 52        |           | 19 - 120 | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| Phenol-d5 (Surr)            | 31        |           | 8 - 124  | 11/11/25 08:31 | 11/15/25 11:40 | 1       |
| p-Terphenyl-d14             | 93        |           | 28 - 130 | 11/11/25 08:31 | 11/15/25 11:40 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Di-n-octyl phthalate                | 0.812  | J *-      | 1.14 | 0.286 | ug/L |   | 11/11/25 08:31 | 11/18/25 21:28 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U *-      | 5.72 | 1.45  | ug/L |   | 11/11/25 08:31 | 11/18/25 21:28 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 98        |           | 26 - 136 | 11/11/25 08:31 | 11/18/25 21:28 | 1       |
| 2-Fluorobiphenyl            | 94        |           | 39 - 130 | 11/11/25 08:31 | 11/18/25 21:28 | 1       |
| 2-Fluorophenol (Surr)       | 44        |           | 19 - 120 | 11/11/25 08:31 | 11/18/25 21:28 | 1       |
| Nitrobenzene-d5 (Surr)      | 96        |           | 32 - 133 | 11/11/25 08:31 | 11/18/25 21:28 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/11/25 08:31 | 11/18/25 21:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

**Client Sample ID: MW-70**

**Lab Sample ID: 860-116013-2**

Date Collected: 11/05/25 11:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 95        |           | 28 - 130 | 11/11/25 08:31 | 11/18/25 21:28 | 1       |

**Client Sample ID: MW-65**

**Lab Sample ID: 860-116013-3**

Date Collected: 11/05/25 11:57

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 12:42 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 12:42 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 12:42 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 12:42 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 12:42 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 12:42 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 12:42 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 12:42 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 12:42 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 12:42 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 12:42 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 12:42 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 12:42 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 12:42 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 12:42 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 12:42 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-65

Lab Sample ID: 860-116013-3

Date Collected: 11/05/25 11:57

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 12:42 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 12:42 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 12:42 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 12:42 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 12:42 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 12:42 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 12:42 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 12:42 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 63 - 144 |          | 11/11/25 12:42 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 74 - 124 |          | 11/11/25 12:42 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/11/25 12:42 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 11/11/25 12:42 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.122 | U         | 0.576 | 0.122 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,2-Dichlorobenzene          | <0.102 | U         | 0.576 | 0.102 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,3-Dichlorobenzene          | <0.109 | U         | 0.576 | 0.109 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,4-Dichlorobenzene          | <0.111 | U         | 0.576 | 0.111 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86  | U         | 2.88  | 1.86  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,4,5-Trichlorophenol        | <0.435 | U         | 0.576 | 0.435 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,4,6-Trichlorophenol        | <0.118 | U         | 0.576 | 0.118 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,4-Dichlorophenol           | <0.127 | U         | 0.576 | 0.127 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,4-Dimethylphenol           | <0.113 | U         | 0.576 | 0.113 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,4-Dioxane                  | <0.106 | U         | 0.576 | 0.106 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,4-Dinitrophenol            | <1.39  | U         | 5.76  | 1.39  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,4-Dinitrotoluene           | <0.518 | U         | 1.15  | 0.518 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,6-Dinitrotoluene           | <0.275 | U         | 0.576 | 0.275 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-65

Lab Sample ID: 860-116013-3

Date Collected: 11/05/25 11:57

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chloronaphthalene         | <0.119  | U         | 0.576 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Methylnaphthalene         | <0.110  | U         | 0.576 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Methylphenol              | <0.110  | U         | 0.576 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Nitroaniline              | <0.159  | U         | 0.576 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Nitrophenol               | <0.138  | U         | 0.576 | 0.138  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 3 & 4 Methylphenol          | <0.0952 | U         | 0.576 | 0.0952 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 3-Nitroaniline              | <0.225  | U         | 1.15  | 0.225  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.24   | U         | 2.88  | 1.24   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U         | 0.576 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.576 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4-Chloroaniline             | <0.0889 | U *1      | 0.576 | 0.0889 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0962 | U         | 0.576 | 0.0962 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4-Nitroaniline              | <0.273  | U         | 1.15  | 0.273  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Acenaphthene                | <0.102  | U         | 0.576 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Acenaphthylene              | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Aniline                     | <0.454  | U *- *1   | 1.15  | 0.454  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Anthracene                  | <0.105  | U         | 0.576 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Benzo[a]anthracene          | <0.128  | U         | 0.288 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.288 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.576 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Benzo[g,h,i]perylene        | <0.0911 | U         | 0.576 | 0.0911 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.576 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Benzyl alcohol              | <0.226  | U         | 2.88  | 0.226  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.576 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.576 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.576  | U         | 1.15  | 0.576  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Butyl benzyl phthalate      | <0.339  | U         | 1.15  | 0.339  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Chrysene                    | <0.0974 | U         | 0.576 | 0.0974 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Dibenz(a,h)anthracene       | <0.0858 | U         | 0.115 | 0.0858 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.576 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Diethyl phthalate           | <0.189  | U         | 1.15  | 0.189  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Dimethyl phthalate          | <0.135  | U         | 1.15  | 0.135  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Di-n-butyl phthalate        | 0.829   | J         | 1.15  | 0.666  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Di-n-octyl phthalate        | <0.288  | U *-      | 1.15  | 0.288  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Fluoranthene                | <0.121  | U         | 0.576 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Fluorene                    | <0.114  | U         | 0.576 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Hexachlorobenzene           | <0.133  | U         | 0.576 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Hexachlorobutadiene         | <0.163  | U         | 0.576 | 0.163  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Hexachlorocyclopentadiene   | <0.181  | U         | 1.15  | 0.181  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Hexachloroethane            | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.104  | U         | 0.576 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Isophorone                  | <0.107  | U         | 0.576 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Naphthalene                 | <0.115  | U         | 0.576 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Nitrobenzene                | <0.154  | U         | 0.576 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosodi-n-propylamine   | <0.149  | U         | 0.576 | 0.149  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.576 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Pentachlorophenol           | <0.315  | U         | 0.576 | 0.315  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Phenanthrene                | <0.108  | U         | 0.576 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Phenol                      | <0.511  | U         | 1.15  | 0.511  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-65

Lab Sample ID: 860-116013-3

Date Collected: 11/05/25 11:57

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pyrene                         | <0.130  | U         | 0.576 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Pyridine                       | <0.844  | U *-      | 2.88  | 0.844  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitro-o-toluidine            | <0.657  | U         | 1.15  | 0.657  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.256  | U         | 0.576 | 0.256  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Acetophenone                   | <0.140  | U *-      | 1.15  | 0.140  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosopiperidine            | <0.636  | U         | 1.15  | 0.636  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Pentachlorobenzene             | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Diphenyl ether                 | <0.102  | U         | 0.576 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,1'-Biphenyl                  | <0.114  | U         | 0.576 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4-Aminobiphenyl                | <0.197  | U         | 0.576 | 0.197  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.116  | U         | 0.576 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,3,5-Trinitrobenzene          | <0.659  | U *1      | 1.15  | 0.659  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,3-Dinitrobenzene             | <0.592  | U         | 1.15  | 0.592  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1,4-Naphthoquinone             | <0.0617 | U         | 0.576 | 0.0617 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 1-Naphthylamine                | <0.272  | U         | 0.576 | 0.272  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2,6-Dichlorophenol             | <0.0981 | U         | 0.576 | 0.0981 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Acetylaminofluorene          | <1.72   | U *-      | 2.88  | 1.72   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Chlorophenol                 | <0.103  | U         | 0.576 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Naphthylamine                | <0.415  | U *1      | 0.576 | 0.415  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Picoline                     | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Toluidine                    | <0.428  | U *- *1   | 0.576 | 0.428  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 3,3'-Dichlorobenzidine         | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 3,3'-Dimethylbenzidine         | <0.298  | U *- *1   | 0.576 | 0.298  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 3-Methylcholanthrene           | <0.0889 | U *-      | 0.576 | 0.0889 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.642  | U         | 1.15  | 0.642  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.129  | U         | 0.576 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Aramite Peak 1                 | <0.185  | U *-      | 0.576 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Aramite Peak 2                 | <0.205  | U *-      | 0.576 | 0.205  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Aramite, Total                 | <0.185  | U *-      | 0.576 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Diallate                       | <0.0301 | U *-      | 0.576 | 0.0301 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Diallate Peak 1                | <0.0754 | U *-      | 0.576 | 0.0754 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Diallate Peak 2                | <0.0301 | U *-      | 0.576 | 0.0301 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Dimethoate                     | <0.503  | U **      | 2.88  | 0.503  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Dinoseb                        | <0.682  | U **      | 2.88  | 0.682  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Disulfoton                     | <2.17   | U **      | 2.88  | 2.17   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Ethyl methanesulfonate         | <0.187  | U         | 0.576 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Ethyl Parathion                | <0.631  | U **      | 1.15  | 0.631  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Famphur                        | <0.261  | U         | 1.15  | 0.261  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Hexachloropropene              | <0.576  | U         | 0.576 | 0.576  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Isosafrole                     | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Isosafrole Peak 1              | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Isosafrole Peak 2              | <0.0993 | U         | 0.576 | 0.0993 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Methapyrilene                  | <1.53   | U         | 2.31  | 1.53   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Methyl methanesulfonate        | <0.188  | U         | 0.576 | 0.188  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Methyl parathion               | <2.79   | U **      | 2.88  | 2.79   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosodiethylamine          | <0.679  | U *-      | 1.15  | 0.679  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosodimethylamine         | <0.161  | U         | 0.576 | 0.161  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosodi-n-butylamine       | <0.730  | U         | 1.15  | 0.730  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosomethylethylamine      | <0.707  | U         | 1.15  | 0.707  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-65

Lab Sample ID: 860-116013-3

Date Collected: 11/05/25 11:57

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomorpholine              | <0.719  | U         | 1.15  | 0.719  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| N-Nitrosopyrrolidine             | <0.110  | U         | 0.576 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.133  | U         | 0.576 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| p-Dimethylamino azobenzene       | <0.156  | U         | 0.576 | 0.156  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Pentachloronitrobenzene          | <0.255  | U         | 0.576 | 0.255  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Phenacetin                       | <0.255  | U         | 0.576 | 0.255  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Phorate                          | <2.63   | U **      | 5.76  | 2.63   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| p-Phenylene diamine              | <5.76   | U *       | 5.76  | 5.76   | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Pronamide                        | <0.135  | U *       | 0.576 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Safrole, Total                   | <0.0928 | U *       | 0.576 | 0.0928 | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Sulfotep                         | <0.475  | U **      | 1.15  | 0.475  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Thionazin                        | <0.343  | U         | 1.15  | 0.343  | ug/L |   | 11/11/25 08:31 | 11/15/25 12:10 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77        |           | 26 - 136 | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Fluorobiphenyl            | 88        |           | 39 - 130 | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 19 - 120 | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/11/25 08:31 | 11/15/25 12:10 | 1       |
| p-Terphenyl-d14             | 89        |           | 28 - 130 | 11/11/25 08:31 | 11/15/25 12:10 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.46  | U *       | 5.76 | 1.46 | ug/L |   | 11/11/25 08:31 | 11/18/25 21:58 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 91        |           | 26 - 136 | 11/11/25 08:31 | 11/18/25 21:58 | 1       |
| 2-Fluorobiphenyl            | 95        |           | 39 - 130 | 11/11/25 08:31 | 11/18/25 21:58 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/11/25 08:31 | 11/18/25 21:58 | 1       |
| Nitrobenzene-d5 (Surr)      | 98        |           | 32 - 133 | 11/11/25 08:31 | 11/18/25 21:58 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/11/25 08:31 | 11/18/25 21:58 | 1       |
| p-Terphenyl-d14             | 94        |           | 28 - 130 | 11/11/25 08:31 | 11/18/25 21:58 | 1       |

Client Sample ID: MW-72

Lab Sample ID: 860-116013-4

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 13:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-72

Lab Sample ID: 860-116013-4

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 13:03 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:03 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 13:03 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 13:03 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 13:03 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 13:03 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 13:03 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 13:03 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/11/25 13:03 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/11/25 13:03 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/11/25 13:03 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/11/25 13:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-72

Lab Sample ID: 860-116013-4

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/11/25 13:03 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/11/25 13:03 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/11/25 13:03 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/11/25 13:03 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/11/25 13:03 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/11/25 13:03 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/11/25 13:03 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/11/25 13:03 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          |      |   |          | 11/11/25 13:03 | 1       |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 74 - 124 |          |      |   |          | 11/11/25 13:03 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          |      |   |          | 11/11/25 13:03 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          |      |   |          | 11/11/25 13:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.123  | U         | 0.584 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,2-Dichlorobenzene          | <0.103  | U         | 0.584 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,3-Dichlorobenzene          | <0.110  | U         | 0.584 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,4-Dichlorobenzene          | <0.112  | U         | 0.584 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.89   | U         | 2.92  | 1.89   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,4,5-Trichlorophenol        | <0.440  | U         | 0.584 | 0.440  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,4,6-Trichlorophenol        | <0.119  | U         | 0.584 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,4-Dichlorophenol           | <0.129  | U         | 0.584 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,4-Dimethylphenol           | <0.114  | U         | 0.584 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,4-Dioxane                  | <0.107  | U         | 0.584 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,4-Dinitrophenol            | <1.41   | U         | 5.84  | 1.41   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,4-Dinitrotoluene           | <0.524  | U         | 1.17  | 0.524  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,6-Dinitrotoluene           | <0.279  | U         | 0.584 | 0.279  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Chloronaphthalene          | <0.121  | U         | 0.584 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Methylnaphthalene          | <0.111  | U         | 0.584 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Methylphenol               | <0.111  | U         | 0.584 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Nitroaniline               | <0.162  | U         | 0.584 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Nitrophenol                | <0.140  | U         | 0.584 | 0.140  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 3 & 4 Methylphenol           | <0.0965 | U         | 0.584 | 0.0965 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 3-Nitroaniline               | <0.228  | U         | 1.17  | 0.228  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.26   | U         | 2.92  | 1.26   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4-Bromophenyl phenyl ether   | <0.108  | U         | 0.584 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4-Chloro-3-methylphenol      | <0.122  | U         | 0.584 | 0.122  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4-Chloroaniline              | <0.0900 | U *1      | 0.584 | 0.0900 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0975 | U         | 0.584 | 0.0975 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4-Nitroaniline               | <0.277  | U         | 1.17  | 0.277  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Acenaphthene                 | <0.103  | U         | 0.584 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Acenaphthylene               | <0.128  | U         | 0.584 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Aniline                      | <0.460  | U *- *1   | 1.17  | 0.460  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Anthracene                   | <0.106  | U         | 0.584 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Benzo[a]anthracene           | <0.129  | U         | 0.292 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Benzo[a]pyrene               | <0.110  | U         | 0.292 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Benzo[b]fluoranthene         | <0.127  | U         | 0.584 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-72

Lab Sample ID: 860-116013-4

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[g,h,i]perylene        | <0.0923 | U         | 0.584 | 0.0923 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Benzo[k]fluoranthene        | <0.126  | U         | 0.584 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Benzyl alcohol              | <0.229  | U         | 2.92  | 0.229  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Bis(2-chloroethoxy)methane  | <0.110  | U         | 0.584 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Bis(2-chloroethyl)ether     | <0.109  | U         | 0.584 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.584  | U         | 1.17  | 0.584  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Butyl benzyl phthalate      | <0.343  | U         | 1.17  | 0.343  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Chrysene                    | <0.0986 | U         | 0.584 | 0.0986 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Dibenz(a,h)anthracene       | <0.0869 | U         | 0.117 | 0.0869 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Dibenzofuran                | <0.115  | U         | 0.584 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Diethyl phthalate           | <0.191  | U         | 1.17  | 0.191  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Dimethyl phthalate          | <0.136  | U         | 1.17  | 0.136  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Di-n-butyl phthalate        | <0.675  | U         | 1.17  | 0.675  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Di-n-octyl phthalate        | <0.292  | U *       | 1.17  | 0.292  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Fluoranthene                | <0.123  | U         | 0.584 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Fluorene                    | <0.115  | U         | 0.584 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Hexachlorobenzene           | <0.135  | U         | 0.584 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Hexachlorobutadiene         | <0.165  | U         | 0.584 | 0.165  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Hexachlorocyclopentadiene   | <0.183  | U         | 1.17  | 0.183  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Hexachloroethane            | <0.128  | U         | 0.584 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.105  | U         | 0.584 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Isophorone                  | <0.108  | U         | 0.584 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Naphthalene                 | <0.117  | U         | 0.584 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Nitrobenzene                | <0.156  | U         | 0.584 | 0.156  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosodi-n-propylamine   | <0.151  | U         | 0.584 | 0.151  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosodiphenylamine      | <0.115  | U         | 0.584 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Pentachlorophenol           | <0.319  | U         | 0.584 | 0.319  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Phenanthrene                | <0.109  | U         | 0.584 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Phenol                      | <0.517  | U         | 1.17  | 0.517  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Pyrene                      | <0.132  | U         | 0.584 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Pyridine                    | <0.855  | U *       | 2.92  | 0.855  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitro-o-toluidine         | <0.666  | U         | 1.17  | 0.666  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.259  | U         | 0.584 | 0.259  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Acetophenone                | <0.141  | U *       | 1.17  | 0.141  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosopiperidine         | <0.645  | U         | 1.17  | 0.645  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Pentachlorobenzene          | <0.128  | U         | 0.584 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Diphenyl ether              | <0.103  | U         | 0.584 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,1'-Biphenyl               | <0.116  | U         | 0.584 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4-Aminobiphenyl             | <0.199  | U         | 0.584 | 0.199  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.118  | U         | 0.584 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,3,5-Trinitrobenzene       | <0.667  | U *1      | 1.17  | 0.667  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,3-Dinitrobenzene          | <0.600  | U         | 1.17  | 0.600  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1,4-Naphthoquinone          | <0.0626 | U         | 0.584 | 0.0626 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 1-Naphthylamine             | <0.275  | U         | 0.584 | 0.275  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2,6-Dichlorophenol          | <0.0994 | U         | 0.584 | 0.0994 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Acetylaminofluorene       | <1.74   | U *       | 2.92  | 1.74   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Chlorophenol              | <0.105  | U         | 0.584 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Naphthylamine             | <0.421  | U *1      | 0.584 | 0.421  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Picoline                  | <1.05   | U * *1    | 1.17  | 1.05   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-72

Lab Sample ID: 860-116013-4

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Toluidine                       | <0.434  | U *- *1   | 0.584 | 0.434  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 3,3'-Dichlorobenzidine            | <0.664  | U         | 1.17  | 0.664  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 3,3'-Dimethylbenzidine            | <0.301  | U *- *1   | 0.584 | 0.301  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 3-Methylcholanthrene              | <0.0901 | U *-      | 0.584 | 0.0901 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.650  | U         | 1.17  | 0.650  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.131  | U         | 0.584 | 0.131  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Aramite Peak 1                    | <0.188  | U *-      | 0.584 | 0.188  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Aramite Peak 2                    | <0.207  | U *-      | 0.584 | 0.207  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Aramite, Total                    | <0.188  | U *-      | 0.584 | 0.188  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Diallate                          | <0.0305 | U *-      | 0.584 | 0.0305 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Diallate Peak 1                   | <0.0764 | U *-      | 0.584 | 0.0764 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Diallate Peak 2                   | <0.0305 | U *-      | 0.584 | 0.0305 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Dimethoate                        | <0.510  | U *+      | 2.92  | 0.510  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Dinoseb                           | <0.691  | U *+      | 2.92  | 0.691  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Disulfoton                        | <2.20   | U *+      | 2.92  | 2.20   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Ethyl methanesulfonate            | <0.189  | U         | 0.584 | 0.189  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Ethyl Parathion                   | <0.639  | U *+      | 1.17  | 0.639  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Famphur                           | <0.264  | U         | 1.17  | 0.264  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Hexachloropropene                 | <0.584  | U         | 0.584 | 0.584  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Isosafrole                        | <0.0236 | U         | 0.584 | 0.0236 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Isosafrole Peak 1                 | <0.0236 | U         | 0.584 | 0.0236 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Isosafrole Peak 2                 | <0.101  | U         | 0.584 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Methapyrilene                     | <1.55   | U         | 2.34  | 1.55   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Methyl methanesulfonate           | <0.190  | U         | 0.584 | 0.190  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Methyl parathion                  | <2.82   | U *+      | 2.92  | 2.82   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosodiethylamine             | <0.688  | U *-      | 1.17  | 0.688  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosodimethylamine            | <0.163  | U         | 0.584 | 0.163  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosodi-n-butylamine          | <0.739  | U         | 1.17  | 0.739  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosomethylethylamine         | <0.716  | U         | 1.17  | 0.716  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosomorpholine               | <0.728  | U         | 1.17  | 0.728  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| N-Nitrosopyrrolidine              | <0.111  | U         | 0.584 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.135  | U         | 0.584 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| p-Dimethylamino azobenzene        | <0.158  | U         | 0.584 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Pentachloronitrobenzene           | <0.258  | U         | 0.584 | 0.258  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Phenacetin                        | <0.258  | U         | 0.584 | 0.258  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Phorate                           | <2.67   | U *+      | 5.84  | 2.67   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| p-Phenylene diamine               | <5.84   | U *1      | 5.84  | 5.84   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Pronamide                         | <0.137  | U *-      | 0.584 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Safrole, Total                    | <0.0941 | U *-      | 0.584 | 0.0941 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Sulfotepp                         | <0.481  | U *+      | 1.17  | 0.481  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Thionazin                         | <0.347  | U         | 1.17  | 0.347  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:28 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 63        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Fluorobiphenyl            | 80        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| 2-Fluorophenol (Surr)       | 37        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 20:28 | 1       |
| p-Terphenyl-d14             | 75        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 20:28 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-72

Lab Sample ID: 860-116013-4

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.48     | U *       | 5.84     | 1.48 | ug/L |   | 11/11/25 08:31 | 11/18/25 22:28 | 1       |
| Surrogate                           | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 81        |           | 26 - 136 |      |      |   | 11/11/25 08:31 | 11/18/25 22:28 | 1       |
| 2-Fluorobiphenyl                    | 77        |           | 39 - 130 |      |      |   | 11/11/25 08:31 | 11/18/25 22:28 | 1       |
| 2-Fluorophenol (Surr)               | 32        |           | 19 - 120 |      |      |   | 11/11/25 08:31 | 11/18/25 22:28 | 1       |
| Nitrobenzene-d5 (Surr)              | 88        |           | 32 - 133 |      |      |   | 11/11/25 08:31 | 11/18/25 22:28 | 1       |
| Phenol-d5 (Surr)                    | 15        |           | 8 - 124  |      |      |   | 11/11/25 08:31 | 11/18/25 22:28 | 1       |
| p-Terphenyl-d14                     | 81        |           | 28 - 130 |      |      |   | 11/11/25 08:31 | 11/18/25 22:28 | 1       |

Client Sample ID: MW-67

Lab Sample ID: 860-116013-5

Date Collected: 11/05/25 13:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,2,4-Trimethylbenzene                | 2.33   |           | 1.00 | 0.417 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,3,5-Trimethylbenzene                | 1.21   |           | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 16:07 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:07 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 16:07 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 16:07 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:07 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 16:07 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 16:07 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 16:07 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 16:07 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 16:07 | 1       |
| Benzene                               | 139    |           | 1.00 | 0.460 | ug/L |   |          | 11/11/25 16:07 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 16:07 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 16:07 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 16:07 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 16:07 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 16:07 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 16:07 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 16:07 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-67

Lab Sample ID: 860-116013-5

Date Collected: 11/05/25 13:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result  | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|---------|----------|------|---|----------|----------------|---------|
| Chloroethane                | <1.98   | U         | 10.0    | 1.98     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Chloroform                  | <0.464  | U         | 1.00    | 0.464    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Chloromethane               | <2.04   | U         | 10.0    | 2.04     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Chloroprene                 | <0.598  | U         | 5.00    | 0.598    | ug/L |   |          | 11/11/25 16:07 | 1       |
| cis-1,2-Dichloroethene      | <0.457  | U         | 1.00    | 0.457    | ug/L |   |          | 11/11/25 16:07 | 1       |
| cis-1,3-Dichloropropene     | <1.07   | U         | 5.00    | 1.07     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Cumene (isopropylbenzene)   | 15.9    |           | 1.00    | 0.592    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Cyclohexane                 | 109     |           | 5.00    | 1.29     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Dibromomethane              | <0.357  | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Dichlorodifluoromethane     | <0.785  | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Ethyl methacrylate          | <1.12   | U         | 5.00    | 1.12     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Ethylbenzene                | 19.0    |           | 1.00    | 0.385    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Hexane                      | 3.81    | J         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Iodomethane                 | <5.00   | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Isobutanol                  | <17.1   | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Methacrylonitrile           | <2.72   | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Methyl methacrylate         | <2.25   | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Methyl tert-butyl ether     | <1.39   | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Methylene Chloride          | <1.73   | U         | 5.00    | 1.73     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Propionitrile               | <3.34   | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Propylbenzene               | 22.3    |           | 1.00    | 0.429    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Styrene                     | <0.619  | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Tetrachloroethene           | <0.655  | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Tetrahydrofuran             | <1.83   | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Toluene                     | 3.44    |           | 1.00    | 0.475    | ug/L |   |          | 11/11/25 16:07 | 1       |
| trans-1,2-Dichloroethene    | <0.368  | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 16:07 | 1       |
| trans-1,3-Dichloropropene   | <1.27   | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 16:07 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35   | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Trichloroethene             | <1.50   | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Trichlorofluoromethane      | <0.560  | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Vinyl acetate               | <2.14   | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 16:07 | 1       |
| Vinyl chloride              | <0.428  | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 16:07 | 1       |
| Xylenes, Total              | 22.4    |           | 2.00    | 1.24     | ug/L |   |          | 11/11/25 16:07 | 1       |
| m,p-Xylenes                 | 0.0198  |           | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 16:07 | 1       |
| o-Xylene                    | 0.00261 |           | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 16:07 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89        |           | 63 - 144 |          | 11/11/25 16:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 74 - 124 |          | 11/11/25 16:07 | 1       |
| Dibromofluoromethane (Surr)  | 88        |           | 75 - 131 |          | 11/11/25 16:07 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 11/11/25 16:07 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120 | U         | 0.570 | 0.120 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.570 | 0.101 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,3-Dichlorobenzene          | <0.107 | U         | 0.570 | 0.107 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,4-Dichlorobenzene          | <0.109 | U         | 0.570 | 0.109 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84  | U         | 2.85  | 1.84  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,4,5-Trichlorophenol        | <0.430 | U         | 0.570 | 0.430 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-67

Lab Sample ID: 860-116013-5

Date Collected: 11/05/25 13:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,4,6-Trichlorophenol       | <0.116  | U         | 0.570 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,4-Dichlorophenol          | <0.126  | U         | 0.570 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,4-Dimethylphenol          | 0.128   | J I       | 0.570 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,4-Dioxane                 | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,4-Dinitrophenol           | <1.38   | U         | 5.70  | 1.38   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,4-Dinitrotoluene          | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,6-Dinitrotoluene          | <0.272  | U         | 0.570 | 0.272  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Chloronaphthalene         | <0.118  | U         | 0.570 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Nitroaniline              | <0.158  | U         | 0.570 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.570 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 3 & 4 Methylphenol          | <0.0941 | U         | 0.570 | 0.0941 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 3-Nitroaniline              | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.570 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.570 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4-Chloroaniline             | <0.0879 | U *1      | 0.570 | 0.0879 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0951 | U         | 0.570 | 0.0951 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4-Nitroaniline              | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Acenaphthene                | <0.101  | U         | 0.570 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Aniline                     | <0.449  | U * - *1  | 1.14  | 0.449  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Anthracene                  | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.285 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.570 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Benzo[g,h,i]perylene        | <0.0901 | U         | 0.570 | 0.0901 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.570 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.85  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.570 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Butyl benzyl phthalate      | <0.335  | U         | 1.14  | 0.335  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Chrysene                    | <0.0963 | U         | 0.570 | 0.0963 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Dibenz(a,h)anthracene       | <0.0848 | U         | 0.114 | 0.0848 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Di-n-butyl phthalate        | <0.658  | U         | 1.14  | 0.658  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Di-n-octyl phthalate        | <0.285  | U *       | 1.14  | 0.285  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Fluoranthene                | <0.120  | U         | 0.570 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Fluorene                    | <0.113  | U         | 0.570 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.570 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.570 | 0.161  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.570 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Isophorone                  | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.570 | 0.152  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-67

Lab Sample ID: 860-116013-5

Date Collected: 11/05/25 13:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result       | Qualifier    | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|--------------|--------------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodi-n-propylamine      | <0.147       | U            | 0.570 | 0.147  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosodiphenylamine         | <0.112       | U            | 0.570 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Pentachlorophenol              | <0.311       | U            | 0.570 | 0.311  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Phenanthrene                   | <0.106       | U            | 0.570 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Phenol                         | <0.505       | U            | 1.14  | 0.505  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Pyrene                         | <0.129       | U            | 0.570 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Pyridine                       | <0.834       | U *-         | 2.85  | 0.834  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitro-o-toluidine            | <0.650       | U            | 1.14  | 0.650  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.253       | U            | 0.570 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Acetophenone                   | <0.138       | U *-         | 1.14  | 0.138  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosopiperidine            | <0.629       | U            | 1.14  | 0.629  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Pentachlorobenzene             | <0.125       | U            | 0.570 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Diphenyl ether                 | <0.101       | U            | 0.570 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,1'-Biphenyl                  | <0.113       | U            | 0.570 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4-Aminobiphenyl                | <0.194       | U            | 0.570 | 0.194  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115       | U            | 0.570 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,3,5-Trinitrobenzene          | <0.651       | U *1         | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,3-Dinitrobenzene             | <0.586       | U            | 1.14  | 0.586  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1,4-Naphthoquinone             | <0.0610      | U            | 0.570 | 0.0610 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 1-Naphthylamine                | <0.269       | U            | 0.570 | 0.269  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2,6-Dichlorophenol             | <0.0970      | U            | 0.570 | 0.0970 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Acetylaminofluorene          | <1.70        | U *-         | 2.85  | 1.70   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Chlorophenol                 | <0.102       | U            | 0.570 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Naphthylamine                | <0.411       | U *1         | 0.570 | 0.411  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Picoline                     | <1.03        | U *- *1      | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| <b>2-Toluidine</b>             | <b>0.665</b> | <b>*- *1</b> | 0.570 | 0.423  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 3,3'-Dichlorobenzidine         | <0.648       | U            | 1.14  | 0.648  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 3,3'-Dimethylbenzidine         | <0.294       | U *- *1      | 0.570 | 0.294  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 3-Methylcholanthrene           | <0.0879      | U *-         | 0.570 | 0.0879 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.635       | U            | 1.14  | 0.635  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.127       | U            | 0.570 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Aramite Peak 1                 | <0.183       | U *-         | 0.570 | 0.183  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Aramite Peak 2                 | <0.202       | U *-         | 0.570 | 0.202  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Aramite, Total                 | <0.183       | U *-         | 0.570 | 0.183  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Diallate                       | <0.0298      | U *-         | 0.570 | 0.0298 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Diallate Peak 1                | <0.0745      | U *-         | 0.570 | 0.0745 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Diallate Peak 2                | <0.0298      | U *-         | 0.570 | 0.0298 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Dimethoate                     | <0.497       | U *+         | 2.85  | 0.497  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Dinoseb                        | <0.674       | U *+         | 2.85  | 0.674  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Disulfoton                     | <2.15        | U *+         | 2.85  | 2.15   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Ethyl methanesulfonate         | <0.185       | U            | 0.570 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Ethyl Parathion                | <0.624       | U *+         | 1.14  | 0.624  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Famphur                        | <0.258       | U            | 1.14  | 0.258  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Hexachloropropene              | <0.570       | U            | 0.570 | 0.570  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Isosafrole                     | <0.0230      | U            | 0.570 | 0.0230 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Isosafrole Peak 1              | <0.0230      | U            | 0.570 | 0.0230 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Isosafrole Peak 2              | <0.0982      | U            | 0.570 | 0.0982 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Methapyrilene                  | <1.51        | U            | 2.28  | 1.51   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Methyl methanesulfonate        | <0.185       | U            | 0.570 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-67

Lab Sample ID: 860-116013-5

Date Collected: 11/05/25 13:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Methyl parathion                 | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosodiethylamine            | <0.671  | U *-      | 1.14  | 0.671  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.570 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosodi-n-butylamine         | <0.722  | U         | 1.14  | 0.722  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosomethylethylamine        | <0.699  | U         | 1.14  | 0.699  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosomorpholine              | <0.711  | U         | 1.14  | 0.711  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.570 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.570 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.570 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Phenacetin                       | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Phorate                          | <2.60   | U **      | 5.70  | 2.60   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| p-Phenylene diamine              | <5.70   | U *1      | 5.70  | 5.70   | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Pronamide                        | <0.134  | U *-      | 0.570 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Safrole, Total                   | <0.0918 | U *-      | 0.570 | 0.0918 | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Sulfotepp                        | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Thionazin                        | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/11/25 08:31 | 11/14/25 20:57 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 76        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Fluorobiphenyl            | 82        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 20:57 | 1       |
| p-Terphenyl-d14             | 81        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 20:57 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 2-Methylnaphthalene | 34.8   | J         | 57.0 | 10.9 | ug/L |   | 11/11/25 08:31 | 11/20/25 22:59 | 100     |
| Naphthalene         | 200    |           | 57.0 | 11.4 | ug/L |   | 11/11/25 08:31 | 11/20/25 22:59 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 282       | S1+       | 26 - 136 | 11/11/25 08:31 | 11/20/25 22:59 | 100     |
| 2-Fluorobiphenyl            | 117       |           | 39 - 130 | 11/11/25 08:31 | 11/20/25 22:59 | 100     |
| 2-Fluorophenol (Surr)       | 53        |           | 19 - 120 | 11/11/25 08:31 | 11/20/25 22:59 | 100     |
| Nitrobenzene-d5 (Surr)      | 96        |           | 32 - 133 | 11/11/25 08:31 | 11/20/25 22:59 | 100     |
| Phenol-d5 (Surr)            | 51        |           | 8 - 124  | 11/11/25 08:31 | 11/20/25 22:59 | 100     |
| p-Terphenyl-d14             | 115       |           | 28 - 130 | 11/11/25 08:31 | 11/20/25 22:59 | 100     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U *-      | 5.70 | 1.45 | ug/L |   | 11/11/25 08:31 | 11/18/25 22:58 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 96        |           | 26 - 136 | 11/11/25 08:31 | 11/18/25 22:58 | 1       |
| 2-Fluorobiphenyl            | 82        |           | 39 - 130 | 11/11/25 08:31 | 11/18/25 22:58 | 1       |
| 2-Fluorophenol (Surr)       | 32        |           | 19 - 120 | 11/11/25 08:31 | 11/18/25 22:58 | 1       |
| Nitrobenzene-d5 (Surr)      | 88        |           | 32 - 133 | 11/11/25 08:31 | 11/18/25 22:58 | 1       |
| Phenol-d5 (Surr)            | 19        |           | 8 - 124  | 11/11/25 08:31 | 11/18/25 22:58 | 1       |
| p-Terphenyl-d14             | 82        |           | 28 - 130 | 11/11/25 08:31 | 11/18/25 22:58 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-68

Lab Sample ID: 860-116013-6

Date Collected: 11/05/25 13:47

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result        | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|---------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <6.44         | U         | 10.0 | 6.44 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,1,1-Trichloroethane                 | <5.85         | U         | 50.0 | 5.85 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,1,2,2-Tetrachloroethane             | <4.70         | U         | 10.0 | 4.70 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1         | U         | 100  | 11.1 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,1,2-Trichloroethane                 | <4.11         | U         | 10.0 | 4.11 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,1-Dichloroethane                    | <6.35         | U         | 10.0 | 6.35 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,1-Dichloroethene                    | <7.38         | U         | 10.0 | 7.38 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,2,3-Trichloropropane                | <4.70         | U         | 10.0 | 4.70 | ug/L |   |          | 11/11/25 16:49 | 10      |
| <b>1,2,4-Trimethylbenzene</b>         | <b>123</b>    |           | 10.0 | 4.17 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,2-Dibromo-3-Chloropropane           | <6.71         | U         | 50.0 | 6.71 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,2-Dibromoethane                     | <9.99         | U         | 50.0 | 9.99 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,2-Dichloroethane                    | <3.72         | U         | 10.0 | 3.72 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,2-Dichloropropane                   | <5.56         | U         | 50.0 | 5.56 | ug/L |   |          | 11/11/25 16:49 | 10      |
| <b>1,3,5-Trimethylbenzene</b>         | <b>37.8</b>   |           | 10.0 | 4.11 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 1,3-Butadiene                         | <5.68         | U         | 10.0 | 5.68 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 2,2,4-Trimethylpentane                | <5.00         | U         | 50.0 | 5.00 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 2-Butanone (MEK)                      | <82.8         | U         | 500  | 82.8 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 2-Hexanone (MBK)                      | <50.0         | U         | 500  | 50.0 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 2-Propanol                            | <52.3         | U         | 100  | 52.3 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 3-Chloropropene (Allyl Chloride)      | <5.97         | U         | 50.0 | 5.97 | ug/L |   |          | 11/11/25 16:49 | 10      |
| 4-Methyl-2-pentanone                  | <50.0         | U         | 500  | 50.0 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Acetone                               | <30.7         | U         | 1000 | 30.7 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Acetonitrile                          | <146          | U         | 1000 | 146  | ug/L |   |          | 11/11/25 16:49 | 10      |
| Acrolein                              | <111          | U         | 500  | 111  | ug/L |   |          | 11/11/25 16:49 | 10      |
| Acrylonitrile                         | <143          | U         | 500  | 143  | ug/L |   |          | 11/11/25 16:49 | 10      |
| alpha-Chlorotoluene                   | <22.6         | U         | 50.0 | 22.6 | ug/L |   |          | 11/11/25 16:49 | 10      |
| <b>Benzene</b>                        | <b>766</b>    |           | 10.0 | 4.60 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Bromodichloromethane                  | <5.52         | U         | 10.0 | 5.52 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Bromoform                             | <6.33         | U         | 50.0 | 6.33 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Bromomethane                          | <14.2         | U         | 50.0 | 14.2 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Carbon disulfide                      | <16.5         | U         | 50.0 | 16.5 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Carbon tetrachloride                  | <8.96         | U         | 20.0 | 8.96 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Chlorobenzene                         | <4.55         | U         | 10.0 | 4.55 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Chlorodibromomethane                  | <5.47         | U         | 50.0 | 5.47 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Chloroethane                          | <19.8         | U         | 100  | 19.8 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Chloroform                            | <4.64         | U         | 10.0 | 4.64 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Chloromethane                         | <20.4         | U         | 100  | 20.4 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Chloroprene                           | <5.98         | U         | 50.0 | 5.98 | ug/L |   |          | 11/11/25 16:49 | 10      |
| cis-1,2-Dichloroethene                | <4.57         | U         | 10.0 | 4.57 | ug/L |   |          | 11/11/25 16:49 | 10      |
| cis-1,3-Dichloropropene               | <10.7         | U         | 50.0 | 10.7 | ug/L |   |          | 11/11/25 16:49 | 10      |
| <b>Cumene (isopropylbenzene)</b>      | <b>19.4</b>   |           | 10.0 | 5.92 | ug/L |   |          | 11/11/25 16:49 | 10      |
| <b>Cyclohexane</b>                    | <b>171</b>    |           | 50.0 | 12.9 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Dibromomethane                        | <3.57         | U         | 10.0 | 3.57 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Dichlorodifluoromethane               | <7.85         | U         | 10.0 | 7.85 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Ethyl methacrylate                    | <11.2         | U         | 50.0 | 11.2 | ug/L |   |          | 11/11/25 16:49 | 10      |
| <b>Ethylbenzene</b>                   | <b>270</b>    |           | 10.0 | 3.85 | ug/L |   |          | 11/11/25 16:49 | 10      |
| <b>Hexane</b>                         | <b>5.65 J</b> |           | 50.0 | 5.17 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Iodomethane                           | <50.0         | U         | 200  | 50.0 | ug/L |   |          | 11/11/25 16:49 | 10      |
| Isobutanol                            | <171          | U         | 500  | 171  | ug/L |   |          | 11/11/25 16:49 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-68

Lab Sample ID: 860-116013-6

Date Collected: 11/05/25 13:47

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result  | Qualifier | RL     | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|--------|---------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <27.2   | U         | 100    | 27.2    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Methyl methacrylate         | <22.5   | U         | 100    | 22.5    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Methyl tert-butyl ether     | <13.9   | U         | 50.0   | 13.9    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Methylene Chloride          | <17.3   | U         | 50.0   | 17.3    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Propionitrile               | <33.4   | U         | 100    | 33.4    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Propylbenzene               | 31.3    |           | 10.0   | 4.29    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Styrene                     | <6.19   | U         | 10.0   | 6.19    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Tetrachloroethene           | <6.55   | U         | 10.0   | 6.55    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Tetrahydrofuran             | <18.3   | U         | 100    | 18.3    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Toluene                     | 18.8    |           | 10.0   | 4.75    | ug/L |   |          | 11/11/25 16:49 | 10      |
| trans-1,2-Dichloroethene    | <3.68   | U         | 10.0   | 3.68    | ug/L |   |          | 11/11/25 16:49 | 10      |
| trans-1,3-Dichloropropene   | <12.7   | U         | 50.0   | 12.7    | ug/L |   |          | 11/11/25 16:49 | 10      |
| trans-1,4-Dichloro-2-butene | <13.5   | U         | 100    | 13.5    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Trichloroethene             | <15.0   | U         | 50.0   | 15.0    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Trichlorofluoromethane      | <5.60   | U         | 10.0   | 5.60    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Vinyl acetate               | <21.4   | U         | 200    | 21.4    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Vinyl chloride              | <4.28   | U         | 20.0   | 4.28    | ug/L |   |          | 11/11/25 16:49 | 10      |
| Xylenes, Total              | 361     |           | 20.0   | 12.4    | ug/L |   |          | 11/11/25 16:49 | 10      |
| m,p-Xylenes                 | 0.355   |           | 0.0200 | 0.0124  | mg/L |   |          | 11/11/25 16:49 | 10      |
| o-Xylene                    | 0.00624 | J         | 0.0100 | 0.00502 | mg/L |   |          | 11/11/25 16:49 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89        |           | 63 - 144 |          | 11/11/25 16:49 | 10      |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          | 11/11/25 16:49 | 10      |
| Dibromofluoromethane (Surr)  | 92        |           | 75 - 131 |          | 11/11/25 16:49 | 10      |
| Toluene-d8 (Surr)            | 97        |           | 80 - 120 |          | 11/11/25 16:49 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.567 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.567 | 0.100  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.567 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,4,5-Trichlorophenol        | <0.428  | U         | 0.567 | 0.428  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.567 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.567 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,4-Dimethylphenol           | 1.07    |           | 0.567 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.567 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.67  | 1.37   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,4-Dinitrotoluene           | <0.509  | U         | 1.13  | 0.509  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.567 | 0.271  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.567 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.567 | 0.157  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.567 | 0.136  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 3 & 4 Methylphenol           | <0.0937 | U         | 0.567 | 0.0937 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.13  | 0.221  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-68

Lab Sample ID: 860-116013-6

Date Collected: 11/05/25 13:47

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | <0.118  | U         | 0.567 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 4-Chloroaniline             | <0.0875 | U *1      | 0.567 | 0.0875 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0947 | U         | 0.567 | 0.0947 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 4-Nitroaniline              | <0.269  | U         | 1.13  | 0.269  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Acenaphthene                | <0.101  | U         | 0.567 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Aniline                     | <0.447  | U *- *1   | 1.13  | 0.447  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Anthracene                  | <0.103  | U         | 0.567 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Benzo[a]pyrene              | <0.106  | U         | 0.284 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Benzo[b]fluoranthene        | <0.123  | U         | 0.567 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Benzo[g,h,i]perylene        | <0.0897 | U         | 0.567 | 0.0897 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Benzo[k]fluoranthene        | <0.122  | U         | 0.567 | 0.122  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Benzyl alcohol              | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.567  | U         | 1.13  | 0.567  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.13  | 0.334  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Chrysene                    | <0.0958 | U         | 0.567 | 0.0958 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Dibenz(a,h)anthracene       | <0.0845 | U         | 0.113 | 0.0845 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Dibenzofuran                | <0.111  | U         | 0.567 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.13  | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.13  | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.13  | 0.656  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Di-n-octyl phthalate        | <0.284  | U *-      | 1.13  | 0.284  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Fluoranthene                | <0.119  | U         | 0.567 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Fluorene                    | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.567 | 0.161  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.13  | 0.178  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Isophorone                  | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.567 | 0.151  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.567 | 0.146  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.567 | 0.310  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Phenanthrene                | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Phenol                      | 1.33    | I         | 1.13  | 0.503  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Pyrene                      | <0.128  | U         | 0.567 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Pyridine                    | <0.831  | U *-      | 2.84  | 0.831  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitro-o-toluidine         | <0.647  | U         | 1.13  | 0.647  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.567 | 0.252  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Acetophenone                | <0.137  | U *-      | 1.13  | 0.137  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosopiperidine         | <0.626  | U         | 1.13  | 0.626  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Diphenyl ether              | <0.100  | U         | 0.567 | 0.100  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,1'-Biphenyl               | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 4-Aminobiphenyl             | <0.193  | U         | 0.567 | 0.193  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-68

Lab Sample ID: 860-116013-6

Date Collected: 11/05/25 13:47

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene          | <0.114  | U         | 0.567 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,3,5-Trinitrobenzene               | <0.648  | U *1      | 1.13  | 0.648  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,3-Dinitrobenzene                  | <0.583  | U         | 1.13  | 0.583  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1,4-Naphthoquinone                  | <0.0608 | U         | 0.567 | 0.0608 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 1-Naphthylamine                     | <0.267  | U         | 0.567 | 0.267  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,6-Dichlorophenol                  | <0.0966 | U         | 0.567 | 0.0966 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Acetylaminofluorene               | <1.69   | U *-      | 2.84  | 1.69   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Naphthylamine                     | <0.409  | U *1      | 0.567 | 0.409  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Picoline                          | <1.02   | U *- *1   | 1.13  | 1.02   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Toluidine                         | <0.421  | U *- *1   | 0.567 | 0.421  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 3,3'-Dichlorobenzidine              | <0.645  | U         | 1.13  | 0.645  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 3,3'-Dimethylbenzidine              | <0.293  | U *- *1   | 0.567 | 0.293  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 3-Methylcholanthrene                | <0.0875 | U *-      | 0.567 | 0.0875 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.632  | U         | 1.13  | 0.632  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.567 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *-      | 5.67  | 1.44   | ug/L |   | 11/11/25 08:31 | 11/19/25 05:24 | 1       |
| Aramite Peak 1                      | <0.183  | U *-      | 0.567 | 0.183  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Aramite Peak 2                      | <0.201  | U *-      | 0.567 | 0.201  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Aramite, Total                      | <0.183  | U *-      | 0.567 | 0.183  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Diallate                            | <0.0297 | U *-      | 0.567 | 0.0297 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Diallate Peak 1                     | <0.0742 | U *-      | 0.567 | 0.0742 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Diallate Peak 2                     | <0.0297 | U *-      | 0.567 | 0.0297 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Dimethoate                          | <0.495  | U **      | 2.84  | 0.495  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Dinoseb                             | <0.671  | U **      | 2.84  | 0.671  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.567 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Ethyl Parathion                     | <0.621  | U **      | 1.13  | 0.621  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Famphur                             | <0.257  | U         | 1.13  | 0.257  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Hexachloropropene                   | <0.567  | U         | 0.567 | 0.567  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Isosafrole                          | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Isosafrole Peak 1                   | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Isosafrole Peak 2                   | <0.0978 | U         | 0.567 | 0.0978 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Methapyrilene                       | <1.51   | U         | 2.27  | 1.51   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.567 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Methyl parathion                    | <2.74   | U **      | 2.84  | 2.74   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosodiethylamine               | <0.668  | U *-      | 1.13  | 0.668  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosodimethylamine              | <0.158  | U         | 0.567 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosodi-n-butylamine            | <0.718  | U         | 1.13  | 0.718  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosomethylethylamine           | <0.696  | U         | 1.13  | 0.696  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosomorpholine                 | <0.708  | U         | 1.13  | 0.708  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| p-Dimethylamino azobenzene          | <0.153  | U         | 0.567 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Pentachloronitrobenzene             | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Phenacetin                          | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Phorate                             | <2.59   | U **      | 5.67  | 2.59   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| p-Phenylene diamine                 | <5.67   | U *1      | 5.67  | 5.67   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Pronamide                           | <0.133  | U *-      | 0.567 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-68

Lab Sample ID: 860-116013-6

Date Collected: 11/05/25 13:47

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0914 | U *-      | 0.567 | 0.0914 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Sulfotepp      | <0.468  | U **      | 1.13  | 0.468  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Thionazin      | <0.337  | U         | 1.13  | 0.337  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:27 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 84        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2,4,6-Tribromophenol (Surr) | 108       |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 05:24 | 1       |
| 2-Fluorobiphenyl            | 89        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Fluorobiphenyl            | 94        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 05:24 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 05:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Nitrobenzene-d5 (Surr)      | 90        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 05:24 | 1       |
| Phenol-d5 (Surr)            | 33        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 05:24 | 1       |
| p-Terphenyl-d14             | 87        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 21:27 | 1       |
| p-Terphenyl-d14             | 88        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 05:24 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 2-Methylnaphthalene | 60.0   |           | 56.7 | 10.8 | ug/L |   | 11/11/25 08:31 | 11/19/25 15:51 | 100     |
| Naphthalene         | 343    |           | 56.7 | 11.3 | ug/L |   | 11/11/25 08:31 | 11/19/25 15:51 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 218       | S1+       | 26 - 136 | 11/11/25 08:31 | 11/19/25 15:51 | 100     |
| 2-Fluorobiphenyl            | 242       | S1+       | 39 - 130 | 11/11/25 08:31 | 11/19/25 15:51 | 100     |
| 2-Fluorophenol (Surr)       | 83        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 15:51 | 100     |
| Nitrobenzene-d5 (Surr)      | 176       | S1+       | 32 - 133 | 11/11/25 08:31 | 11/19/25 15:51 | 100     |
| Phenol-d5 (Surr)            | 66        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 15:51 | 100     |
| p-Terphenyl-d14             | 430       | S1+       | 28 - 130 | 11/11/25 08:31 | 11/19/25 15:51 | 100     |

Client Sample ID: RB-03

Lab Sample ID: 860-116013-7

Date Collected: 11/05/25 13:58

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:23 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: RB-03

Lab Sample ID: 860-116013-7

Date Collected: 11/05/25 13:58

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 13:23 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:23 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 13:23 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 13:23 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 13:23 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 13:23 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 13:23 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 13:23 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/11/25 13:23 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/11/25 13:23 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/11/25 13:23 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/11/25 13:23 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/11/25 13:23 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: RB-03

Lab Sample ID: 860-116013-7

Date Collected: 11/05/25 13:58

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Trichlorofluoromethane | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 13:23 | 1       |
| Vinyl acetate          | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 13:23 | 1       |
| Vinyl chloride         | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 13:23 | 1       |
| Xylenes, Total         | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 13:23 | 1       |
| m,p-Xylenes            | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 13:23 | 1       |
| o-Xylene               | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 13:23 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 63 - 144 |          | 11/11/25 13:23 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 74 - 124 |          | 11/11/25 13:23 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 75 - 131 |          | 11/11/25 13:23 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 11/11/25 13:23 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.574 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.574 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.574 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.574 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86   | U         | 2.87  | 1.86   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,4,5-Trichlorophenol        | <0.433  | U         | 0.574 | 0.433  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.574 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.574 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.574 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.74  | 1.39   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,4-Dinitrotoluene           | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,6-Dinitrotoluene           | <0.274  | U         | 0.574 | 0.274  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.574 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.574 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.574 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.574 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.574 | 0.138  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 3 & 4 Methylphenol           | <0.0948 | U         | 0.574 | 0.0948 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 3-Nitroaniline               | <0.224  | U         | 1.15  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.574 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U         | 0.574 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4-Chloroaniline              | <0.0885 | U *1      | 0.574 | 0.0885 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0958 | U         | 0.574 | 0.0958 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4-Nitroaniline               | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Acenaphthene                 | <0.102  | U         | 0.574 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Acenaphthylene               | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Aniline                      | <0.452  | U *- *1   | 1.15  | 0.452  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Anthracene                   | <0.104  | U         | 0.574 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Benzo[a]pyrene               | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Benzo[b]fluoranthene         | <0.125  | U         | 0.574 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Benzo[g,h,i]perylene         | <0.0907 | U         | 0.574 | 0.0907 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Benzo[k]fluoranthene         | <0.124  | U         | 0.574 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: RB-03

Lab Sample ID: 860-116013-7

Date Collected: 11/05/25 13:58

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzyl alcohol              | <0.225  | U         | 2.87  | 0.225  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.574 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.574 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Butyl benzyl phthalate      | <0.338  | U         | 1.15  | 0.338  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Chrysene                    | <0.0969 | U         | 0.574 | 0.0969 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Dibenz(a,h)anthracene       | <0.0854 | U         | 0.115 | 0.0854 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Diethyl phthalate           | <0.188  | U         | 1.15  | 0.188  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Di-n-butyl phthalate        | <0.663  | U         | 1.15  | 0.663  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Di-n-octyl phthalate        | <0.287  | U *-      | 1.15  | 0.287  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Fluoranthene                | <0.120  | U         | 0.574 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Fluorene                    | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Hexachlorobenzene           | <0.133  | U         | 0.574 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.574 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.574 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.574 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Isophorone                  | <0.106  | U         | 0.574 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Naphthalene                 | <0.115  | U         | 0.574 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.574 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.574 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.574 | 0.313  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Phenanthrene                | <0.107  | U         | 0.574 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Phenol                      | <0.509  | U         | 1.15  | 0.509  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Pyrene                      | <0.130  | U         | 0.574 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Pyridine                    | <0.840  | U *-      | 2.87  | 0.840  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitro-o-toluidine         | <0.654  | U         | 1.15  | 0.654  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.255  | U         | 0.574 | 0.255  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Acetophenone                | <0.139  | U *-      | 1.15  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosopiperidine         | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Pentachlorobenzene          | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.574 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,1'-Biphenyl               | <0.114  | U         | 0.574 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4-Aminobiphenyl             | <0.196  | U         | 0.574 | 0.196  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.116  | U         | 0.574 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,3,5-Trinitrobenzene       | <0.656  | U *1      | 1.15  | 0.656  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,3-Dinitrobenzene          | <0.590  | U         | 1.15  | 0.590  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1,4-Naphthoquinone          | <0.0615 | U         | 0.574 | 0.0615 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 1-Naphthylamine             | <0.271  | U         | 0.574 | 0.271  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,6-Dichlorophenol          | <0.0977 | U         | 0.574 | 0.0977 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U *-      | 2.87  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Chlorophenol              | <0.103  | U         | 0.574 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Naphthylamine             | <0.414  | U *1      | 0.574 | 0.414  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Picoline                  | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Toluidine                 | <0.426  | U *- *1   | 0.574 | 0.426  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 3,3'-Dichlorobenzidine      | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: RB-03

Lab Sample ID: 860-116013-7

Date Collected: 11/05/25 13:58

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 3,3'-Dimethylbenzidine              | <0.296  | U *- *1   | 0.574 | 0.296  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 3-Methylcholanthrene                | <0.0885 | U *-      | 0.574 | 0.0885 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.639  | U         | 1.15  | 0.639  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.574 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U *-      | 5.74  | 1.46   | ug/L |   | 11/11/25 08:31 | 11/19/25 05:54 | 1       |
| Aramite Peak 1                      | <0.185  | U *-      | 0.574 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Aramite Peak 2                      | <0.204  | U *-      | 0.574 | 0.204  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Aramite, Total                      | <0.185  | U *-      | 0.574 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Diallate                            | <0.0300 | U *-      | 0.574 | 0.0300 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Diallate Peak 1                     | <0.0751 | U *-      | 0.574 | 0.0751 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Diallate Peak 2                     | <0.0300 | U *-      | 0.574 | 0.0300 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Dimethoate                          | <0.501  | U *+      | 2.87  | 0.501  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Dinoseb                             | <0.679  | U *+      | 2.87  | 0.679  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Disulfoton                          | <2.16   | U *+      | 2.87  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.574 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Ethyl Parathion                     | <0.628  | U *+      | 1.15  | 0.628  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Famphur                             | <0.260  | U         | 1.15  | 0.260  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Hexachloropropene                   | <0.574  | U         | 0.574 | 0.574  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.574 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.574 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Isosafrole Peak 2                   | <0.0989 | U         | 0.574 | 0.0989 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Methapyrilene                       | <1.53   | U         | 2.30  | 1.53   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Methyl methanesulfonate             | <0.187  | U         | 0.574 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Methyl parathion                    | <2.78   | U *+      | 2.87  | 2.78   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosodiethylamine               | <0.676  | U *-      | 1.15  | 0.676  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U         | 0.574 | 0.160  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosodi-n-butylamine            | <0.727  | U         | 1.15  | 0.727  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosomethylethylamine           | <0.704  | U         | 1.15  | 0.704  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosomorpholine                 | <0.716  | U         | 1.15  | 0.716  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.574 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.133  | U         | 0.574 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| p-Dimethylamino azobenzene          | <0.155  | U         | 0.574 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Pentachloronitrobenzene             | <0.254  | U         | 0.574 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Phenacetin                          | <0.253  | U         | 0.574 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Phorate                             | <2.62   | U *+      | 5.74  | 2.62   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| p-Phenylene diamine                 | <5.74   | U *1      | 5.74  | 5.74   | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Pronamide                           | <0.135  | U *-      | 0.574 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Safrole, Total                      | <0.0924 | U *-      | 0.574 | 0.0924 | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Sulfotepp                           | <0.473  | U *+      | 1.15  | 0.473  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Thionazin                           | <0.341  | U         | 1.15  | 0.341  | ug/L |   | 11/11/25 08:31 | 11/14/25 21:56 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 76        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2,4,6-Tribromophenol (Surr) | 103       |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 05:54 | 1       |
| 2-Fluorobiphenyl            | 88        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Fluorobiphenyl            | 96        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 05:54 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 05:54 | 1       |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Nitrobenzene-d5 (Surr)      | 95        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 05:54 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

**Client Sample ID: RB-03**

**Date Collected: 11/05/25 13:58**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-7**

**Matrix: Water**

**Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)**

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 24        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| Phenol-d5 (Surr) | 20        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 05:54 | 1       |
| p-Terphenyl-d14  | 73        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 21:56 | 1       |
| p-Terphenyl-d14  | 75        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 05:54 | 1       |

**Client Sample ID: MW-66**

**Date Collected: 11/05/25 14:24**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-8**

**Matrix: Water**

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <6.44       | U         | 10.0 | 6.44 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,1,1-Trichloroethane                 | <5.85       | U         | 50.0 | 5.85 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,1,2,2-Tetrachloroethane             | <4.70       | U         | 10.0 | 4.70 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1       | U         | 100  | 11.1 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,1,2-Trichloroethane                 | <4.11       | U         | 10.0 | 4.11 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,1-Dichloroethane                    | <6.35       | U         | 10.0 | 6.35 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,1-Dichloroethene                    | <7.38       | U         | 10.0 | 7.38 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,2,3-Trichloropropane                | <4.70       | U         | 10.0 | 4.70 | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>1,2,4-Trimethylbenzene</b>         | <b>183</b>  |           | 10.0 | 4.17 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,2-Dibromo-3-Chloropropane           | <6.71       | U         | 50.0 | 6.71 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,2-Dibromoethane                     | <9.99       | U         | 50.0 | 9.99 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,2-Dichloroethane                    | <3.72       | U         | 10.0 | 3.72 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,2-Dichloropropane                   | <5.56       | U         | 50.0 | 5.56 | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>1,3,5-Trimethylbenzene</b>         | <b>55.6</b> |           | 10.0 | 4.11 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 1,3-Butadiene                         | <5.68       | U         | 10.0 | 5.68 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 2,2,4-Trimethylpentane                | <5.00       | U         | 50.0 | 5.00 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 2-Butanone (MEK)                      | <82.8       | U         | 500  | 82.8 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 2-Hexanone (MBK)                      | <50.0       | U         | 500  | 50.0 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 2-Propanol                            | <52.3       | U         | 100  | 52.3 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 3-Chloropropene (Allyl Chloride)      | <5.97       | U         | 50.0 | 5.97 | ug/L |   |          | 11/11/25 17:09 | 10      |
| 4-Methyl-2-pentanone                  | <50.0       | U         | 500  | 50.0 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Acetone                               | <30.7       | U         | 1000 | 30.7 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Acetonitrile                          | <146        | U         | 1000 | 146  | ug/L |   |          | 11/11/25 17:09 | 10      |
| Acrolein                              | <111        | U         | 500  | 111  | ug/L |   |          | 11/11/25 17:09 | 10      |
| Acrylonitrile                         | <143        | U         | 500  | 143  | ug/L |   |          | 11/11/25 17:09 | 10      |
| alpha-Chlorotoluene                   | <22.6       | U         | 50.0 | 22.6 | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Benzene</b>                        | <b>1620</b> |           | 10.0 | 4.60 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Bromodichloromethane                  | <5.52       | U         | 10.0 | 5.52 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Bromoform                             | <6.33       | U         | 50.0 | 6.33 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Bromomethane                          | <14.2       | U         | 50.0 | 14.2 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Carbon disulfide                      | <16.5       | U         | 50.0 | 16.5 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Carbon tetrachloride                  | <8.96       | U         | 20.0 | 8.96 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Chlorobenzene                         | <4.55       | U         | 10.0 | 4.55 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Chlorodibromomethane                  | <5.47       | U         | 50.0 | 5.47 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Chloroethane                          | <19.8       | U         | 100  | 19.8 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Chloroform                            | <4.64       | U         | 10.0 | 4.64 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Chloromethane                         | <20.4       | U         | 100  | 20.4 | ug/L |   |          | 11/11/25 17:09 | 10      |
| Chloroprene                           | <5.98       | U         | 50.0 | 5.98 | ug/L |   |          | 11/11/25 17:09 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-66

Lab Sample ID: 860-116013-8

Date Collected: 11/05/25 14:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result        | Qualifier | RL     | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|---------------|-----------|--------|---------|------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene           | <4.57         | U         | 10.0   | 4.57    | ug/L |   |          | 11/11/25 17:09 | 10      |
| cis-1,3-Dichloropropene          | <10.7         | U         | 50.0   | 10.7    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Cumene (isopropylbenzene)</b> | <b>21.5</b>   |           | 10.0   | 5.92    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Cyclohexane</b>               | <b>193</b>    |           | 50.0   | 12.9    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Dibromomethane                   | <3.57         | U         | 10.0   | 3.57    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Dichlorodifluoromethane          | <7.85         | U         | 10.0   | 7.85    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Ethyl methacrylate               | <11.2         | U         | 50.0   | 11.2    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Ethylbenzene</b>              | <b>324</b>    |           | 10.0   | 3.85    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Hexane</b>                    | <b>24.1</b>   | J         | 50.0   | 5.17    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Iodomethane                      | <50.0         | U         | 200    | 50.0    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Isobutanol                       | <171          | U         | 500    | 171     | ug/L |   |          | 11/11/25 17:09 | 10      |
| Methacrylonitrile                | <27.2         | U         | 100    | 27.2    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Methyl methacrylate              | <22.5         | U         | 100    | 22.5    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Methyl tert-butyl ether          | <13.9         | U         | 50.0   | 13.9    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Methylene Chloride               | <17.3         | U         | 50.0   | 17.3    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Propionitrile                    | <33.4         | U         | 100    | 33.4    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Propylbenzene</b>             | <b>30.3</b>   |           | 10.0   | 4.29    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Styrene                          | <6.19         | U         | 10.0   | 6.19    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Tetrachloroethene                | <6.55         | U         | 10.0   | 6.55    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Tetrahydrofuran                  | <18.3         | U         | 100    | 18.3    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Toluene</b>                   | <b>42.4</b>   |           | 10.0   | 4.75    | ug/L |   |          | 11/11/25 17:09 | 10      |
| trans-1,2-Dichloroethene         | <3.68         | U         | 10.0   | 3.68    | ug/L |   |          | 11/11/25 17:09 | 10      |
| trans-1,3-Dichloropropene        | <12.7         | U         | 50.0   | 12.7    | ug/L |   |          | 11/11/25 17:09 | 10      |
| trans-1,4-Dichloro-2-butene      | <13.5         | U         | 100    | 13.5    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Trichloroethene                  | <15.0         | U         | 50.0   | 15.0    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Trichlorofluoromethane           | <5.60         | U         | 10.0   | 5.60    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Vinyl acetate                    | <21.4         | U         | 200    | 21.4    | ug/L |   |          | 11/11/25 17:09 | 10      |
| Vinyl chloride                   | <4.28         | U         | 20.0   | 4.28    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>Xylenes, Total</b>            | <b>458</b>    |           | 20.0   | 12.4    | ug/L |   |          | 11/11/25 17:09 | 10      |
| <b>m,p-Xylenes</b>               | <b>0.441</b>  |           | 0.0200 | 0.0124  | mg/L |   |          | 11/11/25 17:09 | 10      |
| <b>o-Xylene</b>                  | <b>0.0174</b> |           | 0.0100 | 0.00502 | mg/L |   |          | 11/11/25 17:09 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 63 - 144 |          | 11/11/25 17:09 | 10      |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 74 - 124 |          | 11/11/25 17:09 | 10      |
| Dibromofluoromethane (Surr)  | 92        |           | 75 - 131 |          | 11/11/25 17:09 | 10      |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 11/11/25 17:09 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.119       | U         | 0.562 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,2-Dichlorobenzene          | <0.0992      | U         | 0.562 | 0.0992 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,3-Dichlorobenzene          | <0.106       | U         | 0.562 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,4-Dichlorobenzene          | <0.108       | U         | 0.562 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.82        | U         | 2.81  | 1.82   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,4,5-Trichlorophenol        | <0.424       | U         | 0.562 | 0.424  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,4,6-Trichlorophenol        | <0.115       | U         | 0.562 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,4-Dichlorophenol           | <0.124       | U         | 0.562 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| <b>2,4-Dimethylphenol</b>    | <b>0.750</b> |           | 0.562 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,4-Dioxane                  | <0.103       | U         | 0.562 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-66

Lab Sample ID: 860-116013-8

Date Collected: 11/05/25 14:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,4-Dinitrophenol           | <1.36   | U         | 5.62  | 1.36   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,4-Dinitrotoluene          | <0.504  | U         | 1.12  | 0.504  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,6-Dinitrotoluene          | <0.268  | U         | 0.562 | 0.268  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Chloronaphthalene         | <0.116  | U         | 0.562 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Methylphenol              | 0.261   | J         | 0.562 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Nitroaniline              | <0.155  | U         | 0.562 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Nitrophenol               | <0.135  | U         | 0.562 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 3 & 4 Methylphenol          | <0.0928 | U         | 0.562 | 0.0928 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 3-Nitroaniline              | <0.219  | U         | 1.12  | 0.219  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.21   | U         | 2.81  | 1.21   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4-Bromophenyl phenyl ether  | <0.104  | U         | 0.562 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4-Chloro-3-methylphenol     | <0.117  | U         | 0.562 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4-Chloroaniline             | <0.0866 | U *1      | 0.562 | 0.0866 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0938 | U         | 0.562 | 0.0938 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4-Nitroaniline              | <0.266  | U         | 1.12  | 0.266  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Acenaphthene                | <0.0996 | U         | 0.562 | 0.0996 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Acenaphthylene              | <0.123  | U         | 0.562 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Aniline                     | <0.442  | U * - *1  | 1.12  | 0.442  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Anthracene                  | <0.102  | U         | 0.562 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Benzo[a]anthracene          | <0.125  | U         | 0.281 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Benzo[a]pyrene              | <0.105  | U         | 0.281 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Benzo[b]fluoranthene        | <0.122  | U         | 0.562 | 0.122  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Benzo[g,h,i]perylene        | <0.0888 | U         | 0.562 | 0.0888 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Benzo[k]fluoranthene        | <0.121  | U         | 0.562 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Benzyl alcohol              | <0.220  | U         | 2.81  | 0.220  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Bis(2-chloroethoxy)methane  | <0.106  | U         | 0.562 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Bis(2-chloroethyl)ether     | <0.105  | U         | 0.562 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.561  | U         | 1.12  | 0.561  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Butyl benzyl phthalate      | <0.330  | U         | 1.12  | 0.330  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Chrysene                    | <0.0949 | U         | 0.562 | 0.0949 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Dibenz(a,h)anthracene       | <0.0836 | U         | 0.112 | 0.0836 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Dibenzofuran                | <0.110  | U         | 0.562 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Diethyl phthalate           | <0.184  | U         | 1.12  | 0.184  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Dimethyl phthalate          | <0.131  | U         | 1.12  | 0.131  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Di-n-butyl phthalate        | <0.649  | U         | 1.12  | 0.649  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Di-n-octyl phthalate        | <0.281  | U * -     | 1.12  | 0.281  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Fluoranthene                | <0.118  | U         | 0.562 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Fluorene                    | <0.111  | U         | 0.562 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Hexachlorobenzene           | <0.130  | U         | 0.562 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Hexachlorobutadiene         | <0.159  | U         | 0.562 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Hexachlorocyclopentadiene   | <0.176  | U         | 1.12  | 0.176  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Hexachloroethane            | <0.123  | U         | 0.562 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.101  | U         | 0.562 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Isophorone                  | <0.104  | U         | 0.562 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Nitrobenzene                | <0.150  | U         | 0.562 | 0.150  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosodi-n-propylamine   | <0.145  | U         | 0.562 | 0.145  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosodiphenylamine      | <0.110  | U         | 0.562 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Pentachlorophenol           | <0.307  | U         | 0.562 | 0.307  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Phenanthrene                | <0.105  | U         | 0.562 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-66

Lab Sample ID: 860-116013-8

Date Collected: 11/05/25 14:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Phenol                              | <0.498  | U         | 1.12  | 0.498  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Pyrene                              | <0.127  | U         | 0.562 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Pyridine                            | <0.822  | U *       | 2.81  | 0.822  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitro-o-toluidine                 | <0.640  | U         | 1.12  | 0.640  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.249  | U         | 0.562 | 0.249  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Acetophenone                        | <0.136  | U *       | 1.12  | 0.136  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosopiperidine                 | <0.620  | U         | 1.12  | 0.620  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Pentachlorobenzene                  | <0.123  | U         | 0.562 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Diphenyl ether                      | 7.19    |           | 0.562 | 0.0994 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,1'-Biphenyl                       | 2.15    |           | 0.562 | 0.111  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4-Aminobiphenyl                     | <0.192  | U         | 0.562 | 0.192  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.113  | U         | 0.562 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,3,5-Trinitrobenzene               | <0.642  | U *       | 1.12  | 0.642  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,3-Dinitrobenzene                  | <0.577  | U         | 1.12  | 0.577  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1,4-Naphthoquinone                  | <0.0602 | U         | 0.562 | 0.0602 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 1-Naphthylamine                     | <0.265  | U         | 0.562 | 0.265  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,6-Dichlorophenol                  | 0.150   | J         | 0.562 | 0.0956 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Acetylaminofluorene               | <1.68   | U *       | 2.81  | 1.68   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Chlorophenol                      | <0.101  | U         | 0.562 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Naphthylamine                     | <0.405  | U *       | 0.562 | 0.405  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Picoline                          | <1.01   | U * *     | 1.12  | 1.01   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Toluidine                         | <0.417  | U * *     | 0.562 | 0.417  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 3,3'-Dichlorobenzidine              | <0.639  | U         | 1.12  | 0.639  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 3,3'-Dimethylbenzidine              | <0.290  | U * *     | 0.562 | 0.290  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 3-Methylcholanthrene                | <0.0867 | U *       | 0.562 | 0.0867 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.626  | U         | 1.12  | 0.626  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.126  | U         | 0.562 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.43   | U *       | 5.62  | 1.43   | ug/L |   | 11/11/25 08:31 | 11/19/25 06:24 | 1       |
| Aramite Peak 1                      | <0.181  | U *       | 0.562 | 0.181  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Aramite Peak 2                      | <0.199  | U *       | 0.562 | 0.199  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Aramite, Total                      | <0.181  | U *       | 0.562 | 0.181  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Diallate                            | <0.0294 | U *       | 0.562 | 0.0294 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Diallate Peak 1                     | <0.0735 | U *       | 0.562 | 0.0735 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Diallate Peak 2                     | <0.0294 | U *       | 0.562 | 0.0294 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Dimethoate                          | <0.490  | U *       | 2.81  | 0.490  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Dinoseb                             | <0.665  | U *       | 2.81  | 0.665  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Disulfoton                          | <2.12   | U *       | 2.81  | 2.12   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Ethyl methanesulfonate              | <0.182  | U         | 0.562 | 0.182  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Ethyl Parathion                     | <0.615  | U *       | 1.12  | 0.615  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Famphur                             | <0.254  | U         | 1.12  | 0.254  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Hexachloropropene                   | <0.562  | U         | 0.562 | 0.562  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Isosafrole                          | <0.0227 | U         | 0.562 | 0.0227 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Isosafrole Peak 1                   | <0.0227 | U         | 0.562 | 0.0227 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Isosafrole Peak 2                   | <0.0968 | U         | 0.562 | 0.0968 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Methapyrilene                       | <1.49   | U         | 2.25  | 1.49   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Methyl methanesulfonate             | <0.183  | U         | 0.562 | 0.183  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Methyl parathion                    | <2.72   | U *       | 2.81  | 2.72   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosodiethylamine               | <0.662  | U *       | 1.12  | 0.662  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosodimethylamine              | <0.156  | U         | 0.562 | 0.156  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |

Eurofins Houston



# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-66

Lab Sample ID: 860-116013-8

Date Collected: 11/05/25 14:24

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodi-n-butylamine         | <0.711  | U         | 1.12  | 0.711  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosomethylethylamine        | <0.689  | U         | 1.12  | 0.689  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosomorpholine              | <0.701  | U         | 1.12  | 0.701  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| N-Nitrosopyrrolidine             | <0.107  | U         | 0.562 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.130  | U         | 0.562 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| p-Dimethylamino azobenzene       | <0.152  | U         | 0.562 | 0.152  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Pentachloronitrobenzene          | <0.248  | U         | 0.562 | 0.248  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Phenacetin                       | <0.248  | U         | 0.562 | 0.248  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Phorate                          | <2.57   | U *       | 5.62  | 2.57   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| p-Phenylene diamine              | <5.62   | U *       | 5.62  | 5.62   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Pronamide                        | <0.132  | U *       | 0.562 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Safrrole, Total                  | <0.0905 | U *       | 0.562 | 0.0905 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Sulfotepp                        | <0.463  | U *       | 1.12  | 0.463  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Thionazin                        | <0.334  | U         | 1.12  | 0.334  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:25 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 81        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2,4,6-Tribromophenol (Surr) | 105       |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 06:24 | 1       |
| 2-Fluorobiphenyl            | 85        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Fluorobiphenyl            | 91        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 06:24 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| 2-Fluorophenol (Surr)       | 41        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 06:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Nitrobenzene-d5 (Surr)      | 93        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 06:24 | 1       |
| Phenol-d5 (Surr)            | 29        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 06:24 | 1       |
| p-Terphenyl-d14             | 81        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 22:25 | 1       |
| p-Terphenyl-d14             | 80        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 06:24 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 2-Methylnaphthalene | 56.0   | J         | 56.2 | 10.7 | ug/L |   | 11/11/25 08:31 | 11/19/25 16:46 | 100     |
| Naphthalene         | 268    |           | 56.2 | 11.2 | ug/L |   | 11/11/25 08:31 | 11/19/25 16:46 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 200       | S1+       | 26 - 136 | 11/11/25 08:31 | 11/19/25 16:46 | 100     |
| 2-Fluorobiphenyl            | 242       | S1+       | 39 - 130 | 11/11/25 08:31 | 11/19/25 16:46 | 100     |
| 2-Fluorophenol (Surr)       | 72        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 16:46 | 100     |
| Nitrobenzene-d5 (Surr)      | 158       | S1+       | 32 - 133 | 11/11/25 08:31 | 11/19/25 16:46 | 100     |
| Phenol-d5 (Surr)            | 53        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 16:46 | 100     |
| p-Terphenyl-d14             | 317       | S1+       | 28 - 130 | 11/11/25 08:31 | 11/19/25 16:46 | 100     |

Client Sample ID: DUPE-03

Lab Sample ID: 860-116013-9

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                   | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,1,1,1-Trichloroethane   | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,1,2,2-Tetrachloroethane | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: DUPE-03

Lab Sample ID: 860-116013-9

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                               | Result       | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11        | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,1,2-Trichloroethane                 | <0.411       | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,1-Dichloroethane                    | <0.635       | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,1-Dichloroethene                    | <0.738       | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,2,3-Trichloropropane                | <0.470       | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>1,2,4-Trimethylbenzene</b>         | <b>168</b>   |           | 1.00 | 0.417 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671       | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,2-Dibromoethane                     | <0.999       | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,2-Dichloroethane                    | <0.372       | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,2-Dichloropropane                   | <0.556       | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>1,3,5-Trimethylbenzene</b>         | <b>50.3</b>  |           | 1.00 | 0.411 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 1,3-Butadiene                         | <0.568       | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 2,2,4-Trimethylpentane                | <0.500       | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 2-Butanone (MEK)                      | <8.28        | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 16:28 | 1       |
| 2-Hexanone (MBK)                      | <5.00        | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:28 | 1       |
| 2-Propanol                            | <5.23        | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 16:28 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597       | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 16:28 | 1       |
| 4-Methyl-2-pentanone                  | <5.00        | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Acetone                               | <3.07        | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Acetonitrile                          | <14.6        | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Acrolein                              | <11.1        | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Acrylonitrile                         | <14.3        | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 16:28 | 1       |
| alpha-Chlorotoluene                   | <2.26        | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Bromodichloromethane                  | <0.552       | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Bromoform                             | <0.633       | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Bromomethane                          | <1.42        | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Carbon disulfide</b>               | <b>5.98</b>  |           | 5.00 | 1.65  | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Chlorobenzene</b>                  | <b>0.952</b> | <b>J</b>  | 1.00 | 0.455 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Chlorodibromomethane                  | <0.547       | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Chloroethane                          | <1.98        | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Chloroform</b>                     | <b>23.9</b>  |           | 1.00 | 0.464 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Chloromethane                         | <2.04        | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Chloroprene                           | <0.598       | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 16:28 | 1       |
| cis-1,2-Dichloroethene                | <0.457       | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 16:28 | 1       |
| cis-1,3-Dichloropropene               | <1.07        | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Cumene (isopropylbenzene)</b>      | <b>21.2</b>  |           | 1.00 | 0.592 | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Cyclohexane</b>                    | <b>178</b>   |           | 5.00 | 1.29  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Dibromomethane                        | <0.357       | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Dichlorodifluoromethane               | <0.785       | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Ethyl methacrylate                    | <1.12        | U         | 5.00 | 1.12  | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Hexane</b>                         | <b>21.1</b>  |           | 5.00 | 0.517 | ug/L |   |          | 11/11/25 16:28 | 1       |
| Iodomethane                           | <5.00        | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Isobutanol                            | <17.1        | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Methacrylonitrile                     | <2.72        | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Methyl methacrylate                   | <2.25        | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Methyl tert-butyl ether               | <1.39        | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Methylene Chloride                    | <1.73        | U         | 5.00 | 1.73  | ug/L |   |          | 11/11/25 16:28 | 1       |
| Propionitrile                         | <3.34        | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Propylbenzene</b>                  | <b>26.8</b>  |           | 1.00 | 0.429 | ug/L |   |          | 11/11/25 16:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: DUPE-03

Lab Sample ID: 860-116013-9

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result        | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|---------------|-----------|---------|----------|------|---|----------|----------------|---------|
| Styrene                     | <0.619        | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 16:28 | 1       |
| Tetrachloroethene           | <0.655        | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 16:28 | 1       |
| Tetrahydrofuran             | <1.83         | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>Toluene</b>              | <b>36.8</b>   |           | 1.00    | 0.475    | ug/L |   |          | 11/11/25 16:28 | 1       |
| trans-1,2-Dichloroethene    | <0.368        | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 16:28 | 1       |
| trans-1,3-Dichloropropene   | <1.27         | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 16:28 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35         | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 16:28 | 1       |
| Trichloroethene             | <1.50         | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 16:28 | 1       |
| Trichlorofluoromethane      | <0.560        | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 16:28 | 1       |
| Vinyl acetate               | <2.14         | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 16:28 | 1       |
| Vinyl chloride              | <0.428        | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 16:28 | 1       |
| <b>o-Xylene</b>             | <b>0.0155</b> |           | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 16:28 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 63 - 144 |          | 11/11/25 16:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 91        |           | 74 - 124 |          | 11/11/25 16:28 | 1       |
| Dibromofluoromethane (Surr)  | 90        |           | 75 - 131 |          | 11/11/25 16:28 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 11/11/25 16:28 | 1       |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

| Analyte               | Result       | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------|--------------|-----------|--------|--------|------|---|----------|----------------|---------|
| <b>Benzene</b>        | <b>1550</b>  |           | 20.0   | 9.19   | ug/L |   |          | 11/12/25 14:49 | 20      |
| Carbon tetrachloride  | <17.9        | U         | 40.0   | 17.9   | ug/L |   |          | 11/12/25 14:49 | 20      |
| <b>Ethylbenzene</b>   | <b>286</b>   |           | 20.0   | 7.70   | ug/L |   |          | 11/12/25 14:49 | 20      |
| <b>Xylenes, Total</b> | <b>415</b>   |           | 40.0   | 24.8   | ug/L |   |          | 11/12/25 14:49 | 20      |
| <b>m,p-Xylenes</b>    | <b>0.398</b> |           | 0.0400 | 0.0248 | mg/L |   |          | 11/12/25 14:49 | 20      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 63 - 144 |          | 11/12/25 14:49 | 20      |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 74 - 124 |          | 11/12/25 14:49 | 20      |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/12/25 14:49 | 20      |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/12/25 14:49 | 20      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result       | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121       | U         | 0.572 | 0.121 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,2-Dichlorobenzene          | <0.101       | U         | 0.572 | 0.101 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,3-Dichlorobenzene          | <0.108       | U         | 0.572 | 0.108 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,4-Dichlorobenzene          | <0.110       | U         | 0.572 | 0.110 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85        | U         | 2.86  | 1.85  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,4,5-Trichlorophenol        | <0.432       | U         | 0.572 | 0.432 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,4,6-Trichlorophenol        | <0.117       | U         | 0.572 | 0.117 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,4-Dichlorophenol           | <0.126       | U         | 0.572 | 0.126 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| <b>2,4-Dimethylphenol</b>    | <b>0.727</b> |           | 0.572 | 0.112 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,4-Dioxane                  | <0.105       | U         | 0.572 | 0.105 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,4-Dinitrophenol            | <1.38        | U         | 5.72  | 1.38  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,4-Dinitrotoluene           | <0.514       | U         | 1.14  | 0.514 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,6-Dinitrotoluene           | <0.273       | U         | 0.572 | 0.273 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Chloronaphthalene          | <0.118       | U         | 0.572 | 0.118 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| <b>2-Methylphenol</b>        | <b>0.236</b> | <b>J</b>  | 0.572 | 0.109 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: DUPE-03

Lab Sample ID: 860-116013-9

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Nitroaniline              | <0.158  | U         | 0.572 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.572 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 3 & 4 Methylphenol          | <0.0945 | U         | 0.572 | 0.0945 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 3-Nitroaniline              | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.572 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4-Chloroaniline             | <0.0882 | U *1      | 0.572 | 0.0882 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0955 | U         | 0.572 | 0.0955 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4-Nitroaniline              | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Acenaphthene                | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Aniline                     | <0.451  | U *- *1   | 1.14  | 0.451  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Anthracene                  | <0.104  | U         | 0.572 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.572 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Benzo[g,h,i]perylene        | <0.0904 | U         | 0.572 | 0.0904 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.572 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Benzyl alcohol              | <0.225  | U         | 2.86  | 0.225  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.572  | U         | 1.14  | 0.572  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.14  | 0.337  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Chrysene                    | <0.0967 | U         | 0.572 | 0.0967 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Dibenz(a,h)anthracene       | <0.0852 | U         | 0.114 | 0.0852 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Di-n-butyl phthalate        | <0.661  | U         | 1.14  | 0.661  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Di-n-octyl phthalate        | <0.286  | U *-      | 1.14  | 0.286  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Fluoranthene                | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Fluorene                    | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.572 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Isophorone                  | 0.314   | J I       | 0.572 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.572 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.572 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.572 | 0.312  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Phenanthrene                | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Phenol                      | <0.507  | U         | 1.14  | 0.507  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Pyrene                      | <0.129  | U         | 0.572 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Pyridine                    | <0.838  | U *-      | 2.86  | 0.838  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitro-o-toluidine         | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.572 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: DUPE-03

Lab Sample ID: 860-116013-9

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acetophenone                        | <0.139  | U *-      | 1.14  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosopiperidine                 | <0.632  | U         | 1.14  | 0.632  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Diphenyl ether                      | 6.08    |           | 0.572 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,1'-Biphenyl                       | 1.93    |           | 0.572 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U         | 0.572 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.572 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,3,5-Trinitrobenzene               | <0.654  | U *1      | 1.14  | 0.654  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,3-Dinitrobenzene                  | <0.588  | U         | 1.14  | 0.588  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1,4-Naphthoquinone                  | <0.0613 | U         | 0.572 | 0.0613 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 1-Naphthylamine                     | <0.270  | U         | 0.572 | 0.270  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,6-Dichlorophenol                  | 0.143   | J         | 0.572 | 0.0974 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U *-      | 2.86  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Naphthylamine                     | <0.412  | U *1      | 0.572 | 0.412  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Picoline                          | <1.03   | U * *1    | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Toluidine                         | <0.425  | U * *1    | 0.572 | 0.425  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 3,3'-Dichlorobenzidine              | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U * *1    | 0.572 | 0.295  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 3-Methylcholanthrene                | <0.0883 | U *-      | 0.572 | 0.0883 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.637  | U         | 1.14  | 0.637  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.572 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.72  | 1.45   | ug/L |   | 11/11/25 08:31 | 11/19/25 06:53 | 1       |
| Aramite Peak 1                      | <0.184  | U *-      | 0.572 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Aramite Peak 2                      | <0.203  | U *-      | 0.572 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.572 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Diallate                            | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Diallate Peak 1                     | <0.0749 | U *-      | 0.572 | 0.0749 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Diallate Peak 2                     | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Dimethoate                          | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Dinoseb                             | <0.677  | U **      | 2.86  | 0.677  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.86  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Ethyl Parathion                     | <0.626  | U **      | 1.14  | 0.626  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Famphur                             | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Hexachloropropene                   | <0.572  | U         | 0.572 | 0.572  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Isosafrole Peak 2                   | <0.0986 | U         | 0.572 | 0.0986 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Methapyrilene                       | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.86  | 2.77   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosodiethylamine               | <0.674  | U *-      | 1.14  | 0.674  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U         | 0.572 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosodi-n-butylamine            | <0.725  | U         | 1.14  | 0.725  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosomethylethylamine           | <0.702  | U         | 1.14  | 0.702  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosomorpholine                 | <0.714  | U         | 1.14  | 0.714  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: DUPE-03

Lab Sample ID: 860-116013-9

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| p-Dimethylamino azobenzene | <0.154  | U         | 0.572 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Pentachloronitrobenzene    | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Phenacetin                 | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Phorate                    | <2.61   | U **      | 5.72  | 2.61   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| p-Phenylene diamine        | <5.72   | U *1      | 5.72  | 5.72   | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Pronamide                  | <0.134  | U *-      | 0.572 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Safrole, Total             | <0.0922 | U *-      | 0.572 | 0.0922 | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Sulfotepp                  | <0.472  | U **      | 1.14  | 0.472  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Thionazin                  | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/11/25 08:31 | 11/14/25 22:54 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 82        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2,4,6-Tribromophenol (Surr) | 106       |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 06:53 | 1       |
| 2-Fluorobiphenyl            | 85        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Fluorobiphenyl            | 87        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 06:53 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| 2-Fluorophenol (Surr)       | 38        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 06:53 | 1       |
| Nitrobenzene-d5 (Surr)      | 92        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Nitrobenzene-d5 (Surr)      | 95        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 06:53 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 06:53 | 1       |
| p-Terphenyl-d14             | 86        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 22:54 | 1       |
| p-Terphenyl-d14             | 83        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 06:53 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 2-Methylnaphthalene | 48.7   | J         | 57.2 | 10.9 | ug/L |   | 11/11/25 08:31 | 11/19/25 17:42 | 100     |
| Naphthalene         | 240    |           | 57.2 | 11.4 | ug/L |   | 11/11/25 08:31 | 11/19/25 17:42 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 185       | S1+       | 26 - 136 | 11/11/25 08:31 | 11/19/25 17:42 | 100     |
| 2-Fluorobiphenyl            | 198       | S1+       | 39 - 130 | 11/11/25 08:31 | 11/19/25 17:42 | 100     |
| 2-Fluorophenol (Surr)       | 62        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 17:42 | 100     |
| Nitrobenzene-d5 (Surr)      | 172       | S1+       | 32 - 133 | 11/11/25 08:31 | 11/19/25 17:42 | 100     |
| Phenol-d5 (Surr)            | 58        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 17:42 | 100     |
| p-Terphenyl-d14             | 326       | S1+       | 28 - 130 | 11/11/25 08:31 | 11/19/25 17:42 | 100     |

Client Sample ID: MW-69

Lab Sample ID: 860-116013-10

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 13:44 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-69

Lab Sample ID: 860-116013-10

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene           | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 13:44 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:44 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 13:44 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 13:44 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 13:44 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 13:44 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 13:44 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 13:44 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 13:44 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 13:44 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-69

Lab Sample ID: 860-116013-10

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 13:44 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 13:44 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 13:44 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 13:44 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 13:44 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 13:44 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 13:44 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 13:44 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 13:44 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 13:44 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 13:44 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 13:44 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 63 - 144 |          | 11/11/25 13:44 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          | 11/11/25 13:44 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/11/25 13:44 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 11/11/25 13:44 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Methylnaphthalene          | 1.11    |           | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4-Chloroaniline              | <0.0881 | U *1      | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Acenaphthene                 | 0.129   | J         | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Aniline                      | <0.450  | U *- *1   | 1.14  | 0.450  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-69

Lab Sample ID: 860-116013-10

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result      | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Anthracene                  | <0.104      | U         | 0.571 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Benzo[a]anthracene          | <0.127      | U         | 0.286 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Benzo[a]pyrene              | <0.107      | U         | 0.286 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Benzo[b]fluoranthene        | <0.124      | U         | 0.571 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Benzo[g,h,i]perylene        | <0.0903     | U         | 0.571 | 0.0903 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Benzo[k]fluoranthene        | <0.123      | U         | 0.571 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Benzyl alcohol              | <0.224      | U         | 2.86  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107      | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Bis(2-chloroethyl)ether     | <0.107      | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571      | U         | 1.14  | 0.571  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Butyl benzyl phthalate      | <0.336      | U         | 1.14  | 0.336  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Chrysene                    | <0.0965     | U         | 0.571 | 0.0965 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Dibenz(a,h)anthracene       | <0.0851     | U         | 0.114 | 0.0851 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Dibenzofuran                | <0.112      | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Diethyl phthalate           | <0.187      | U         | 1.14  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Dimethyl phthalate          | <0.133      | U         | 1.14  | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Di-n-butyl phthalate        | <0.660      | U         | 1.14  | 0.660  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Di-n-octyl phthalate        | <0.286      | U *       | 1.14  | 0.286  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Fluoranthene                | <0.120      | U         | 0.571 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Fluorene                    | <0.113      | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Hexachlorobenzene           | <0.132      | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Hexachlorobutadiene         | <0.162      | U         | 0.571 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Hexachlorocyclopentadiene   | <0.179      | U         | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Hexachloroethane            | <0.125      | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103      | U         | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Isophorone                  | <0.106      | U         | 0.571 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| <b>Naphthalene</b>          | <b>1.25</b> |           | 0.571 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Nitrobenzene                | <0.152      | U         | 0.571 | 0.152  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147      | U         | 0.571 | 0.147  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosodiphenylamine      | <0.112      | U         | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Pentachlorophenol           | <0.312      | U         | 0.571 | 0.312  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Phenanthrene                | <0.107      | U         | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| <b>Phenol</b>               | <b>7.61</b> |           | 1.14  | 0.506  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Pyrene                      | <0.129      | U         | 0.571 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Pyridine                    | <0.837      | U *       | 2.86  | 0.837  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitro-o-toluidine         | <0.651      | U         | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254      | U         | 0.571 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Acetophenone                | <0.138      | U *       | 1.14  | 0.138  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosopiperidine         | <0.631      | U         | 1.14  | 0.631  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Pentachlorobenzene          | <0.125      | U         | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Diphenyl ether              | <0.101      | U         | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,1'-Biphenyl               | <0.113      | U         | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4-Aminobiphenyl             | <0.195      | U         | 0.571 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115      | U         | 0.571 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653      | U *1      | 1.14  | 0.653  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,3-Dinitrobenzene          | <0.587      | U         | 1.14  | 0.587  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1,4-Naphthoquinone          | <0.0612     | U         | 0.571 | 0.0612 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 1-Naphthylamine             | <0.269      | U         | 0.571 | 0.269  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2,6-Dichlorophenol          | <0.0973     | U         | 0.571 | 0.0973 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-69

Lab Sample ID: 860-116013-10

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Acetylaminofluorene               | <1.71   | U *-      | 2.86  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Naphthylamine                     | <0.412  | U *1      | 0.571 | 0.412  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Toluidine                         | <0.424  | U *- *1   | 0.571 | 0.424  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U *- *1   | 0.571 | 0.295  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 3-Methylcholanthrene                | <0.0881 | U *-      | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.71  | 1.45   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Aramite Peak 1                      | <0.184  | U *-      | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Aramite Peak 2                      | <0.203  | U *-      | 0.571 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Diallate                            | <0.0299 | U *-      | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Diallate Peak 1                     | <0.0748 | U *-      | 0.571 | 0.0748 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Diallate Peak 2                     | <0.0299 | U *-      | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Dimethoate                          | <0.499  | U *+      | 2.86  | 0.499  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Dinoseb                             | <0.676  | U *+      | 2.86  | 0.676  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Disulfoton                          | <2.15   | U *+      | 2.86  | 2.15   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Ethyl Parathion                     | <0.625  | U *+      | 1.14  | 0.625  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Famphur                             | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Hexachloropropene                   | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Isosafrole Peak 2                   | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Methapyrilene                       | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Methyl parathion                    | <2.76   | U *+      | 2.86  | 2.76   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosodiethylamine               | <0.673  | U *-      | 1.14  | 0.673  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosomethylethylamine           | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosomorpholine                 | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Phenacetin                          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Phorate                             | <2.61   | U *+      | 5.71  | 2.61   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| p-Phenylene diamine                 | <5.71   | U *1      | 5.71  | 5.71   | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Pronamide                           | <0.134  | U *-      | 0.571 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Safrole, Total                      | <0.0920 | U *-      | 0.571 | 0.0920 | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Sulfotepp                           | <0.471  | U *+      | 1.14  | 0.471  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Thionazin                           | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/11/25 08:31 | 11/14/25 19:34 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 84        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Fluorobiphenyl            | 74        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| 2-Fluorophenol (Surr)       | 35        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 19:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-69

Lab Sample ID: 860-116013-10

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr) | 79        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| Phenol-d5 (Surr)       | 21        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 19:34 | 1       |
| p-Terphenyl-d14        | 78        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 19:34 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.571 | 0.159 | ug/L |   | 11/11/25 08:31 | 11/19/25 05:28 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 79        |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 05:28 | 1       |
| 2-Fluorobiphenyl            | 76        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 05:28 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 05:28 | 1       |
| Nitrobenzene-d5 (Surr)      | 84        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 05:28 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 05:28 | 1       |
| p-Terphenyl-d14             | 75        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 05:28 | 1       |

Client Sample ID: FB-03

Lab Sample ID: 860-116013-11

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 11:41 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 11:41 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 11:41 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 11:41 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 11:41 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 11:41 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 11:41 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 11:41 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 11:41 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 11:41 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 11:41 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 11:41 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: FB-03

Lab Sample ID: 860-116013-11

Date Collected: 11/05/25 14:34

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/11/25 11:41 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/11/25 11:41 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Cumene (isopropylbenzene)   | 5.14      |           | 1.00    | 0.592    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Cyclohexane                 | 9.69      |           | 5.00    | 1.29     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Propylbenzene               | 2.58      |           | 1.00    | 0.429    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/11/25 11:41 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/11/25 11:41 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/11/25 11:41 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 11:41 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 11:41 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 11:41 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 11:41 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 11:41 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 63 - 144 |          | 11/11/25 11:41 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |          | 11/11/25 11:41 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/11/25 11:41 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 11/11/25 11:41 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-64

Lab Sample ID: 860-116013-12

Date Collected: 11/05/25 15:11

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <6.44  | U         | 10.0 | 6.44 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,1,1-Trichloroethane                 | <5.85  | U         | 50.0 | 5.85 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,1,2,2-Tetrachloroethane             | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1  | U         | 100  | 11.1 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,1,2-Trichloroethane                 | <4.11  | U         | 10.0 | 4.11 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,1-Dichloroethane                    | <6.35  | U         | 10.0 | 6.35 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,1-Dichloroethene                    | <7.38  | U         | 10.0 | 7.38 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,2,3-Trichloropropane                | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,2,4-Trimethylbenzene                | 21.5   |           | 10.0 | 4.17 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,2-Dibromo-3-Chloropropane           | <6.71  | U         | 50.0 | 6.71 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,2-Dibromoethane                     | <9.99  | U         | 50.0 | 9.99 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,2-Dichloroethane                    | <3.72  | U         | 10.0 | 3.72 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,2-Dichloropropane                   | <5.56  | U         | 50.0 | 5.56 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,3,5-Trimethylbenzene                | 11.6   |           | 10.0 | 4.11 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 1,3-Butadiene                         | <5.68  | U         | 10.0 | 5.68 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 2,2,4-Trimethylpentane                | <5.00  | U         | 50.0 | 5.00 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 2-Butanone (MEK)                      | <82.8  | U         | 500  | 82.8 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 2-Hexanone (MBK)                      | <50.0  | U         | 500  | 50.0 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 2-Propanol                            | <52.3  | U         | 100  | 52.3 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 3-Chloropropene (Allyl Chloride)      | <5.97  | U         | 50.0 | 5.97 | ug/L |   |          | 11/11/25 17:30 | 10      |
| 4-Methyl-2-pentanone                  | <50.0  | U         | 500  | 50.0 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Acetone                               | <30.7  | U         | 1000 | 30.7 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Acetonitrile                          | <146   | U         | 1000 | 146  | ug/L |   |          | 11/11/25 17:30 | 10      |
| Acrolein                              | <111   | U         | 500  | 111  | ug/L |   |          | 11/11/25 17:30 | 10      |
| Acrylonitrile                         | <143   | U         | 500  | 143  | ug/L |   |          | 11/11/25 17:30 | 10      |
| alpha-Chlorotoluene                   | <22.6  | U         | 50.0 | 22.6 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Benzene                               | 1260   |           | 10.0 | 4.60 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Bromodichloromethane                  | <5.52  | U         | 10.0 | 5.52 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Bromoform                             | <6.33  | U         | 50.0 | 6.33 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Bromomethane                          | <14.2  | U         | 50.0 | 14.2 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Carbon disulfide                      | <16.5  | U         | 50.0 | 16.5 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Carbon tetrachloride                  | <8.96  | U         | 20.0 | 8.96 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Chlorobenzene                         | <4.55  | U         | 10.0 | 4.55 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Chlorodibromomethane                  | <5.47  | U         | 50.0 | 5.47 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Chloroethane                          | <19.8  | U         | 100  | 19.8 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Chloroform                            | <4.64  | U         | 10.0 | 4.64 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Chloromethane                         | <20.4  | U         | 100  | 20.4 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Chloroprene                           | <5.98  | U         | 50.0 | 5.98 | ug/L |   |          | 11/11/25 17:30 | 10      |
| cis-1,2-Dichloroethene                | <4.57  | U         | 10.0 | 4.57 | ug/L |   |          | 11/11/25 17:30 | 10      |
| cis-1,3-Dichloropropene               | <10.7  | U         | 50.0 | 10.7 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Cumene (isopropylbenzene)             | 48.7   |           | 10.0 | 5.92 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Cyclohexane                           | 289    |           | 50.0 | 12.9 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Dibromomethane                        | <3.57  | U         | 10.0 | 3.57 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Dichlorodifluoromethane               | <7.85  | U         | 10.0 | 7.85 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Ethyl methacrylate                    | <11.2  | U         | 50.0 | 11.2 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Ethylbenzene                          | 190    |           | 10.0 | 3.85 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Hexane                                | 8.04 J |           | 50.0 | 5.17 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Iodomethane                           | <50.0  | U         | 200  | 50.0 | ug/L |   |          | 11/11/25 17:30 | 10      |
| Isobutanol                            | <171   | U         | 500  | 171  | ug/L |   |          | 11/11/25 17:30 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-64

Lab Sample ID: 860-116013-12

Date Collected: 11/05/25 15:11

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result  | Qualifier | RL     | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|--------|---------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <27.2   | U         | 100    | 27.2    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Methyl methacrylate         | <22.5   | U         | 100    | 22.5    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Methyl tert-butyl ether     | <13.9   | U         | 50.0   | 13.9    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Methylene Chloride          | <17.3   | U         | 50.0   | 17.3    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Propionitrile               | <33.4   | U         | 100    | 33.4    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Propylbenzene               | 78.1    |           | 10.0   | 4.29    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Styrene                     | <6.19   | U         | 10.0   | 6.19    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Tetrachloroethene           | <6.55   | U         | 10.0   | 6.55    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Tetrahydrofuran             | <18.3   | U         | 100    | 18.3    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Toluene                     | 34.3    |           | 10.0   | 4.75    | ug/L |   |          | 11/11/25 17:30 | 10      |
| trans-1,2-Dichloroethene    | <3.68   | U         | 10.0   | 3.68    | ug/L |   |          | 11/11/25 17:30 | 10      |
| trans-1,3-Dichloropropene   | <12.7   | U         | 50.0   | 12.7    | ug/L |   |          | 11/11/25 17:30 | 10      |
| trans-1,4-Dichloro-2-butene | <13.5   | U         | 100    | 13.5    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Trichloroethene             | <15.0   | U         | 50.0   | 15.0    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Trichlorofluoromethane      | <5.60   | U         | 10.0   | 5.60    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Vinyl acetate               | <21.4   | U         | 200    | 21.4    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Vinyl chloride              | <4.28   | U         | 20.0   | 4.28    | ug/L |   |          | 11/11/25 17:30 | 10      |
| Xylenes, Total              | 108     |           | 20.0   | 12.4    | ug/L |   |          | 11/11/25 17:30 | 10      |
| m,p-Xylenes                 | 0.100   |           | 0.0200 | 0.0124  | mg/L |   |          | 11/11/25 17:30 | 10      |
| o-Xylene                    | 0.00781 | J         | 0.0100 | 0.00502 | mg/L |   |          | 11/11/25 17:30 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89        |           | 63 - 144 |          | 11/11/25 17:30 | 10      |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 74 - 124 |          | 11/11/25 17:30 | 10      |
| Dibromofluoromethane (Surr)  | 90        |           | 75 - 131 |          | 11/11/25 17:30 | 10      |
| Toluene-d8 (Surr)            | 97        |           | 80 - 120 |          | 11/11/25 17:30 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.574 | 0.121  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.574 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.574 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.574 | 0.110  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86   | U         | 2.87  | 1.86   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,4,5-Trichlorophenol        | <0.433  | U         | 0.574 | 0.433  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.574 | 0.117  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,4-Dimethylphenol           | 0.488   | J         | 0.574 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.574 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.74  | 1.39   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,4-Dinitrotoluene           | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,6-Dinitrotoluene           | <0.274  | U         | 0.574 | 0.274  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.574 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.574 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.574 | 0.159  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.574 | 0.138  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 3 & 4 Methylphenol           | <0.0948 | U         | 0.574 | 0.0948 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 3-Nitroaniline               | <0.224  | U         | 1.15  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.574 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-64

Lab Sample ID: 860-116013-12

Date Collected: 11/05/25 15:11

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.574 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 4-Chloroaniline             | <0.0885 | U *1      | 0.574 | 0.0885 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0958 | U         | 0.574 | 0.0958 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Acenaphthene                | <0.102  | U         | 0.574 | 0.102  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Acenaphthylene              | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Aniline                     | <0.452  | U *- *1   | 1.15  | 0.452  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Anthracene                  | <0.104  | U         | 0.574 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.574 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Benzo[g,h,i]perylene        | <0.0907 | U         | 0.574 | 0.0907 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.574 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Benzyl alcohol              | <0.225  | U         | 2.87  | 0.225  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.574 | 0.108  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.574 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Butyl benzyl phthalate      | <0.338  | U         | 1.15  | 0.338  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Chrysene                    | <0.0969 | U         | 0.574 | 0.0969 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Dibenz(a,h)anthracene       | <0.0854 | U         | 0.115 | 0.0854 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Diethyl phthalate           | <0.188  | U         | 1.15  | 0.188  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Di-n-butyl phthalate        | <0.663  | U         | 1.15  | 0.663  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Di-n-octyl phthalate        | <0.287  | U *-      | 1.15  | 0.287  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Fluoranthene                | <0.120  | U         | 0.574 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Fluorene                    | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Hexachlorobenzene           | <0.133  | U         | 0.574 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.574 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.574 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.574 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Isophorone                  | <0.106  | U         | 0.574 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.574 | 0.153  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.574 | 0.148  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.574 | 0.313  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Phenanthrene                | <0.107  | U         | 0.574 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Phenol                      | 1.43    |           | 1.15  | 0.509  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Pyrene                      | <0.130  | U         | 0.574 | 0.130  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Pyridine                    | <0.840  | U *-      | 2.87  | 0.840  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitro-o-toluidine         | <0.654  | U         | 1.15  | 0.654  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.255  | U         | 0.574 | 0.255  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Acetophenone                | <0.139  | U *-      | 1.15  | 0.139  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosopiperidine         | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Pentachlorobenzene          | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Diphenyl ether              | 2.37    | I         | 0.574 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,1'-Biphenyl               | 0.595   |           | 0.574 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 4-Aminobiphenyl             | <0.196  | U         | 0.574 | 0.196  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-64

Lab Sample ID: 860-116013-12

Date Collected: 11/05/25 15:11

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene          | <0.116       | U         | 0.574 | 0.116  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,3,5-Trinitrobenzene               | <0.656       | U *1      | 1.15  | 0.656  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,3-Dinitrobenzene                  | <0.590       | U         | 1.15  | 0.590  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1,4-Naphthoquinone                  | <0.0615      | U         | 0.574 | 0.0615 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 1-Naphthylamine                     | <0.271       | U         | 0.574 | 0.271  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,6-Dichlorophenol                  | <0.0977      | U         | 0.574 | 0.0977 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Acetylaminofluorene               | <1.71        | U *-      | 2.87  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Chlorophenol                      | <0.103       | U         | 0.574 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Naphthylamine                     | <0.414       | U *1      | 0.574 | 0.414  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Picoline                          | <1.04        | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Toluidine                         | <0.426       | U *- *1   | 0.574 | 0.426  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652       | U         | 1.15  | 0.652  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296       | U *- *1   | 0.574 | 0.296  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 3-Methylcholanthrene                | <0.0885      | U *-      | 0.574 | 0.0885 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.639       | U         | 1.15  | 0.639  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128       | U         | 0.574 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46        | U *-      | 5.74  | 1.46   | ug/L |   | 11/11/25 08:31 | 11/19/25 07:23 | 1       |
| Aramite Peak 1                      | <0.185       | U *-      | 0.574 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Aramite Peak 2                      | <0.204       | U *-      | 0.574 | 0.204  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Aramite, Total                      | <0.185       | U *-      | 0.574 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Diallate                            | <0.0300      | U *-      | 0.574 | 0.0300 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Diallate Peak 1                     | <0.0751      | U *-      | 0.574 | 0.0751 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Diallate Peak 2                     | <0.0300      | U *-      | 0.574 | 0.0300 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Dimethoate                          | <0.501       | U **      | 2.87  | 0.501  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Dinoseb                             | <0.679       | U **      | 2.87  | 0.679  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Disulfoton                          | <2.16        | U **      | 2.87  | 2.16   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Ethyl methanesulfonate              | <0.186       | U         | 0.574 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Ethyl Parathion                     | <0.628       | U **      | 1.15  | 0.628  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Famphur                             | <0.260       | U         | 1.15  | 0.260  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Hexachloropropene                   | <0.574       | U         | 0.574 | 0.574  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Isosafrole                          | <0.0231      | U         | 0.574 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Isosafrole Peak 1                   | <0.0231      | U         | 0.574 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Isosafrole Peak 2                   | <0.0989      | U         | 0.574 | 0.0989 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Methapyrilene                       | <1.53        | U         | 2.30  | 1.53   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Methyl methanesulfonate             | <0.187       | U         | 0.574 | 0.187  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Methyl parathion                    | <2.78        | U **      | 2.87  | 2.78   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosodiethylamine               | <0.676       | U *-      | 1.15  | 0.676  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| <b>N-Nitrosodimethylamine</b>       | <b>0.165</b> | <b>J</b>  | 0.574 | 0.160  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosodi-n-butylamine            | <0.727       | U         | 1.15  | 0.727  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosomethylethylamine           | <0.704       | U         | 1.15  | 0.704  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosomorpholine                 | <0.716       | U         | 1.15  | 0.716  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| N-Nitrosopyrrolidine                | <0.109       | U         | 0.574 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.133       | U         | 0.574 | 0.133  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| p-Dimethylamino azobenzene          | <0.155       | U         | 0.574 | 0.155  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Pentachloronitrobenzene             | <0.254       | U         | 0.574 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Phenacetin                          | <0.253       | U         | 0.574 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Phorate                             | <2.62        | U **      | 5.74  | 2.62   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| p-Phenylene diamine                 | <5.74        | U *1      | 5.74  | 5.74   | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Pronamide                           | <0.135       | U *-      | 0.574 | 0.135  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: MW-64

Lab Sample ID: 860-116013-12

Date Collected: 11/05/25 15:11

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0924 | U *-      | 0.574 | 0.0924 | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Sulfotepp      | <0.473  | U **      | 1.15  | 0.473  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Thionazin      | <0.341  | U         | 1.15  | 0.341  | ug/L |   | 11/11/25 08:31 | 11/14/25 23:24 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 79        |           | 26 - 136 | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2,4,6-Tribromophenol (Surr) | 100       |           | 26 - 136 | 11/11/25 08:31 | 11/19/25 07:23 | 1       |
| 2-Fluorobiphenyl            | 79        |           | 39 - 130 | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Fluorobiphenyl            | 81        |           | 39 - 130 | 11/11/25 08:31 | 11/19/25 07:23 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 07:23 | 1       |
| Nitrobenzene-d5 (Surr)      | 84        |           | 32 - 133 | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 83        |           | 32 - 133 | 11/11/25 08:31 | 11/19/25 07:23 | 1       |
| Phenol-d5 (Surr)            | 34        |           | 8 - 124  | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 07:23 | 1       |
| p-Terphenyl-d14             | 72        |           | 28 - 130 | 11/11/25 08:31 | 11/14/25 23:24 | 1       |
| p-Terphenyl-d14             | 74        |           | 28 - 130 | 11/11/25 08:31 | 11/19/25 07:23 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 2-Methylnaphthalene | 91.3   |           | 57.4 | 10.9 | ug/L |   | 11/11/25 08:31 | 11/19/25 18:38 | 100     |
| Naphthalene         | 397    |           | 57.4 | 11.5 | ug/L |   | 11/11/25 08:31 | 11/19/25 18:38 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 294       | S1+       | 26 - 136 | 11/11/25 08:31 | 11/19/25 18:38 | 100     |
| 2-Fluorobiphenyl            | 235       | S1+       | 39 - 130 | 11/11/25 08:31 | 11/19/25 18:38 | 100     |
| 2-Fluorophenol (Surr)       | 83        |           | 19 - 120 | 11/11/25 08:31 | 11/19/25 18:38 | 100     |
| Nitrobenzene-d5 (Surr)      | 202       | S1+       | 32 - 133 | 11/11/25 08:31 | 11/19/25 18:38 | 100     |
| Phenol-d5 (Surr)            | 77        |           | 8 - 124  | 11/11/25 08:31 | 11/19/25 18:38 | 100     |
| p-Terphenyl-d14             | 299       | S1+       | 28 - 130 | 11/11/25 08:31 | 11/19/25 18:38 | 100     |

Client Sample ID: TB-03

Lab Sample ID: 860-116013-13

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/11/25 11:20 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: TB-03

Lab Sample ID: 860-116013-13

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/11/25 11:20 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 11:20 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/11/25 11:20 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/11/25 11:20 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/11/25 11:20 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/11/25 11:20 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/11/25 11:20 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/11/25 11:20 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/11/25 11:20 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/11/25 11:20 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/11/25 11:20 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/11/25 11:20 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/11/25 11:20 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

Client Sample ID: TB-03

Lab Sample ID: 860-116013-13

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 09:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Trichlorofluoromethane | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/11/25 11:20 | 1       |
| Vinyl acetate          | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/11/25 11:20 | 1       |
| Vinyl chloride         | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/11/25 11:20 | 1       |
| Xylenes, Total         | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/11/25 11:20 | 1       |
| m,p-Xylenes            | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 11:20 | 1       |
| o-Xylene               | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 11:20 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 63 - 144 |          | 11/11/25 11:20 | 1       |
| 4-Bromofluorobenzene (Surr)  | 91        |           | 74 - 124 |          | 11/11/25 11:20 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/11/25 11:20 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 11/11/25 11:20 | 1       |

# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                                    |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-116013-1                       | MW-71                  | 96                                             | 92              | 97               | 96              |
| 860-116013-1 MS                    | MW-71                  | 87                                             | 96              | 91               | 96              |
| 860-116013-2                       | MW-70                  | 91                                             | 94              | 96               | 93              |
| 860-116013-3                       | MW-65                  | 94                                             | 92              | 96               | 94              |
| 860-116013-4                       | MW-72                  | 98                                             | 90              | 96               | 96              |
| 860-116013-5                       | MW-67                  | 89                                             | 89              | 88               | 94              |
| 860-116013-6                       | MW-68                  | 89                                             | 93              | 92               | 97              |
| 860-116013-7                       | RB-03                  | 97                                             | 92              | 97               | 95              |
| 860-116013-8                       | MW-66                  | 92                                             | 89              | 92               | 94              |
| 860-116013-9                       | DUPE-03                | 87                                             | 91              | 90               | 94              |
| 860-116013-9 - DL                  | DUPE-03                | 97                                             | 103             | 101              | 101             |
| 860-116013-10                      | MW-69                  | 97                                             | 93              | 96               | 94              |
| 860-116013-11                      | FB-03                  | 92                                             | 96              | 96               | 95              |
| 860-116013-12                      | MW-64                  | 89                                             | 92              | 90               | 97              |
| 860-116013-13                      | TB-03                  | 94                                             | 91              | 96               | 95              |
| 870-41442-H-4 MS                   | Matrix Spike           | 95                                             | 103             | 102              | 102             |
| LCS 860-274815/3                   | Lab Control Sample     | 90                                             | 93              | 91               | 95              |
| LCSD 860-274815/4                  | Lab Control Sample Dup | 88                                             | 94              | 92               | 97              |
| LCSD 860-275131/4                  | Lab Control Sample Dup | 95                                             | 103             | 99               | 105             |
| MB 860-274815/9                    | Method Blank           | 99                                             | 92              | 94               | 96              |
| MB 860-275131/9                    | Method Blank           | 97                                             | 103             | 100              | 103             |
| <b>Surrogate Legend</b>            |                        |                                                |                 |                  |                 |
| DCA = 1,2-Dichloroethane-d4 (Surr) |                        |                                                |                 |                  |                 |
| BFB = 4-Bromofluorobenzene (Surr)  |                        |                                                |                 |                  |                 |
| DBFM = Dibromofluoromethane (Surr) |                        |                                                |                 |                  |                 |
| TOL = Toluene-d8 (Surr)            |                        |                                                |                 |                  |                 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-------------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                   |                  | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116013-1      | MW-71            | 71                                             | 80              | 46              | 79              | 25             | 85                 |
| 860-116013-1 - RA | MW-71            | 76                                             | 79              | 38              | 84              | 22             | 83                 |
| 860-116013-2      | MW-70            | 84                                             | 92              | 52              | 89              | 31             | 93                 |
| 860-116013-2 - RA | MW-70            | 98                                             | 94              | 44              | 96              | 25             | 95                 |
| 860-116013-3      | MW-65            | 77                                             | 88              | 48              | 91              | 26             | 89                 |
| 860-116013-3 - RA | MW-65            | 91                                             | 95              | 42              | 98              | 22             | 94                 |
| 860-116013-4      | MW-72            | 63                                             | 80              | 37              | 74              | 18             | 75                 |
| 860-116013-4 - RA | MW-72            | 81                                             | 77              | 32              | 88              | 15             | 81                 |
| 860-116013-5      | MW-67            | 76                                             | 82              | 36              | 80              | 24             | 81                 |
| 860-116013-5 - RA | MW-67            | 96                                             | 82              | 32              | 88              | 19             | 82                 |
| 860-116013-5 - DL | MW-67            | 282 S1+                                        | 117             | 53              | 96              | 51             | 115                |
| 860-116013-6      | MW-68            | 84                                             | 89              | 48              | 91              | 33             | 87                 |
| 860-116013-6      | MW-68            | 108                                            | 94              | 42              | 90              | 27             | 88                 |
| 860-116013-6 - DL | MW-68            | 218 S1+                                        | 242 S1+         | 83              | 176 S1+         | 66             | 430 S1+            |
| 860-116013-7      | RB-03            | 76                                             | 88              | 47              | 85              | 24             | 73                 |
| 860-116013-7      | RB-03            | 103                                            | 96              | 40              | 95              | 20             | 75                 |

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# Surrogate Summary

Client: Arcadis US Inc.

Job ID: 860-116013-1

Project/Site: Hercules Hattiesburg, MS

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID            | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|--------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                          |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116013-8             | MW-66                  | 81                                             | 85              | 45              | 91              | 29             | 81                 |
| 860-116013-8             | MW-66                  | 105                                            | 91              | 41              | 93              | 24             | 80                 |
| 860-116013-8 - DL        | MW-66                  | 200 S1+                                        | 242 S1+         | 72              | 158 S1+         | 53             | 317 S1+            |
| 860-116013-9             | DUPE-03                | 82                                             | 85              | 42              | 92              | 27             | 86                 |
| 860-116013-9             | DUPE-03                | 106                                            | 87              | 38              | 95              | 22             | 83                 |
| 860-116013-9 - DL        | DUPE-03                | 185 S1+                                        | 198 S1+         | 62              | 172 S1+         | 58             | 326 S1+            |
| 860-116013-10            | MW-69                  | 84                                             | 74              | 35              | 79              | 21             | 78                 |
| 860-116013-10 - RA       | MW-69                  | 79                                             | 76              | 42              | 84              | 25             | 75                 |
| 860-116013-12            | MW-64                  | 79                                             | 79              | 46              | 84              | 34             | 72                 |
| 860-116013-12            | MW-64                  | 100                                            | 81              | 42              | 83              | 28             | 74                 |
| 860-116013-12 - DL       | MW-64                  | 294 S1+                                        | 235 S1+         | 83              | 202 S1+         | 77             | 299 S1+            |
| LCS 860-274823/2-A       | Lab Control Sample     | 70                                             | 70              | 67              | 76              | 67             | 70                 |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | 52                                             | 49              | 53              | 64              | 48             | 51                 |
| LCS 860-274823/4-A       | Lab Control Sample     | 73                                             | 71              | 68              | 79              | 67             | 69                 |
| LCSD 860-274823/3-A      | Lab Control Sample Dup | 75                                             | 72              | 72              | 83              | 71             | 72                 |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | 48                                             | 52              | 51              | 59              | 45             | 50                 |
| LCSD 860-274823/5-A      | Lab Control Sample Dup | 69                                             | 71              | 64              | 78              | 65             | 64                 |
| MB 860-274823/1-A        | Method Blank           | 83                                             | 95              | 100             | 95              | 89             | 99                 |
| MB 860-274823/1-A - RA   | Method Blank           | 67                                             | 88              | 88              | 94              | 73             | 86 *3              |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-274815/9

Matrix: Water

Analysis Batch: 274815

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/11/25 10:39 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/11/25 10:39 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/11/25 10:39 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/11/25 10:39 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/11/25 10:39 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/11/25 10:39 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/11/25 10:39 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/11/25 10:39 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/11/25 10:39 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/11/25 10:39 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-274815/9

Matrix: Water

Analysis Batch: 274815

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/11/25 10:39 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/11/25 10:39 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/11/25 10:39 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/11/25 10:39 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/11/25 10:39 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/11/25 10:39 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/11/25 10:39 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/11/25 10:39 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/11/25 10:39 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/11/25 10:39 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/11/25 10:39 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/11/25 10:39 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99           |              | 63 - 144 |          | 11/11/25 10:39 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92           |              | 74 - 124 |          | 11/11/25 10:39 | 1       |
| Dibromofluoromethane (Surr)  | 94           |              | 75 - 131 |          | 11/11/25 10:39 | 1       |
| Toluene-d8 (Surr)            | 96           |              | 80 - 120 |          | 11/11/25 10:39 | 1       |

Lab Sample ID: LCS 860-274815/3

Matrix: Water

Analysis Batch: 274815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 53.43      |               | ug/L |   | 107  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 47.15      |               | ug/L |   | 94   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 48.31      |               | ug/L |   | 97   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 53.45      |               | ug/L |   | 107  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 48.95      |               | ug/L |   | 98   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 44.91      |               | ug/L |   | 90   | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 48.23      |               | ug/L |   | 96   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 49.65      |               | ug/L |   | 99   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 52.63      |               | ug/L |   | 105  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 57.78      |               | ug/L |   | 116  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 52.14      |               | ug/L |   | 104  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 47.10      |               | ug/L |   | 94   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 46.75      |               | ug/L |   | 93   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 51.38      |               | ug/L |   | 103  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 46.31      |               | ug/L |   | 93   | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-274815/3

Matrix: Water

Analysis Batch: 274815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 45.94      |               | ug/L |   | 92   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 286.4      |               | ug/L |   | 115  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 284.0      |               | ug/L |   | 114  | 60 - 140    |
| 2-Propanol                       | 500         | 599.3      |               | ug/L |   | 120  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 47.01      |               | ug/L |   | 94   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 284.8      |               | ug/L |   | 114  | 60 - 140    |
| Acetone                          | 250         | 260.0      |               | ug/L |   | 104  | 60 - 140    |
| Acetonitrile                     | 500         | 423.5      |               | ug/L |   | 85   | 60 - 140    |
| Acrolein                         | 250         | 209.3      |               | ug/L |   | 84   | 60 - 140    |
| Acrylonitrile                    | 500         | 446.7      |               | ug/L |   | 89   | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 55.85      |               | ug/L |   | 112  | 70 - 130    |
| Benzene                          | 50.0        | 48.24      |               | ug/L |   | 96   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 50.54      |               | ug/L |   | 101  | 65 - 135    |
| Bromoform                        | 50.0        | 59.00      |               | ug/L |   | 118  | 70 - 130    |
| Bromomethane                     | 50.0        | 44.64      |               | ug/L |   | 89   | 49 - 140    |
| Carbon disulfide                 | 50.0        | 42.62      |               | ug/L |   | 85   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 48.85      |               | ug/L |   | 98   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 52.21      |               | ug/L |   | 104  | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 54.27      |               | ug/L |   | 109  | 70 - 130    |
| Chloroethane                     | 50.0        | 45.05      |               | ug/L |   | 90   | 60 - 140    |
| Chloroform                       | 50.0        | 45.74      |               | ug/L |   | 91   | 70 - 130    |
| Chloromethane                    | 50.0        | 39.70      |               | ug/L |   | 79   | 60 - 140    |
| Chloroprene                      | 50.0        | 43.15      |               | ug/L |   | 86   | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 43.54      |               | ug/L |   | 87   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 51.16      |               | ug/L |   | 102  | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 57.08      |               | ug/L |   | 114  | 70 - 130    |
| Cyclohexane                      | 50.0        | 45.46      |               | ug/L |   | 91   | 65 - 130    |
| Dibromomethane                   | 50.0        | 51.75      |               | ug/L |   | 104  | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 48.06      |               | ug/L |   | 96   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 60.31      |               | ug/L |   | 121  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 51.39      |               | ug/L |   | 103  | 70 - 130    |
| Hexane                           | 50.0        | 42.02      |               | ug/L |   | 84   | 65 - 140    |
| Iodomethane                      | 50.0        | 56.19      |               | ug/L |   | 112  | 50 - 150    |
| Isobutanol                       | 1240        | 1289       |               | ug/L |   | 104  | 60 - 140    |
| Methacrylonitrile                | 500         | 464.7      |               | ug/L |   | 93   | 70 - 130    |
| Methyl methacrylate              | 100         | 99.66      |               | ug/L |   | 100  | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 46.80      |               | ug/L |   | 94   | 70 - 135    |
| Methylene Chloride               | 50.0        | 56.11      |               | ug/L |   | 112  | 71 - 125    |
| Propionitrile                    | 500         | 447.8      |               | ug/L |   | 90   | 70 - 130    |
| Propylbenzene                    | 50.0        | 49.40      |               | ug/L |   | 99   | 70 - 130    |
| Styrene                          | 50.0        | 56.50      |               | ug/L |   | 113  | 70 - 130    |
| Tetrachloroethene                | 50.0        | 54.28      |               | ug/L |   | 109  | 70 - 130    |
| Tetrahydrofuran                  | 100         | 84.32      |               | ug/L |   | 84   | 63 - 130    |
| Toluene                          | 50.0        | 48.90      |               | ug/L |   | 98   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 48.19      |               | ug/L |   | 96   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 51.26      |               | ug/L |   | 103  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 49.85      |               | ug/L |   | 100  | 70 - 130    |
| Trichloroethene                  | 50.0        | 54.05      |               | ug/L |   | 108  | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 51.40      |               | ug/L |   | 103  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-274815/3

Matrix: Water

Analysis Batch: 274815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 232.2      |               | ug/L |   | 93   | 50 - 150    |
| Vinyl chloride | 50.0        | 45.90      |               | ug/L |   | 92   | 60 - 140    |
| Xylenes, Total | 100         | 104.1      |               | ug/L |   | 104  | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.05147    |               | mg/L |   | 103  | 70 - 130    |
| o-Xylene       | 0.0500      | 0.05265    |               | mg/L |   | 105  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 90            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 93            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 91            |               | 75 - 131 |
| Toluene-d8 (Surr)            | 95            |               | 80 - 120 |

Lab Sample ID: LCSD 860-274815/4

Matrix: Water

Analysis Batch: 274815

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 49.50       |                | ug/L |   | 99   | 70 - 130    | 8   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 43.98       |                | ug/L |   | 88   | 70 - 130    | 7   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 43.29       |                | ug/L |   | 87   | 70 - 130    | 11  | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 50.05       |                | ug/L |   | 100  | 60 - 140    | 7   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 44.74       |                | ug/L |   | 89   | 70 - 130    | 9   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 41.05       |                | ug/L |   | 82   | 70 - 130    | 9   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 44.23       |                | ug/L |   | 88   | 67 - 130    | 9   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 46.78       |                | ug/L |   | 94   | 70 - 130    | 6   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 48.82       |                | ug/L |   | 98   | 70 - 130    | 8   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 49.30       |                | ug/L |   | 99   | 59 - 130    | 16  | 25        |
| 1,2-Dibromoethane                     | 50.0        | 48.06       |                | ug/L |   | 96   | 70 - 130    | 8   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 42.16       |                | ug/L |   | 84   | 70 - 130    | 11  | 25        |
| 1,2-Dichloropropane                   | 50.0        | 41.81       |                | ug/L |   | 84   | 70 - 130    | 11  | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 48.22       |                | ug/L |   | 96   | 70 - 130    | 6   | 25        |
| 1,3-Butadiene                         | 50.0        | 42.60       |                | ug/L |   | 85   | 60 - 150    | 8   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 44.48       |                | ug/L |   | 89   | 70 - 130    | 3   | 25        |
| 2-Butanone (MEK)                      | 250         | 257.1       |                | ug/L |   | 103  | 67 - 140    | 11  | 25        |
| 2-Hexanone (MBK)                      | 250         | 248.3       |                | ug/L |   | 99   | 60 - 140    | 13  | 25        |
| 2-Propanol                            | 500         | 546.4       |                | ug/L |   | 109  | 50 - 150    | 9   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 41.76       |                | ug/L |   | 84   | 60 - 130    | 12  | 25        |
| 4-Methyl-2-pentanone                  | 250         | 250.4       |                | ug/L |   | 100  | 60 - 140    | 13  | 25        |
| Acetone                               | 250         | 225.5       |                | ug/L |   | 90   | 60 - 140    | 14  | 25        |
| Acetonitrile                          | 500         | 389.7       |                | ug/L |   | 78   | 60 - 140    | 8   | 25        |
| Acrolein                              | 250         | 209.3       |                | ug/L |   | 84   | 60 - 140    | 0   | 25        |
| Acrylonitrile                         | 500         | 422.7       |                | ug/L |   | 85   | 60 - 140    | 6   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 49.36       |                | ug/L |   | 99   | 70 - 130    | 12  | 25        |
| Benzene                               | 50.0        | 43.40       |                | ug/L |   | 87   | 70 - 130    | 11  | 25        |
| Bromodichloromethane                  | 50.0        | 45.18       |                | ug/L |   | 90   | 65 - 135    | 11  | 25        |
| Bromoform                             | 50.0        | 54.17       |                | ug/L |   | 108  | 70 - 130    | 9   | 25        |
| Bromomethane                          | 50.0        | 42.26       |                | ug/L |   | 85   | 49 - 140    | 5   | 25        |
| Carbon disulfide                      | 50.0        | 40.43       |                | ug/L |   | 81   | 60 - 130    | 5   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-274815/4

Matrix: Water

Analysis Batch: 274815

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 45.58       |                | ug/L |   | 91   | 70 - 130    | 7   | 25        |
| Chlorobenzene               | 50.0        | 48.04       |                | ug/L |   | 96   | 65 - 135    | 8   | 25        |
| Chlorodibromomethane        | 50.0        | 49.23       |                | ug/L |   | 98   | 70 - 130    | 10  | 25        |
| Chloroethane                | 50.0        | 41.67       |                | ug/L |   | 83   | 60 - 140    | 8   | 25        |
| Chloroform                  | 50.0        | 41.24       |                | ug/L |   | 82   | 70 - 130    | 10  | 25        |
| Chloromethane               | 50.0        | 35.68       |                | ug/L |   | 71   | 60 - 140    | 11  | 25        |
| Chloroprene                 | 50.0        | 40.85       |                | ug/L |   | 82   | 70 - 130    | 5   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 39.70       |                | ug/L |   | 79   | 70 - 130    | 9   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 45.17       |                | ug/L |   | 90   | 70 - 130    | 12  | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 53.12       |                | ug/L |   | 106  | 70 - 130    | 7   | 25        |
| Cyclohexane                 | 50.0        | 41.99       |                | ug/L |   | 84   | 65 - 130    | 8   | 25        |
| Dibromomethane              | 50.0        | 46.72       |                | ug/L |   | 93   | 69 - 130    | 10  | 25        |
| Dichlorodifluoromethane     | 50.0        | 44.38       |                | ug/L |   | 89   | 50 - 150    | 8   | 25        |
| Ethyl methacrylate          | 50.0        | 54.86       |                | ug/L |   | 110  | 70 - 130    | 9   | 25        |
| Ethylbenzene                | 50.0        | 47.65       |                | ug/L |   | 95   | 70 - 130    | 8   | 25        |
| Hexane                      | 50.0        | 39.61       |                | ug/L |   | 79   | 65 - 140    | 6   | 25        |
| Iodomethane                 | 50.0        | 54.24       |                | ug/L |   | 108  | 50 - 150    | 4   | 25        |
| Isobutanol                  | 1240        | 1034        |                | ug/L |   | 83   | 60 - 140    | 22  | 25        |
| Methacrylonitrile           | 500         | 424.7       |                | ug/L |   | 85   | 70 - 130    | 9   | 25        |
| Methyl methacrylate         | 100         | 86.35       |                | ug/L |   | 86   | 70 - 130    | 14  | 25        |
| Methyl tert-butyl ether     | 50.0        | 41.15       |                | ug/L |   | 82   | 70 - 135    | 13  | 25        |
| Methylene Chloride          | 50.0        | 50.97       |                | ug/L |   | 102  | 71 - 125    | 10  | 25        |
| Propionitrile               | 500         | 404.1       |                | ug/L |   | 81   | 70 - 130    | 10  | 25        |
| Propylbenzene               | 50.0        | 46.49       |                | ug/L |   | 93   | 70 - 130    | 6   | 25        |
| Styrene                     | 50.0        | 52.05       |                | ug/L |   | 104  | 70 - 130    | 8   | 25        |
| Tetrachloroethene           | 50.0        | 51.79       |                | ug/L |   | 104  | 70 - 130    | 5   | 25        |
| Tetrahydrofuran             | 100         | 73.21       |                | ug/L |   | 73   | 63 - 130    | 14  | 25        |
| Toluene                     | 50.0        | 45.46       |                | ug/L |   | 91   | 70 - 130    | 7   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 43.39       |                | ug/L |   | 87   | 70 - 130    | 10  | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 46.50       |                | ug/L |   | 93   | 70 - 130    | 10  | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 47.54       |                | ug/L |   | 95   | 70 - 130    | 5   | 25        |
| Trichloroethene             | 50.0        | 49.43       |                | ug/L |   | 99   | 70 - 135    | 9   | 25        |
| Trichlorofluoromethane      | 50.0        | 46.93       |                | ug/L |   | 94   | 60 - 140    | 9   | 25        |
| Vinyl acetate               | 250         | 205.0       |                | ug/L |   | 82   | 50 - 150    | 12  | 25        |
| Vinyl chloride              | 50.0        | 41.37       |                | ug/L |   | 83   | 60 - 140    | 10  | 25        |
| Xylenes, Total              | 100         | 96.20       |                | ug/L |   | 96   | 70 - 130    | 8   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.04792     |                | mg/L |   | 96   | 70 - 130    | 7   | 25        |
| o-Xylene                    | 0.0500      | 0.04828     |                | mg/L |   | 97   | 70 - 130    | 9   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 88             |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 94             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 92             |                | 75 - 131 |
| Toluene-d8 (Surr)            | 97             |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116013-1 MS

Matrix: Water

Analysis Batch: 274815

Client Sample ID: MW-71

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 53.30     |              | ug/L |   | 107  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 47.47     |              | ug/L |   | 95   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 47.73     |              | ug/L |   | 95   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 54.56     |              | ug/L |   | 109  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 48.11     |              | ug/L |   | 96   | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 44.37     |              | ug/L |   | 89   | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 47.19     |              | ug/L |   | 94   | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 51.13     |              | ug/L |   | 102  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 53.80     |              | ug/L |   | 108  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 55.88     |              | ug/L |   | 112  | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 51.28     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 44.72     |              | ug/L |   | 89   | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 44.83     |              | ug/L |   | 90   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 52.97     |              | ug/L |   | 106  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 40.31     |              | ug/L |   | 81   | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 44.58     |              | ug/L |   | 89   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 224.8     |              | ug/L |   | 90   | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 218.1     |              | ug/L |   | 87   | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 603.9     |              | ug/L |   | 121  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 47.21     |              | ug/L |   | 94   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 217.3     |              | ug/L |   | 87   | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 190.1     |              | ug/L |   | 76   | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 415.7     |              | ug/L |   | 83   | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 210.8     |              | ug/L |   | 84   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 433.0     |              | ug/L |   | 87   | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 55.92     |              | ug/L |   | 112  | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 46.50     |              | ug/L |   | 93   | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 48.13     |              | ug/L |   | 96   | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 56.68     |              | ug/L |   | 113  | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 43.16     |              | ug/L |   | 86   | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 42.85     |              | ug/L |   | 86   | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 49.17     |              | ug/L |   | 98   | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 52.25     |              | ug/L |   | 105  | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 53.30     |              | ug/L |   | 107  | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 40.41     |              | ug/L |   | 81   | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 45.28     |              | ug/L |   | 91   | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 34.40     |              | ug/L |   | 69   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 44.05     |              | ug/L |   | 88   | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 43.54     |              | ug/L |   | 87   | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 49.24     |              | ug/L |   | 98   | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 57.34     |              | ug/L |   | 115  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 45.60     |              | ug/L |   | 91   | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 48.38     |              | ug/L |   | 97   | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 41.21     |              | ug/L |   | 82   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U                | 50.0        | 58.33     |              | ug/L |   | 117  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 51.36     |              | ug/L |   | 103  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 41.44     |              | ug/L |   | 83   | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 56.50     |              | ug/L |   | 113  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116013-1 MS

Matrix: Water

Analysis Batch: 274815

Client Sample ID: MW-71

Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                   | <17.1         | U                | 1240        | 1144      |              | ug/L |   | 92   | 60 - 140    |
| Methacrylonitrile            | <2.72         | U                | 500         | 444.1     |              | ug/L |   | 89   | 70 - 130    |
| Methyl methacrylate          | <2.25         | U                | 100         | 90.41     |              | ug/L |   | 90   | 70 - 130    |
| Methyl tert-butyl ether      | <1.39         | U                | 50.0        | 45.07     |              | ug/L |   | 90   | 70 - 135    |
| Methylene Chloride           | <1.73         | U                | 50.0        | 43.87     |              | ug/L |   | 88   | 71 - 125    |
| Propionitrile                | <3.34         | U                | 500         | 432.3     |              | ug/L |   | 86   | 70 - 130    |
| Propylbenzene                | <0.429        | U                | 50.0        | 51.42     |              | ug/L |   | 103  | 70 - 130    |
| Styrene                      | <0.619        | U                | 50.0        | 56.98     |              | ug/L |   | 114  | 70 - 130    |
| Tetrachloroethene            | <0.655        | U                | 50.0        | 55.11     |              | ug/L |   | 110  | 70 - 130    |
| Tetrahydrofuran              | <1.83         | U                | 100         | 72.12     |              | ug/L |   | 72   | 63 - 130    |
| Toluene                      | <0.475        | U                | 50.0        | 49.11     |              | ug/L |   | 98   | 70 - 130    |
| trans-1,2-Dichloroethene     | <0.368        | U                | 50.0        | 47.70     |              | ug/L |   | 95   | 70 - 130    |
| trans-1,3-Dichloropropene    | <1.27         | U                | 50.0        | 49.86     |              | ug/L |   | 100  | 70 - 130    |
| trans-1,4-Dichloro-2-butene  | <1.35         | U                | 50.0        | 50.26     |              | ug/L |   | 101  | 70 - 130    |
| Trichloroethene              | <1.50         | U                | 50.0        | 52.57     |              | ug/L |   | 105  | 70 - 135    |
| Trichlorofluoromethane       | <0.560        | U                | 50.0        | 47.80     |              | ug/L |   | 96   | 60 - 140    |
| Vinyl acetate                | <2.14         | U                | 250         | 229.6     |              | ug/L |   | 92   | 50 - 150    |
| Vinyl chloride               | <0.428        | U                | 50.0        | 38.61     |              | ug/L |   | 77   | 60 - 140    |
| Xylenes, Total               | <1.24         | U                | 100         | 105.4     |              | ug/L |   | 105  | 70 - 130    |
| m,p-Xylenes                  | <0.00124      | U                | 0.0500      | 0.05216   |              | mg/L |   | 104  | 70 - 130    |
| o-Xylene                     | <0.000502     | U                | 0.0500      | 0.05325   |              | mg/L |   | 106  | 70 - 130    |
| Surrogate                    | MS %Recovery  | MS Qualifier     | MS Limits   |           |              |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 87            |                  | 63 - 144    |           |              |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 96            |                  | 74 - 124    |           |              |      |   |      |             |
| Dibromofluoromethane (Surr)  | 91            |                  | 75 - 131    |           |              |      |   |      |             |
| Toluene-d8 (Surr)            | 96            |                  | 80 - 120    |           |              |      |   |      |             |

Lab Sample ID: MB 860-275131/9

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/12/25 10:02 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275131/9

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                          | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 2,2,4-Trimethylpentane           | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 2-Butanone (MEK)                 | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/12/25 10:02 | 1       |
| 2-Hexanone (MBK)                 | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/12/25 10:02 | 1       |
| 2-Propanol                       | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/12/25 10:02 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/12/25 10:02 | 1       |
| 4-Methyl-2-pentanone             | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Acetone                          | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Acetonitrile                     | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Acrolein                         | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Acrylonitrile                    | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/12/25 10:02 | 1       |
| alpha-Chlorotoluene              | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Benzene                          | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Bromodichloromethane             | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Bromoform                        | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Bromomethane                     | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Carbon disulfide                 | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Carbon tetrachloride             | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Chlorobenzene                    | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Chlorodibromomethane             | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Chloroethane                     | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Chloroform                       | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Chloromethane                    | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Chloroprene                      | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/12/25 10:02 | 1       |
| cis-1,2-Dichloroethene           | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/12/25 10:02 | 1       |
| cis-1,3-Dichloropropene          | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Cumene (isopropylbenzene)        | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Cyclohexane                      | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Dibromomethane                   | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Dichlorodifluoromethane          | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Ethyl methacrylate               | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Ethylbenzene                     | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Hexane                           | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Iodomethane                      | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Isobutanol                       | <17.1     | U            | 50.0 | 17.1  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Methacrylonitrile                | <2.72     | U            | 10.0 | 2.72  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Methyl methacrylate              | <2.25     | U            | 10.0 | 2.25  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Methyl tert-butyl ether          | <1.39     | U            | 5.00 | 1.39  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Methylene Chloride               | <1.73     | U            | 5.00 | 1.73  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Propionitrile                    | <3.34     | U            | 10.0 | 3.34  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Propylbenzene                    | <0.429    | U            | 1.00 | 0.429 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Styrene                          | <0.619    | U            | 1.00 | 0.619 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Tetrachloroethene                | <0.655    | U            | 1.00 | 0.655 | ug/L |   |          | 11/12/25 10:02 | 1       |
| Tetrahydrofuran                  | <1.83     | U            | 10.0 | 1.83  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Toluene                          | <0.475    | U            | 1.00 | 0.475 | ug/L |   |          | 11/12/25 10:02 | 1       |
| trans-1,2-Dichloroethene         | <0.368    | U            | 1.00 | 0.368 | ug/L |   |          | 11/12/25 10:02 | 1       |
| trans-1,3-Dichloropropene        | <1.27     | U            | 5.00 | 1.27  | ug/L |   |          | 11/12/25 10:02 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35     | U            | 10.0 | 1.35  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Trichloroethene                  | <1.50     | U            | 5.00 | 1.50  | ug/L |   |          | 11/12/25 10:02 | 1       |
| Trichlorofluoromethane           | <0.560    | U            | 1.00 | 0.560 | ug/L |   |          | 11/12/25 10:02 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275131/9

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Vinyl acetate  | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/12/25 10:02 | 1       |
| Vinyl chloride | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/12/25 10:02 | 1       |
| Xylenes, Total | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/12/25 10:02 | 1       |
| m,p-Xylenes    | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/12/25 10:02 | 1       |
| o-Xylene       | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/12/25 10:02 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97           |              | 63 - 144 |          | 11/12/25 10:02 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103          |              | 74 - 124 |          | 11/12/25 10:02 | 1       |
| Dibromofluoromethane (Surr)  | 100          |              | 75 - 131 |          | 11/12/25 10:02 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |          | 11/12/25 10:02 | 1       |

Lab Sample ID: LCSD 860-275131/4

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 52.63       |                | ug/L |   | 105  | 70 - 130    | 4   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 50.68       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 55.44       |                | ug/L |   | 111  | 70 - 130    | 7   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 49.20       |                | ug/L |   | 98   | 60 - 140    | 0   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 55.52       |                | ug/L |   | 111  | 70 - 130    | 9   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 49.93       |                | ug/L |   | 100  | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 44.07       |                | ug/L |   | 88   | 67 - 130    | 3   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 59.75       |                | ug/L |   | 119  | 70 - 130    | 11  | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 56.26       |                | ug/L |   | 113  | 70 - 130    | 9   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 58.10       |                | ug/L |   | 116  | 59 - 130    | 12  | 25        |
| 1,2-Dibromoethane                     | 50.0        | 56.54       |                | ug/L |   | 113  | 70 - 130    | 8   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 46.97       |                | ug/L |   | 94   | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 53.15       |                | ug/L |   | 106  | 70 - 130    | 3   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 55.12       |                | ug/L |   | 110  | 70 - 130    | 9   | 25        |
| 1,3-Butadiene                         | 50.0        | 54.38       |                | ug/L |   | 109  | 60 - 150    | 8   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 50.10       |                | ug/L |   | 100  | 70 - 130    | 1   | 25        |
| 2-Butanone (MEK)                      | 250         | 275.3       |                | ug/L |   | 110  | 67 - 140    | 3   | 25        |
| 2-Hexanone (MBK)                      | 250         | 275.5       |                | ug/L |   | 110  | 60 - 140    | 7   | 25        |
| 2-Propanol                            | 500         | 418.7       |                | ug/L |   | 84   | 50 - 150    | 6   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 45.87       |                | ug/L |   | 92   | 60 - 130    | 1   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 264.2       |                | ug/L |   | 106  | 60 - 140    | 2   | 25        |
| Acetone                               | 250         | 190.8       |                | ug/L |   | 76   | 60 - 140    | 8   | 25        |
| Acetonitrile                          | 500         | 458.7       |                | ug/L |   | 92   | 60 - 140    | 1   | 25        |
| Acrylonitrile                         | 500         | 492.9       |                | ug/L |   | 99   | 60 - 140    | 1   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 59.05       |                | ug/L |   | 118  | 70 - 130    | 9   | 25        |
| Benzene                               | 50.0        | 52.19       |                | ug/L |   | 104  | 70 - 130    | 4   | 25        |
| Bromodichloromethane                  | 50.0        | 53.36       |                | ug/L |   | 107  | 65 - 135    | 4   | 25        |
| Bromoform                             | 50.0        | 57.38       |                | ug/L |   | 115  | 70 - 130    | 5   | 25        |
| Bromomethane                          | 50.0        | 53.63       |                | ug/L |   | 107  | 49 - 140    | 1   | 25        |
| Carbon disulfide                      | 50.0        | 47.90       |                | ug/L |   | 96   | 60 - 130    | 2   | 25        |
| Carbon tetrachloride                  | 50.0        | 52.66       |                | ug/L |   | 105  | 70 - 130    | 10  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275131/4

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                   | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Chlorobenzene             | 50.0        | 51.50       |                | ug/L |   | 103  | 65 - 135    | 5   | 25        |
| Chlorodibromomethane      | 50.0        | 54.30       |                | ug/L |   | 109  | 70 - 130    | 5   | 25        |
| Chloroethane              | 50.0        | 49.25       |                | ug/L |   | 98   | 60 - 140    | 3   | 25        |
| Chloroform                | 50.0        | 49.50       |                | ug/L |   | 99   | 70 - 130    | 2   | 25        |
| Chloromethane             | 50.0        | 41.15       |                | ug/L |   | 82   | 60 - 140    | 5   | 25        |
| Chloroprene               | 50.0        | 50.85       |                | ug/L |   | 102  | 70 - 130    | 5   | 25        |
| cis-1,2-Dichloroethene    | 50.0        | 52.28       |                | ug/L |   | 105  | 70 - 130    | 0   | 25        |
| cis-1,3-Dichloropropene   | 50.0        | 54.21       |                | ug/L |   | 108  | 70 - 130    | 1   | 25        |
| Cumene (isopropylbenzene) | 50.0        | 58.28       |                | ug/L |   | 117  | 70 - 130    | 4   | 25        |
| Cyclohexane               | 50.0        | 55.51       |                | ug/L |   | 111  | 65 - 130    | 2   | 25        |
| Dibromomethane            | 50.0        | 52.69       |                | ug/L |   | 105  | 69 - 130    | 2   | 25        |
| Dichlorodifluoromethane   | 50.0        | 61.88       |                | ug/L |   | 124  | 50 - 150    | 8   | 25        |
| Ethylbenzene              | 50.0        | 53.90       |                | ug/L |   | 108  | 70 - 130    | 6   | 25        |
| Hexane                    | 50.0        | 51.09       |                | ug/L |   | 102  | 65 - 140    | 6   | 25        |
| Iodomethane               | 50.0        | 62.88       |                | ug/L |   | 126  | 50 - 150    | 0   | 25        |
| Isobutanol                | 1240        | 1262        |                | ug/L |   | 102  | 60 - 140    | 8   | 25        |
| Methacrylonitrile         | 500         | 515.4       |                | ug/L |   | 103  | 70 - 130    | 1   | 25        |
| Methyl methacrylate       | 100         | 91.31       |                | ug/L |   | 91   | 70 - 130    | 2   | 25        |
| Methyl tert-butyl ether   | 50.0        | 45.49       |                | ug/L |   | 91   | 70 - 135    | 4   | 25        |
| Methylene Chloride        | 50.0        | 48.02       |                | ug/L |   | 96   | 71 - 125    | 2   | 25        |
| Propionitrile             | 500         | 539.2       |                | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Propylbenzene             | 50.0        | 56.69       |                | ug/L |   | 113  | 70 - 130    | 9   | 25        |
| Styrene                   | 50.0        | 58.36       |                | ug/L |   | 117  | 70 - 130    | 6   | 25        |
| Tetrachloroethene         | 50.0        | 52.13       |                | ug/L |   | 104  | 70 - 130    | 5   | 25        |
| Tetrahydrofuran           | 100         | 98.20       |                | ug/L |   | 98   | 63 - 130    | 3   | 25        |
| Toluene                   | 50.0        | 51.89       |                | ug/L |   | 104  | 70 - 130    | 6   | 25        |
| trans-1,2-Dichloroethene  | 50.0        | 48.83       |                | ug/L |   | 98   | 70 - 130    | 2   | 25        |
| trans-1,3-Dichloropropene | 50.0        | 59.46       |                | ug/L |   | 119  | 70 - 130    | 5   | 25        |
| Trichloroethene           | 50.0        | 51.08       |                | ug/L |   | 102  | 70 - 135    | 2   | 25        |
| Trichlorofluoromethane    | 50.0        | 45.71       |                | ug/L |   | 91   | 60 - 140    | 0   | 25        |
| Vinyl acetate             | 250         | 285.5       |                | ug/L |   | 114  | 50 - 150    | 2   | 25        |
| Vinyl chloride            | 50.0        | 51.46       |                | ug/L |   | 103  | 60 - 140    | 3   | 25        |
| Xylenes, Total            | 100         | 108.2       |                | ug/L |   | 108  | 70 - 130    | 6   | 25        |
| m,p-Xylenes               | 0.0500      | 0.05524     |                | mg/L |   | 110  | 70 - 130    | 5   | 25        |
| o-Xylene                  | 0.0500      | 0.05299     |                | mg/L |   | 106  | 70 - 130    | 6   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95             |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 99             |                | 75 - 131 |
| Toluene-d8 (Surr)            | 105            |                | 80 - 120 |

Lab Sample ID: 870-41442-H-4 MS

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.644        | U                | 50.0        | 50.67     |              | ug/L |   | 101  | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-41442-H-4 MS

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 51.79     |              | ug/L |   | 104  | 70 - 130    |
| 1,1,1,2,2-Tetrachloroethane           | <0.470        | U                | 50.0        | 55.07     |              | ug/L |   | 110  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 50.84     |              | ug/L |   | 102  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 51.09     |              | ug/L |   | 102  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 53.99     |              | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 45.55     |              | ug/L |   | 91   | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 56.03     |              | ug/L |   | 112  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 53.85     |              | ug/L |   | 108  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 53.71     |              | ug/L |   | 107  | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 52.58     |              | ug/L |   | 105  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 47.53     |              | ug/L |   | 95   | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 51.94     |              | ug/L |   | 104  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 52.92     |              | ug/L |   | 106  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 57.26     |              | ug/L |   | 115  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 49.70     |              | ug/L |   | 99   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 261.6     |              | ug/L |   | 105  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 256.0     |              | ug/L |   | 102  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 428.0     |              | ug/L |   | 86   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 47.49     |              | ug/L |   | 95   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 262.1     |              | ug/L |   | 105  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 169.8     |              | ug/L |   | 68   | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 474.9     |              | ug/L |   | 95   | 60 - 140    |
| Acrolein                              | <11.1         | U *- F1          | 250         | 39.62     | J F1         | ug/L |   | 16   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 501.6     |              | ug/L |   | 100  | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 57.68     |              | ug/L |   | 115  | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 51.50     |              | ug/L |   | 103  | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 52.08     |              | ug/L |   | 104  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 55.52     |              | ug/L |   | 111  | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 53.22     |              | ug/L |   | 106  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 50.87     |              | ug/L |   | 102  | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 50.33     |              | ug/L |   | 101  | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 50.01     |              | ug/L |   | 100  | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 51.53     |              | ug/L |   | 103  | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 51.30     |              | ug/L |   | 103  | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 50.94     |              | ug/L |   | 102  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 42.37     |              | ug/L |   | 85   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 50.87     |              | ug/L |   | 102  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 54.04     |              | ug/L |   | 108  | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 54.78     |              | ug/L |   | 110  | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 55.35     |              | ug/L |   | 111  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 56.62     |              | ug/L |   | 113  | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 54.61     |              | ug/L |   | 109  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 60.20     |              | ug/L |   | 120  | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U ** F1          | 50.0        | 81.76     | F1           | ug/L |   | 164  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 51.48     |              | ug/L |   | 103  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 55.18     |              | ug/L |   | 110  | 65 - 140    |
| Iodomethane                           | <5.00         | U F1             | 50.0        | 76.85     | F1           | ug/L |   | 154  | 50 - 150    |
| Isobutanol                            | <17.1         | U                | 1240        | 1192      |              | ug/L |   | 96   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-41442-H-4 MS

Matrix: Water

Analysis Batch: 275131

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Methacrylonitrile           | <2.72         | U                | 500         | 516.6     |              | ug/L |   | 103  | 70 - 130    |
| Methyl methacrylate         | <2.25         | U                | 100         | 88.54     |              | ug/L |   | 89   | 70 - 130    |
| Methyl tert-butyl ether     | <1.39         | U                | 50.0        | 44.79     |              | ug/L |   | 90   | 70 - 135    |
| Methylene Chloride          | <1.73         | U                | 50.0        | 48.47     |              | ug/L |   | 97   | 71 - 125    |
| Propionitrile               | <3.34         | U                | 500         | 516.5     |              | ug/L |   | 103  | 70 - 130    |
| Propylbenzene               | <0.429        | U                | 50.0        | 54.39     |              | ug/L |   | 109  | 70 - 130    |
| Styrene                     | <0.619        | U                | 50.0        | 56.81     |              | ug/L |   | 114  | 70 - 130    |
| Tetrachloroethene           | <0.655        | U                | 50.0        | 50.08     |              | ug/L |   | 100  | 70 - 130    |
| Tetrahydrofuran             | <1.83         | U                | 100         | 106.2     |              | ug/L |   | 106  | 63 - 130    |
| Toluene                     | <0.475        | U                | 50.0        | 50.59     |              | ug/L |   | 101  | 70 - 130    |
| trans-1,2-Dichloroethene    | <0.368        | U                | 50.0        | 47.49     |              | ug/L |   | 95   | 70 - 130    |
| trans-1,3-Dichloropropene   | <1.27         | U                | 50.0        | 56.45     |              | ug/L |   | 113  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <1.35         | U *+             | 50.0        | 59.70     |              | ug/L |   | 119  | 70 - 130    |
| Trichloroethene             | <1.50         | U                | 50.0        | 49.77     |              | ug/L |   | 100  | 70 - 135    |
| Trichlorofluoromethane      | <0.560        | U                | 50.0        | 43.62     |              | ug/L |   | 87   | 60 - 140    |
| Vinyl acetate               | <2.14         | U                | 250         | 321.2     |              | ug/L |   | 128  | 50 - 150    |
| Vinyl chloride              | <0.428        | U                | 50.0        | 51.89     |              | ug/L |   | 104  | 60 - 140    |
| Xylenes, Total              | <1.24         | U                | 100         | 103.4     |              | ug/L |   | 103  | 70 - 130    |
| m,p-Xylenes                 | <0.00124      | U                | 0.0500      | 0.05206   |              | mg/L |   | 104  | 70 - 130    |
| o-Xylene                    | <0.000502     | U                | 0.0500      | 0.05129   |              | mg/L |   | 103  | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95           |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103          |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 102          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 102          |              | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Methylphenol              | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Nitroaniline              | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Nitrophenol               | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3 & 4 Methylphenol          | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3-Nitroaniline              | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chloro-3-methylphenol     | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitro-o-toluidine                 | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Acetophenone                        | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosopiperidine                 | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachlorobenzene                  | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diphenyl ether                      | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,1'-Biphenyl                       | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Aminobiphenyl                     | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,3-Dinitrobenzene                  | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1,4-Naphthoquinone                  | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 1-Naphthylamine                     | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2,6-Dichlorophenol                  | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Acetylaminofluorene               | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methapyrilene                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Safrole, Total                   | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Sulfotepp                        | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Thionazin                        | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 83           |              | 26 - 136 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Fluorobiphenyl            | 95           |              | 39 - 130 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| 2-Fluorophenol (Surr)       | 100          |              | 19 - 120 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Nitrobenzene-d5 (Surr)      | 95           |              | 32 - 133 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| Phenol-d5 (Surr)            | 89           |              | 8 - 124  | 11/11/25 08:31 | 11/13/25 02:30 | 1       |
| p-Terphenyl-d14             | 99           |              | 28 - 130 | 11/11/25 08:31 | 11/13/25 02:30 | 1       |

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.119      |               | ug/L |   | 90   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 5.163      |               | ug/L |   | 90   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 5.150      |               | ug/L |   | 90   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 5.071      |               | ug/L |   | 89   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 5.315      |               | ug/L |   | 93   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 5.847      |               | ug/L |   | 102  | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 5.567      |               | ug/L |   | 97   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 5.031      |               | ug/L |   | 88   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 5.614      |               | ug/L |   | 98   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 3.387      |               | ug/L |   | 59   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 3.410      | J             | ug/L |   | 60   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 4.822      |               | ug/L |   | 84   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 5.178      |               | ug/L |   | 91   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 5.119      |               | ug/L |   | 90   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 5.687      |               | ug/L |   | 100  | 33 - 149    |
| 2-Methylphenol               | 5.71        | 6.209      |               | ug/L |   | 109  | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 5.654      |               | ug/L |   | 99   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 5.106      |               | ug/L |   | 89   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 5.207      |               | ug/L |   | 91   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 3.609      |               | ug/L |   | 63   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 3.516      |               | ug/L |   | 62   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.389      |               | ug/L |   | 94   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 5.797      |               | ug/L |   | 101  | 52 - 137    |
| 4-Chloroaniline              | 5.71        | 0.7005     |               | ug/L |   | 12   | 10 - 95     |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 4-Chlorophenyl phenyl ether | 5.71        | 5.135      |               | ug/L |   | 90   | 53 - 134    |
| 4-Nitroaniline              | 5.71        | 5.257      |               | ug/L |   | 92   | 45 - 148    |
| Acenaphthene                | 5.71        | 4.936      |               | ug/L |   | 86   | 48 - 136    |
| Acenaphthylene              | 5.71        | 5.243      |               | ug/L |   | 92   | 40 - 149    |
| Aniline                     | 5.71        | 0.4689     | J *           | ug/L |   | 8    | 10 - 73     |
| Anthracene                  | 5.71        | 5.353      |               | ug/L |   | 94   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 5.214      |               | ug/L |   | 91   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 5.346      |               | ug/L |   | 94   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 5.482      |               | ug/L |   | 96   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 4.383      |               | ug/L |   | 77   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 5.130      |               | ug/L |   | 90   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 4.558      |               | ug/L |   | 80   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 5.525      |               | ug/L |   | 97   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.370      |               | ug/L |   | 94   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.858      |               | ug/L |   | 85   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 5.364      |               | ug/L |   | 94   | 60 - 150    |
| Chrysene                    | 5.71        | 4.866      |               | ug/L |   | 85   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.781      |               | ug/L |   | 84   | 50 - 147    |
| Dibenzofuran                | 5.71        | 5.481      |               | ug/L |   | 96   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.948      |               | ug/L |   | 87   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 5.275      |               | ug/L |   | 92   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 5.373      |               | ug/L |   | 94   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.203      |               | ug/L |   | 91   | 55 - 150    |
| Fluoranthene                | 5.71        | 5.530      |               | ug/L |   | 97   | 50 - 144    |
| Fluorene                    | 5.71        | 5.037      |               | ug/L |   | 88   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 5.179      |               | ug/L |   | 91   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 5.131      |               | ug/L |   | 90   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 4.073      |               | ug/L |   | 71   | 24 - 150    |
| Hexachloroethane            | 5.71        | 4.951      |               | ug/L |   | 87   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.843      |               | ug/L |   | 85   | 46 - 138    |
| Isophorone                  | 5.71        | 5.287      |               | ug/L |   | 93   | 48 - 147    |
| Naphthalene                 | 5.71        | 5.035      |               | ug/L |   | 88   | 35 - 141    |
| Nitrobenzene                | 5.71        | 5.800      |               | ug/L |   | 102  | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 5.183      |               | ug/L |   | 91   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 5.289      |               | ug/L |   | 93   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 5.562      |               | ug/L |   | 97   | 33 - 150    |
| Phenanthrene                | 5.71        | 5.368      |               | ug/L |   | 94   | 54 - 141    |
| Phenol                      | 5.71        | 5.008      |               | ug/L |   | 88   | 40 - 145    |
| Pyrene                      | 5.71        | 5.329      |               | ug/L |   | 93   | 50 - 143    |
| Pyridine                    | 5.71        | <0.837     | U *           | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.913      |               | ug/L |   | 68   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.388      |               | ug/L |   | 94   | 60 - 150    |
| Acetophenone                | 5.71        | 4.322      |               | ug/L |   | 76   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 5.033      |               | ug/L |   | 88   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.979      |               | ug/L |   | 70   | 52 - 128    |
| Diphenyl ether              | 5.71        | 4.132      |               | ug/L |   | 72   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 4.132      |               | ug/L |   | 72   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 2.527      |               | ug/L |   | 44   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.170      |               | ug/L |   | 73   | 46 - 125    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,3,5-Trinitrobenzene               | 5.71        | 2.852      |               | ug/L |   | 50   | 42 - 130    |
| 1,3-Dinitrobenzene                  | 5.71        | 4.966      |               | ug/L |   | 87   | 65 - 150    |
| 1,4-Naphthoquinone                  | 5.71        | 4.195      |               | ug/L |   | 73   | 24 - 137    |
| 1-Naphthylamine                     | 5.71        | 1.649      |               | ug/L |   | 29   | 10 - 130    |
| 2,6-Dichlorophenol                  | 5.71        | 4.480      |               | ug/L |   | 78   | 42 - 145    |
| 2-Acetylaminofluorene               | 5.71        | 3.711      |               | ug/L |   | 65   | 45 - 150    |
| 2-Chlorophenol                      | 5.71        | 5.572      |               | ug/L |   | 98   | 51 - 143    |
| 2-Naphthylamine                     | 5.71        | 1.101      |               | ug/L |   | 19   | 17 - 130    |
| 2-Picoline                          | 5.71        | <1.03      | U *           | ug/L |   | 3    | 10 - 143    |
| 2-Toluidine                         | 5.71        | <0.424     | U *           | ug/L |   | 3    | 10 - 130    |
| 3,3'-Dichlorobenzidine              | 5.71        | 1.777      |               | ug/L |   | 31   | 10 - 128    |
| 3,3'-Dimethylbenzidine              | 5.71        | <0.295     | U *           | ug/L |   | 0.6  | 10 - 130    |
| 3-Methylcholanthrene                | 5.71        | 3.565      |               | ug/L |   | 62   | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | 5.71        | 1.800      |               | ug/L |   | 31   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.106      |               | ug/L |   | 72   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.639      | J             | ug/L |   | 29   | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 2.088      |               | ug/L |   | 73   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 1.908      |               | ug/L |   | 67   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 3.236      |               | ug/L |   | 77   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 1.133      |               | ug/L |   | 76   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 4.163      |               | ug/L |   | 73   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 3.403      |               | ug/L |   | 60   | 35 - 140    |
| Isosafrole                          | 5.71        | 4.052      |               | ug/L |   | 71   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.7087     |               | ug/L |   | 78   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 3.343      |               | ug/L |   | 70   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 3.812      |               | ug/L |   | 67   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 4.261      |               | ug/L |   | 75   | 50 - 136    |
| N-Nitrosodi-n-butylamine            | 5.71        | 4.849      |               | ug/L |   | 85   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 3.866      |               | ug/L |   | 68   | 30 - 148    |
| N-Nitrosomorpholine                 | 5.71        | 4.728      |               | ug/L |   | 83   | 40 - 140    |
| N-Nitrosopyrrolidine                | 5.71        | 4.270      |               | ug/L |   | 75   | 20 - 130    |
| p-Dimethylamino azobenzene          | 5.71        | 4.064      |               | ug/L |   | 71   | 16 - 150    |
| Pentachloronitrobenzene             | 5.71        | 4.528      |               | ug/L |   | 79   | 38 - 145    |
| Phenacetin                          | 5.71        | 3.975      |               | ug/L |   | 70   | 50 - 150    |
| p-Phenylene diamine                 | 5.71        | <5.71      | U             | ug/L |   | 23   | 5 - 112     |
| Pronamide                           | 5.71        | 3.876      |               | ug/L |   | 68   | 60 - 150    |
| Safrole, Total                      | 5.71        | 4.170      |               | ug/L |   | 73   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 70            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 70            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 67            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 76            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 67            |               | 8 - 124  |
| p-Terphenyl-d14             | 70            |               | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274823/4-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate                       | 2.86        | 5.963      | *+            | ug/L |   | 209  | 70 - 150    |
| Dinoseb                          | 5.71        | 9.974      | *+            | ug/L |   | 175  | 10 - 150    |
| Disulfoton                       | 2.86        | 6.415      | *+            | ug/L |   | 225  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 12.24      | *+            | ug/L |   | 428  | 70 - 150    |
| Famphur                          | 2.86        | 3.397      |               | ug/L |   | 119  | 10 - 150    |
| Methapyrilene                    | 5.71        | 4.940      |               | ug/L |   | 86   | 10 - 150    |
| Methyl parathion                 | 2.86        | 11.54      | *+            | ug/L |   | 404  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.091      |               | ug/L |   | 108  | 38 - 150    |
| Phorate                          | 2.86        | 6.244      | *+            | ug/L |   | 219  | 65 - 150    |
| Sulfotepp                        | 2.86        | 6.246      | *+            | ug/L |   | 219  | 28 - 150    |
| Thionazin                        | 2.86        | 2.868      |               | ug/L |   | 100  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 73            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 71            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 68            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 79            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 67            |               | 8 - 124  |
| p-Terphenyl-d14             | 69            |               | 28 - 130 |

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.064       |                | ug/L |   | 89   | 55 - 120    | 1   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 5.279       |                | ug/L |   | 92   | 65 - 130    | 2   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 5.216       |                | ug/L |   | 91   | 26 - 130    | 1   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 5.185       |                | ug/L |   | 91   | 60 - 150    | 2   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 5.463       |                | ug/L |   | 96   | 65 - 145    | 3   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 6.218       |                | ug/L |   | 109  | 58 - 150    | 6   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 5.409       |                | ug/L |   | 95   | 39 - 145    | 3   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 5.186       |                | ug/L |   | 91   | 60 - 147    | 3   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 5.703       |                | ug/L |   | 100  | 58 - 140    | 2   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.494       |                | ug/L |   | 61   | 31 - 145    | 3   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 2.874       | J              | ug/L |   | 50   | 10 - 150    | 17  | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 4.955       |                | ug/L |   | 87   | 29 - 150    | 3   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 5.200       |                | ug/L |   | 91   | 55 - 150    | 0   | 30        |
| 2-Chloronaphthalene          | 5.71        | 5.000       |                | ug/L |   | 87   | 39 - 141    | 2   | 30        |
| 2-Methylnaphthalene          | 5.71        | 5.643       |                | ug/L |   | 99   | 33 - 149    | 1   | 30        |
| 2-Methylphenol               | 5.71        | 6.409       |                | ug/L |   | 112  | 49 - 140    | 3   | 30        |
| 2-Nitroaniline               | 5.71        | 5.624       |                | ug/L |   | 98   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol                | 5.71        | 5.276       |                | ug/L |   | 92   | 43 - 150    | 3   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 5.316       |                | ug/L |   | 93   | 39 - 142    | 2   | 30        |
| 3-Nitroaniline               | 5.71        | 3.844       |                | ug/L |   | 67   | 25 - 130    | 6   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 3.356       |                | ug/L |   | 59   | 10 - 150    | 5   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.610       |                | ug/L |   | 98   | 56 - 136    | 4   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 5.765       |                | ug/L |   | 101  | 52 - 137    | 1   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 4-Chloroaniline             | 5.71        | 1.659       | *1             | ug/L |   | 29   | 10 - 95     | 81  | 30        |
| 4-Chlorophenyl phenyl ether | 5.71        | 5.224       |                | ug/L |   | 91   | 53 - 134    | 2   | 30        |
| 4-Nitroaniline              | 5.71        | 5.294       |                | ug/L |   | 93   | 45 - 148    | 1   | 30        |
| Acenaphthene                | 5.71        | 5.033       |                | ug/L |   | 88   | 48 - 136    | 2   | 30        |
| Acenaphthylene              | 5.71        | 5.211       |                | ug/L |   | 91   | 40 - 149    | 1   | 30        |
| Aniline                     | 5.71        | 0.6675      | J *1           | ug/L |   | 12   | 10 - 73     | 35  | 30        |
| Anthracene                  | 5.71        | 5.305       |                | ug/L |   | 93   | 51 - 146    | 1   | 30        |
| Benzo[a]anthracene          | 5.71        | 4.913       |                | ug/L |   | 86   | 43 - 145    | 6   | 30        |
| Benzo[a]pyrene              | 5.71        | 5.497       |                | ug/L |   | 96   | 52 - 136    | 3   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 5.330       |                | ug/L |   | 93   | 45 - 140    | 3   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 4.410       |                | ug/L |   | 77   | 44 - 137    | 1   | 30        |
| Benzo[k]fluoranthene        | 5.71        | 5.068       |                | ug/L |   | 89   | 37 - 140    | 1   | 30        |
| Benzyl alcohol              | 5.71        | 4.812       |                | ug/L |   | 84   | 40 - 133    | 5   | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 5.599       |                | ug/L |   | 98   | 52 - 143    | 1   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 5.512       |                | ug/L |   | 96   | 52 - 140    | 3   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.601       |                | ug/L |   | 81   | 50 - 140    | 5   | 30        |
| Butyl benzyl phthalate      | 5.71        | 5.241       |                | ug/L |   | 92   | 60 - 150    | 2   | 30        |
| Chrysene                    | 5.71        | 4.875       |                | ug/L |   | 85   | 47 - 137    | 0   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 4.787       |                | ug/L |   | 84   | 50 - 147    | 0   | 30        |
| Dibenzofuran                | 5.71        | 5.591       |                | ug/L |   | 98   | 52 - 139    | 2   | 30        |
| Diethyl phthalate           | 5.71        | 5.044       |                | ug/L |   | 88   | 55 - 137    | 2   | 30        |
| Dimethyl phthalate          | 5.71        | 5.272       |                | ug/L |   | 92   | 44 - 150    | 0   | 30        |
| Di-n-butyl phthalate        | 5.71        | 5.382       |                | ug/L |   | 94   | 49 - 146    | 0   | 30        |
| Di-n-octyl phthalate        | 5.71        | 4.922       |                | ug/L |   | 86   | 55 - 150    | 6   | 30        |
| Fluoranthene                | 5.71        | 5.637       |                | ug/L |   | 99   | 50 - 144    | 2   | 30        |
| Fluorene                    | 5.71        | 5.056       |                | ug/L |   | 88   | 54 - 136    | 0   | 30        |
| Hexachlorobenzene           | 5.71        | 5.266       |                | ug/L |   | 92   | 55 - 138    | 2   | 30        |
| Hexachlorobutadiene         | 5.71        | 5.102       |                | ug/L |   | 89   | 45 - 150    | 1   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 4.031       |                | ug/L |   | 71   | 24 - 150    | 1   | 30        |
| Hexachloroethane            | 5.71        | 5.002       |                | ug/L |   | 88   | 30 - 130    | 1   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.897       |                | ug/L |   | 86   | 46 - 138    | 1   | 30        |
| Isophorone                  | 5.71        | 5.391       |                | ug/L |   | 94   | 48 - 147    | 2   | 30        |
| Naphthalene                 | 5.71        | 5.072       |                | ug/L |   | 89   | 35 - 141    | 1   | 30        |
| Nitrobenzene                | 5.71        | 5.910       |                | ug/L |   | 103  | 52 - 141    | 2   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 5.408       |                | ug/L |   | 95   | 41 - 137    | 4   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 5.438       |                | ug/L |   | 95   | 51 - 135    | 3   | 30        |
| Pentachlorophenol           | 5.71        | 5.562       |                | ug/L |   | 97   | 33 - 150    | 0   | 30        |
| Phenanthrene                | 5.71        | 5.376       |                | ug/L |   | 94   | 54 - 141    | 0   | 30        |
| Phenol                      | 5.71        | 5.183       |                | ug/L |   | 91   | 40 - 145    | 3   | 30        |
| Pyrene                      | 5.71        | 5.383       |                | ug/L |   | 94   | 50 - 143    | 1   | 30        |
| Pyridine                    | 5.71        | <0.837      | U *            | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine         | 5.71        | 3.680       |                | ug/L |   | 64   | 29 - 141    | 6   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.613       |                | ug/L |   | 98   | 60 - 150    | 4   | 30        |
| Acetophenone                | 5.71        | 4.440       |                | ug/L |   | 78   | 52 - 136    | 3   | 30        |
| N-Nitrosopiperidine         | 5.71        | 4.957       |                | ug/L |   | 87   | 36 - 148    | 2   | 30        |
| Pentachlorobenzene          | 5.71        | 4.137       |                | ug/L |   | 72   | 52 - 128    | 4   | 30        |
| Diphenyl ether              | 5.71        | 4.175       |                | ug/L |   | 73   | 46 - 130    | 1   | 30        |
| 1,1'-Biphenyl               | 5.71        | 4.080       |                | ug/L |   | 71   | 39 - 142    | 1   | 30        |
| 4-Aminobiphenyl             | 5.71        | 2.642       |                | ug/L |   | 46   | 10 - 115    | 4   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                            | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4,5-Tetrachlorobenzene         | 5.71        | 4.142       |                | ug/L |   | 72   | 46 - 125    | 1   | 30        |
| 1,3,5-Trinitrobenzene              | 5.71        | 2.947       |                | ug/L |   | 52   | 42 - 130    | 3   | 30        |
| 1,3-Dinitrobenzene                 | 5.71        | 4.695       |                | ug/L |   | 82   | 65 - 150    | 6   | 30        |
| 1,4-Naphthoquinone                 | 5.71        | 3.806       |                | ug/L |   | 67   | 24 - 137    | 10  | 30        |
| 1-Naphthylamine                    | 5.71        | 2.158       |                | ug/L |   | 38   | 10 - 130    | 27  | 30        |
| 2,6-Dichlorophenol                 | 5.71        | 4.595       |                | ug/L |   | 80   | 42 - 145    | 3   | 30        |
| 2-Acetylaminofluorene              | 5.71        | 3.643       |                | ug/L |   | 64   | 45 - 150    | 2   | 30        |
| 2-Chlorophenol                     | 5.71        | 5.616       |                | ug/L |   | 98   | 51 - 143    | 1   | 30        |
| 2-Naphthylamine                    | 5.71        | 1.841       | *1             | ug/L |   | 32   | 17 - 130    | 50  | 30        |
| 2-Picoline                         | 5.71        | <1.03       | U *- *1        | ug/L |   | 5    | 10 - 143    | 40  | 30        |
| 2-Toluidine                        | 5.71        | 0.7142      | *1             | ug/L |   | 12   | 10 - 130    | 122 | 30        |
| 3,3'-Dichlorobenzidine             | 5.71        | 1.690       |                | ug/L |   | 30   | 10 - 128    | 5   | 30        |
| 3,3'-Dimethylbenzidine             | 5.71        | <0.295      | U *- *1        | ug/L |   | 1    | 10 - 130    | 76  | 30        |
| 3-Methylcholanthrene               | 5.71        | 3.604       |                | ug/L |   | 63   | 53 - 130    | 1   | 30        |
| 4-Nitroquinoline-1-oxide           | 5.71        | 1.661       |                | ug/L |   | 29   | 20 - 140    | 8   | 30        |
| 7,12-Dimethylbenz(a)anthracene     | 5.71        | 4.007       |                | ug/L |   | 70   | 27 - 146    | 2   | 30        |
| alpha,alpha-Dimethylphenethylamine | 5.71        | 1.897       | J              | ug/L |   | 33   | 5 - 150     | 15  | 30        |
| Aramite Peak 1                     | 2.86        | 2.028       |                | ug/L |   | 71   | 45 - 150    | 3   | 30        |
| Aramite Peak 2                     | 2.86        | 1.789       |                | ug/L |   | 63   | 45 - 150    | 6   | 30        |
| Diallate Peak 1                    | 4.23        | 3.126       |                | ug/L |   | 74   | 47 - 150    | 3   | 30        |
| Diallate Peak 2                    | 1.49        | 1.144       |                | ug/L |   | 77   | 53 - 142    | 1   | 30        |
| Ethyl methanesulfonate             | 5.71        | 4.202       |                | ug/L |   | 74   | 45 - 138    | 1   | 30        |
| Hexachloropropene                  | 5.71        | 3.402       |                | ug/L |   | 60   | 35 - 140    | 0   | 30        |
| Isosafrole                         | 5.71        | 4.058       |                | ug/L |   | 71   | 47 - 137    | 0   | 30        |
| Isosafrole Peak 1                  | 0.914       | 0.6834      |                | ug/L |   | 75   | 48 - 132    | 4   | 30        |
| Isosafrole Peak 2                  | 4.80        | 3.375       |                | ug/L |   | 70   | 47 - 137    | 1   | 30        |
| Methyl methanesulfonate            | 5.71        | 4.168       |                | ug/L |   | 73   | 33 - 140    | 9   | 30        |
| N-Nitrosodiethylamine              | 5.71        | 4.496       |                | ug/L |   | 79   | 50 - 136    | 5   | 30        |
| N-Nitrosodi-n-butylamine           | 5.71        | 4.851       |                | ug/L |   | 85   | 30 - 150    | 0   | 30        |
| N-Nitrosomethylethylamine          | 5.71        | 4.390       |                | ug/L |   | 77   | 30 - 148    | 13  | 30        |
| N-Nitrosomorpholine                | 5.71        | 4.744       |                | ug/L |   | 83   | 40 - 140    | 0   | 30        |
| N-Nitrosopyrrolidine               | 5.71        | 4.416       |                | ug/L |   | 77   | 20 - 130    | 3   | 30        |
| p-Dimethylamino azobenzene         | 5.71        | 4.051       |                | ug/L |   | 71   | 16 - 150    | 0   | 30        |
| Pentachloronitrobenzene            | 5.71        | 4.532       |                | ug/L |   | 79   | 38 - 145    | 0   | 30        |
| Phenacetin                         | 5.71        | 4.068       |                | ug/L |   | 71   | 50 - 150    | 2   | 30        |
| p-Phenylene diamine                | 5.71        | <5.71       | U *1           | ug/L |   | 16   | 5 - 112     | 32  | 30        |
| Pronamide                          | 5.71        | 3.961       |                | ug/L |   | 69   | 60 - 150    | 2   | 30        |
| Safrole, Total                     | 5.71        | 4.155       |                | ug/L |   | 73   | 70 - 130    | 0   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 72             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 72             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 83             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 71             |                | 8 - 124  |
| p-Terphenyl-d14             | 72             |                | 28 - 130 |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-274823/5-A

Matrix: Water

Analysis Batch: 275269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Dimethoate                       | 2.86        | 5.758       | *+             | ug/L |   | 202  | 70 - 150    | 4   | 30        |
| Dinoseb                          | 5.71        | 9.528       | *+             | ug/L |   | 167  | 10 - 150    | 5   | 30        |
| Disulfoton                       | 2.86        | 6.306       | *+             | ug/L |   | 221  | 80 - 150    | 2   | 30        |
| Ethyl Parathion                  | 2.86        | 12.07       | *+             | ug/L |   | 422  | 70 - 150    | 1   | 30        |
| Famphur                          | 2.86        | 3.372       |                | ug/L |   | 118  | 10 - 150    | 1   | 30        |
| Methapyrilene                    | 5.71        | 5.264       |                | ug/L |   | 92   | 10 - 150    | 6   | 30        |
| Methyl parathion                 | 2.86        | 11.22       | *+             | ug/L |   | 393  | 80 - 150    | 3   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.026       |                | ug/L |   | 106  | 38 - 150    | 2   | 30        |
| Phorate                          | 2.86        | 6.146       | *+             | ug/L |   | 215  | 65 - 150    | 2   | 30        |
| Sulfotepp                        | 2.86        | 5.967       | *+             | ug/L |   | 209  | 28 - 150    | 5   | 30        |
| Thionazin                        | 2.86        | 2.673       |                | ug/L |   | 94   | 40 - 140    | 7   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 69             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 71             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 64             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 78             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 65             |                | 8 - 124  |
| p-Terphenyl-d14             | 64             |                | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: MB 860-274823/1-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine - RA | <0.159    | U            | 0.571 | 0.159 | ug/L |   | 11/11/25 08:31 | 11/18/25 14:51 | 1       |

| Surrogate                        | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) - RA | 67           |              | 26 - 136 | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| 2-Fluorobiphenyl - RA            | 88           |              | 39 - 130 | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| 2-Fluorophenol (Surr) - RA       | 88           |              | 19 - 120 | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Nitrobenzene-d5 (Surr) - RA      | 94           |              | 32 - 133 | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| Phenol-d5 (Surr) - RA            | 73           |              | 8 - 124  | 11/11/25 08:31 | 11/18/25 14:51 | 1       |
| p-Terphenyl-d14 - RA             | 86           | *3           | 28 - 130 | 11/11/25 08:31 | 11/18/25 14:51 | 1       |

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| N-Nitrosodimethylamine - RA | 5.71        | 3.356      |               | ug/L |   | 59   | 33 - 148    |

| Surrogate                        | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) - RA | 52            |               | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 49            |               | 39 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: LCS 860-274823/2-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274823

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2-Fluorophenol (Surr) - RA  | 53        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA | 64        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA       | 48        |           | 8 - 124  |
| p-Terphenyl-d14 - RA        | 51        |           | 28 - 130 |

Lab Sample ID: LCSD 860-274823/3-A

Matrix: Water

Analysis Batch: 276600

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 274823

|                             | Spike | LCSD   | LCSD      |      |   |      | %Rec     |     |
|-----------------------------|-------|--------|-----------|------|---|------|----------|-----|
| Analyte                     | Added | Result | Qualifier | Unit | D | %Rec | Limits   | RPD |
| N-Nitrosodimethylamine - RA | 5.71  | 3.810  |           | ug/L |   | 67   | 33 - 148 | 13  |

|                                  | LCSD      | LCSD      |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) - RA | 48        |           | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 52        |           | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 51        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 59        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 45        |           | 8 - 124  |
| p-Terphenyl-d14 - RA             | 50        |           | 28 - 130 |

## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### GC/MS VOA

#### Analysis Batch: 274815

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116013-1      | MW-71                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-2      | MW-70                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-3      | MW-65                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-4      | MW-72                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-5      | MW-67                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-6      | MW-68                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-7      | RB-03                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-8      | MW-66                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-9      | DUPE-03                | Total/NA  | Water  | 8260D  |            |
| 860-116013-10     | MW-69                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-11     | FB-03                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-12     | MW-64                  | Total/NA  | Water  | 8260D  |            |
| 860-116013-13     | TB-03                  | Total/NA  | Water  | 8260D  |            |
| MB 860-274815/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-274815/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-274815/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116013-1 MS   | MW-71                  | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 275131

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116013-9 - DL | DUPE-03                | Total/NA  | Water  | 8260D  |            |
| MB 860-275131/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275131/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 870-41442-H-4 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 274823

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116013-1 - RA  | MW-71            | Total/NA  | Water  | 3511   |            |
| 860-116013-1       | MW-71            | Total/NA  | Water  | 3511   |            |
| 860-116013-2 - RA  | MW-70            | Total/NA  | Water  | 3511   |            |
| 860-116013-2       | MW-70            | Total/NA  | Water  | 3511   |            |
| 860-116013-3 - RA  | MW-65            | Total/NA  | Water  | 3511   |            |
| 860-116013-3       | MW-65            | Total/NA  | Water  | 3511   |            |
| 860-116013-4 - RA  | MW-72            | Total/NA  | Water  | 3511   |            |
| 860-116013-4       | MW-72            | Total/NA  | Water  | 3511   |            |
| 860-116013-5 - RA  | MW-67            | Total/NA  | Water  | 3511   |            |
| 860-116013-5 - DL  | MW-67            | Total/NA  | Water  | 3511   |            |
| 860-116013-5       | MW-67            | Total/NA  | Water  | 3511   |            |
| 860-116013-6 - DL  | MW-68            | Total/NA  | Water  | 3511   |            |
| 860-116013-6       | MW-68            | Total/NA  | Water  | 3511   |            |
| 860-116013-7       | RB-03            | Total/NA  | Water  | 3511   |            |
| 860-116013-8 - DL  | MW-66            | Total/NA  | Water  | 3511   |            |
| 860-116013-8       | MW-66            | Total/NA  | Water  | 3511   |            |
| 860-116013-9 - DL  | DUPE-03          | Total/NA  | Water  | 3511   |            |
| 860-116013-9       | DUPE-03          | Total/NA  | Water  | 3511   |            |
| 860-116013-10      | MW-69            | Total/NA  | Water  | 3511   |            |
| 860-116013-10 - RA | MW-69            | Total/NA  | Water  | 3511   |            |
| 860-116013-12 - DL | MW-64            | Total/NA  | Water  | 3511   |            |
| 860-116013-12      | MW-64            | Total/NA  | Water  | 3511   |            |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 274823 (Continued)

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| MB 860-274823/1-A - RA   | Method Blank           | Total/NA  | Water  | 3511   |            |
| MB 860-274823/1-A        | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/2-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-274823/4-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/3-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-274823/5-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 275269

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-274823/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |

### Analysis Batch: 275822

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116013-4  | MW-72            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-5  | MW-67            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-6  | MW-68            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-7  | RB-03            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-8  | MW-66            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-9  | DUPE-03          | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-12 | MW-64            | Total/NA  | Water  | 8270E  | 274823     |

### Analysis Batch: 275931

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116013-10 | MW-69            | Total/NA  | Water  | 8270E  | 274823     |

### Analysis Batch: 276080

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116013-1  | MW-71            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-2  | MW-70            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-3  | MW-65            | Total/NA  | Water  | 8270E  | 274823     |

### Analysis Batch: 276600

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| MB 860-274823/1-A - RA   | Method Blank           | Total/NA  | Water  | 8270E  | 274823     |
| LCS 860-274823/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 274823     |
| LCSD 860-274823/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 274823     |

### Analysis Batch: 276617

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116013-1 - RA | MW-71            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-2 - RA | MW-70            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-3 - RA | MW-65            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-4 - RA | MW-72            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-5 - RA | MW-67            | Total/NA  | Water  | 8270E  | 274823     |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### GC/MS Semi VOA

#### Analysis Batch: 276619

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116013-10 - RA | MW-69            | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276739

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116013-6  | MW-68            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-7  | RB-03            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-8  | MW-66            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-9  | DUPE-03          | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-12 | MW-64            | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 276926

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116013-6 - DL  | MW-68            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-8 - DL  | MW-66            | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-9 - DL  | DUPE-03          | Total/NA  | Water  | 8270E  | 274823     |
| 860-116013-12 - DL | MW-64            | Total/NA  | Water  | 8270E  | 274823     |

#### Analysis Batch: 277276

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116013-5 - DL | MW-67            | Total/NA  | Water  | 8270E  | 274823     |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

**Client Sample ID: MW-71**

**Date Collected: 11/05/25 10:54**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 12:01       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.8 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 20:58       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276080       | 11/15/25 11:11       | DB      | EET HOU |

**Client Sample ID: MW-70**

**Date Collected: 11/05/25 11:08**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 12:22       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.9 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 21:28       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276080       | 11/15/25 11:40       | DB      | EET HOU |

**Client Sample ID: MW-65**

**Date Collected: 11/05/25 11:57**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 12:42       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.4 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 21:58       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.4 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276080       | 11/15/25 12:10       | DB      | EET HOU |

**Client Sample ID: MW-72**

**Date Collected: 11/05/25 12:08**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 13:03       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 68.5 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 22:28       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.5 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275822       | 11/14/25 20:28       | EM      | EET HOU |

**Client Sample ID: MW-67**

**Date Collected: 11/05/25 13:34**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 16:07       | NA      | EET HOU |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

**Client Sample ID: MW-67**

**Date Collected: 11/05/25 13:34**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3511         | RA  |            | 70.2 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 22:58       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.2 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275822       | 11/14/25 20:57       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.2 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 277276       | 11/20/25 22:59       | PXS     | EET HOU |

**Client Sample ID: MW-68**

**Date Collected: 11/05/25 13:47**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 10         | 5 mL           | 5 mL         | 274815       | 11/11/25 16:49       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.5 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 276926       | 11/19/25 15:51       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.5 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 05:24       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.5 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275822       | 11/14/25 21:27       | EM      | EET HOU |

**Client Sample ID: RB-03**

**Date Collected: 11/05/25 13:58**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 13:23       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.7 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 05:54       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.7 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275822       | 11/14/25 21:56       | EM      | EET HOU |

**Client Sample ID: MW-66**

**Date Collected: 11/05/25 14:24**

**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-8**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 10         | 5 mL           | 5 mL         | 274815       | 11/11/25 17:09       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 71.2 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 276926       | 11/19/25 16:46       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 71.2 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 06:24       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 71.2 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275822       | 11/14/25 22:25       | EM      | EET HOU |

Eurofins Houston

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

**Client Sample ID: DUPE-03**

**Lab Sample ID: 860-116013-9**

**Date Collected: 11/05/25 00:00**

**Matrix: Water**

**Date Received: 11/07/25 09:02**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 16:28       | NA      | EET HOU |
| Total/NA  | Analysis   | 8260D        | DL  | 20         | 5 mL           | 5 mL         | 275131       | 11/12/25 14:49       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.9 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 276926       | 11/19/25 17:42       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 06:53       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275822       | 11/14/25 22:54       | EM      | EET HOU |

**Client Sample ID: MW-69**

**Lab Sample ID: 860-116013-10**

**Date Collected: 11/05/25 14:34**

**Matrix: Water**

**Date Received: 11/07/25 09:02**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 13:44       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275931       | 11/14/25 19:34       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70 mL          | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 05:28       | EM      | EET HOU |

**Client Sample ID: FB-03**

**Lab Sample ID: 860-116013-11**

**Date Collected: 11/05/25 14:34**

**Matrix: Water**

**Date Received: 11/07/25 09:02**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 11:41       | NA      | EET HOU |

**Client Sample ID: MW-64**

**Lab Sample ID: 860-116013-12**

**Date Collected: 11/05/25 15:11**

**Matrix: Water**

**Date Received: 11/07/25 09:02**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 10         | 5 mL           | 5 mL         | 274815       | 11/11/25 17:30       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.7 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 276926       | 11/19/25 18:38       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.7 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276739       | 11/19/25 07:23       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.7 mL        | 4 mL         | 274823       | 11/11/25 08:31       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275822       | 11/14/25 23:24       | EM      | EET HOU |

Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

**Client Sample ID: TB-03**  
**Date Collected: 11/05/25 00:00**  
**Date Received: 11/07/25 09:02**

**Lab Sample ID: 860-116013-13**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 274815       | 11/11/25 11:20       | NA      | EET HOU |

**Laboratory References:**  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-30-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



## Sample Summary

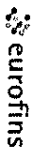
Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116013-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116013-1  | MW-71            | Water  | 11/05/25 10:54 | 11/07/25 09:02 | Mississippi   |
| 860-116013-2  | MW-70            | Water  | 11/05/25 11:08 | 11/07/25 09:02 | Mississippi   |
| 860-116013-3  | MW-65            | Water  | 11/05/25 11:57 | 11/07/25 09:02 | Mississippi   |
| 860-116013-4  | MW-72            | Water  | 11/05/25 12:08 | 11/07/25 09:02 | Mississippi   |
| 860-116013-5  | MW-67            | Water  | 11/05/25 13:34 | 11/07/25 09:02 | Mississippi   |
| 860-116013-6  | MW-68            | Water  | 11/05/25 13:47 | 11/07/25 09:02 | Mississippi   |
| 860-116013-7  | RB-03            | Water  | 11/05/25 13:58 | 11/07/25 09:02 | Mississippi   |
| 860-116013-8  | MW-66            | Water  | 11/05/25 14:24 | 11/07/25 09:02 | Mississippi   |
| 860-116013-9  | DUPE-03          | Water  | 11/05/25 00:00 | 11/07/25 09:02 | Mississippi   |
| 860-116013-10 | MW-69            | Water  | 11/05/25 14:34 | 11/07/25 09:02 | Mississippi   |
| 860-116013-11 | FB-03            | Water  | 11/05/25 14:34 | 11/07/25 09:02 | Mississippi   |
| 860-116013-12 | MW-64            | Water  | 11/05/25 15:11 | 11/07/25 09:02 | Mississippi   |
| 860-116013-13 | TB-03            | Water  | 11/05/25 00:00 | 11/07/25 09:02 | Mississippi   |



Area # 25



**Don't Test**

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## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116013-1

**Login Number: 116013**

**List Source: Eurofins Houston**

**List Number: 1**

**Creator: Torres, Sandra**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   | 4.2     |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 12/9/2025 3:50:07 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116038-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
12/9/2025 3:50:07 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                                                                 |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                                                                |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                                                                      |
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| E         | Result exceeded calibration range.                                                                                                                        |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                                                            |
| F2        | MS/MSD RPD exceeds control limits                                                                                                                         |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.                                             |
| I         | Value is EMPC (estimated maximum possible concentration).                                                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.                                            |
| S1-       | Surrogate recovery exceeds control limits, low biased.                                                                                                    |
| U         | Indicates the analyte was analyzed for but not detected.                                                                                                  |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |

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# Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|--------------|-----------------------------------------------------------------------------|
| TEF          | Toxicity Equivalent Factor (Dioxin)                                         |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)                                       |
| TNTC         | Too Numerous To Count                                                       |

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# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Job ID: 860-116038-1**

**Eurofins Houston**

## Job Narrative 860-116038-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/8/2025 9:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275382 recovered outside acceptance criteria, low biased, for Benzyl chloride (-23%) and Vinyl acetate (-32%). A low level standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-275382 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-30D (860-116038-6), MW-29S (860-116038-7), MW-29D (860-116038-8) and DUPE-02 (860-116038-9). Elevated reporting limits (RLs) are provided.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-29S (860-116038-7), (560-129512-A-4) and (560-129512-A-4 MS). Elevated reporting limits (RLs) are provided.

Method 8260D: The laboratory control sample (LCS) for analytical batch 860-275621 recovered outside control limits for the following analytes: Ethyl methacrylate and Propionitrile. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-275621 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275621 recovered outside acceptance criteria, low biased, for Acrolein (-47%). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275621 recovered above the upper control limit for 2-Butanone, Butadiene, Dichloro difluoromethane, Ethyl methacrylate, Iodomethane, Methacrylonitrile, Propionitrile, and Vinyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCVIS 860-275621/2).

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-275621 recovered outside control limits for the following analytes: Ethyl methacrylate, Propionitrile, Methacrylonitrile, Tetrahydrofuran and 2-Butanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### Job ID: 860-116038-1 (Continued)

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Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275601 and analytical batch 860-275964 recovered outside control limits for the following analyte(s): Benzyl alcohol. Benzyl alcohol has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Di-n-octyl phthalate, 1,3-Dinitrobenzene, Hexachloropropene and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-275601 and analytical batch 860-275964 recovered outside control limits for the following analytes: Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Methapyrilene, Disulfoton and Thionazin. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276089 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276089 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276089/3).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Disulfoton and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275964/3).

Method 8270E\_QQQ: The laboratory is using 70 - 130% as interim acceptance criteria for recoveries of spiked analytes for Safrole, Total, until in-house LCS limits are developed. Data is flagged and reported.

(LCS 860-275601/2-A)

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276290 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276290/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276290 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276290/3).

Method 8270E\_QQQ: The laboratory is using default limits of 70-130% as interim acceptance criteria for the recovery of spiked

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### Job ID: 860-116038-1 (Continued)

Eurofins Houston

analytes for Safrole, Total until in house limits are developed. The data is flagged and reported.

(LCS 860-275601/2-A) and (LCSD 860-275601/3-A)

Method 8270E\_QQQ: Internal standard (ISTD) response for Perylene-d12 for the following samples in analytical batch 860-276737 was outside acceptance criteria: MW-29D (860-116038-8) and DUPE-02 (860-116038-9). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-33S (860-116038-11[MS]) and MW-33S (860-116038-11[MSD]). These results have been reported and qualified.

Method 8270E\_QQQ: The following samples were diluted due to abundance of target analytes : MW-29D (860-116038-8), DUPE-02 (860-116038-9) and MW-33D (860-116038-12). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-33D (860-116038-12). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-34DR (860-116038-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-34DR (860-116038-2). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-33S (860-116038-11[MS]) and MW-33S (860-116038-11[MSD]). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-277389 recovered above the upper control limit for Phenol-d5 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-277389/2).

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-277294 and analytical batch 860-277683 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis MS/MS data not matching: MW-33S (860-116038-11), MW-33S (860-116038-11[MS]) and MW-33S (860-116038-11[MSD]).

Method 8270E\_QQQ: The laboratory control sample (LCS) for preparation batch 860-277294 and analytical batch 860-277514 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-277514 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-277514/3).

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### Job ID: 860-116038-1 (Continued)

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Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-33S (860-116038-11[MS]) and MW-33S (860-116038-11[MSD]). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-275601 and analytical batch 860-276926 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E\_QQQ: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 860-275601 and analytical batch 860-276926 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of 1,1'-Biphenyl in the MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-278793 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Famphur, Phorate, Sulfotepp, Methapyrilene and Methyl parathion. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCV 860-278793/3).

Method 8270E\_QQQ: The following samples were diluted due to the nature of the sample matrix: MW-33S (860-116038-11[MS]) and MW-33S (860-116038-11[MSD]). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following samples were re-prepared and re-analyzed outside of preparation holding time due to initial analysis

A9 spike omitted: MW-33S (860-116038-11[MS]) and MW-33S (860-116038-11[MSD]).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The following samples were diluted due to the nature of the sample matrix: MW-33S (860-116038-11[MS]) and MW-33S (860-116038-11[MSD]). Because of this dilution, the matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### Client Sample ID: MW-34SR

Lab Sample ID: 860-116038-1

No Detections.

### Client Sample ID: MW-34DR

Lab Sample ID: 860-116038-2

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Dibenzofuran        | 0.911  |           | 0.565 | 0.111 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol              | 3.58   |           | 1.13  | 0.501 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 1420   |           | 226   | 40.0  | ug/L | 400     |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL  | 333    |           | 11.3  | 2.24  | ug/L | 20      |   | 8270E  | Total/NA  |

### Client Sample ID: MW-32S

Lab Sample ID: 860-116038-3

No Detections.

### Client Sample ID: MW-32D

Lab Sample ID: 860-116038-4

No Detections.

### Client Sample ID: MW-30S

Lab Sample ID: 860-116038-5

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Carbon tetrachloride | 31.2   |           | 2.00 | 0.896 | ug/L | 1       |   | 8260D  | Total/NA  |

### Client Sample ID: MW-30D

Lab Sample ID: 860-116038-6

| Analyte              | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Carbon tetrachloride | 3580   |           | 100   | 44.8  | ug/L | 50      |   | 8260D  | Total/NA  |
| Chloroform           | 24.0   | J         | 50.0  | 23.2  | ug/L | 50      |   | 8260D  | Total/NA  |
| Naphthalene          | 0.132  | J         | 0.568 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl        | 15.4   |           | 0.568 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL  | 66.4   |           | 5.68  | 1.00  | ug/L | 10      |   | 8270E  | Total/NA  |

### Client Sample ID: MW-29S

Lab Sample ID: 860-116038-7

| Analyte                   | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Chloroform                | 227    |           | 50.0  | 23.2  | ug/L | 50      |   | 8260D  | Total/NA  |
| Carbon tetrachloride - DL | 14600  |           | 400   | 179   | ug/L | 200     |   | 8260D  | Total/NA  |
| Hexachloroethane          | 0.199  | J         | 0.576 | 0.126 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether            | 3.22   |           | 0.576 | 0.102 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl             | 0.903  |           | 0.576 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-29D

Lab Sample ID: 860-116038-8

| Analyte              | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzene              | 557    | J         | 1000  | 460   | ug/L | 1000    |   | 8260D  | Total/NA  |
| Carbon tetrachloride | 99800  |           | 2000  | 896   | ug/L | 1000    |   | 8260D  | Total/NA  |
| Chloroform           | 2020   |           | 1000  | 464   | ug/L | 1000    |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene  | 1.80   |           | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene  | 0.184  | J         | 0.571 | 0.108 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene  | 2.82   |           | 0.571 | 0.109 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene  | 0.254  | J         | 0.571 | 0.109 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitrophenol        | 1.90   |           | 0.571 | 0.137 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran         | 0.810  |           | 0.571 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachloroethane     | 1.86   |           | 0.571 | 0.125 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene          | 4.98   |           | 0.571 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol               | 3.87   |           | 1.14  | 0.506 | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### Client Sample ID: MW-29D (Continued)

Lab Sample ID: 860-116038-8

| Analyte        | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Acetophenone   | 0.560  | J         | 1.14 | 0.138 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether | 1680   |           | 228  | 40.4  | ug/L | 400     |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl  | 524    |           | 228  | 45.2  | ug/L | 400     |   | 8270E  | Total/NA  |

### Client Sample ID: DUPE-02

Lab Sample ID: 860-116038-9

| Analyte              | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzene              | 542    | J         | 1000  | 460   | ug/L | 1000    |   | 8260D  | Total/NA  |
| Carbon tetrachloride | 108000 |           | 2000  | 896   | ug/L | 1000    |   | 8260D  | Total/NA  |
| Chloroform           | 2150   |           | 1000  | 464   | ug/L | 1000    |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene  | 2.24   |           | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene  | 0.223  | J         | 0.571 | 0.108 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene  | 3.48   |           | 0.571 | 0.110 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene  | 0.318  | J I       | 0.571 | 0.109 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitrophenol        | 2.49   |           | 0.571 | 0.137 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran         | 0.984  |           | 0.571 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachloroethane     | 2.43   |           | 0.571 | 0.125 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene          | 6.23   |           | 0.571 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol    | 0.435  | J         | 0.571 | 0.312 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol               | 2.74   |           | 1.14  | 0.506 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acetophenone         | 0.691  | J         | 1.14  | 0.138 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether       | 1940   |           | 229   | 40.4  | ug/L | 400     |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl        | 625    |           | 229   | 45.3  | ug/L | 400     |   | 8270E  | Total/NA  |

### Client Sample ID: TB-05

Lab Sample ID: 860-116038-10

No Detections.

### Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Acenaphthene        | 0.183  | J F1      | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran        | 0.127  | J         | 0.571 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol              | 0.615  | J F1      | 1.14  | 0.506 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl       | 0.785  | F1        | 0.571 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 358    |           | 11.4  | 2.02  | ug/L | 20      |   | 8270E  | Total/NA  |
| Acenaphthene - RE   | 0.256  | J H       | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran - RE   | 0.147  | J H       | 0.571 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol - RE         | 1.32   | H F1      | 1.14  | 0.506 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - RE  | 1.06   | H         | 0.571 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-33D

Lab Sample ID: 860-116038-12

| Analyte                   | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Cumene (isopropylbenzene) | 1.11   |           | 1.00  | 0.592 | ug/L | 1       |   | 8260D  | Total/NA  |
| 2-Methylnaphthalene       | 0.643  |           | 0.572 | 0.109 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene              | 1.35   |           | 0.572 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| Benzyl alcohol            | 0.275  | J         | 2.86  | 0.225 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran              | 5.69   |           | 0.572 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                  | 0.342  | J         | 0.572 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene               | 1.75   |           | 0.572 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol         | 0.433  | J         | 0.572 | 0.312 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenanthrene              | 0.329  | J         | 0.572 | 0.107 | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33D (Continued)

Lab Sample ID: 860-116038-12

| Analyte            | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Phenol             | 7.02   |           | 1.14 | 0.507 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether     | 5440   |           | 2860 | 506   | ug/L | 5000    |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL | 1320   |           | 57.2 | 11.3  | ug/L | 100     |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34SR

Lab Sample ID: 860-116038-1

Date Collected: 11/06/25 08:25

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/12/25 23:59 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/12/25 23:59 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/12/25 23:59 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/12/25 23:59 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/12/25 23:59 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/12/25 23:59 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/12/25 23:59 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/12/25 23:59 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/12/25 23:59 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/12/25 23:59 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34SR

Lab Sample ID: 860-116038-1

Date Collected: 11/06/25 08:25

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/12/25 23:59 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/12/25 23:59 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/12/25 23:59 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/12/25 23:59 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/12/25 23:59 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/12/25 23:59 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/12/25 23:59 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/12/25 23:59 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/12/25 23:59 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/12/25 23:59 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/12/25 23:59 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/12/25 23:59 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 63 - 144 |          | 11/12/25 23:59 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/12/25 23:59 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/12/25 23:59 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/12/25 23:59 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.124  | U         | 0.587 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,2-Dichlorobenzene          | <0.104  | U         | 0.587 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,3-Dichlorobenzene          | <0.111  | U         | 0.587 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,4-Dichlorobenzene          | <0.113  | U         | 0.587 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.90   | U         | 2.94  | 1.90   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,4,5-Trichlorophenol        | <0.443  | U         | 0.587 | 0.443  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,4,6-Trichlorophenol        | <0.120  | U         | 0.587 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,4-Dichlorophenol           | <0.129  | U         | 0.587 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,4-Dimethylphenol           | <0.115  | U         | 0.587 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,4-Dioxane                  | <0.108  | U         | 0.587 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,4-Dinitrophenol            | <1.42   | U         | 5.87  | 1.42   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,4-Dinitrotoluene           | <0.527  | U         | 1.17  | 0.527  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,6-Dinitrotoluene           | <0.281  | U         | 0.587 | 0.281  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Chloronaphthalene          | <0.121  | U         | 0.587 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Methylnaphthalene          | <0.112  | U         | 0.587 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Methylphenol               | <0.112  | U         | 0.587 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Nitroaniline               | <0.163  | U         | 0.587 | 0.163  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Nitrophenol                | <0.141  | U         | 0.587 | 0.141  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 3 & 4 Methylphenol           | <0.0970 | U         | 0.587 | 0.0970 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 3-Nitroaniline               | <0.229  | U         | 1.17  | 0.229  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.26   | U         | 2.94  | 1.26   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34SR

Lab Sample ID: 860-116038-1

Date Collected: 11/06/25 08:25

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.108  | U         | 0.587 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 4-Chloro-3-methylphenol     | <0.122  | U         | 0.587 | 0.122  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 4-Chloroaniline             | <0.0906 | U         | 0.587 | 0.0906 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0981 | U         | 0.587 | 0.0981 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 4-Nitroaniline              | <0.278  | U         | 1.17  | 0.278  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Acenaphthene                | <0.104  | U         | 0.587 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Acenaphthylene              | <0.128  | U         | 0.587 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Aniline                     | <0.463  | U         | 1.17  | 0.463  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Anthracene                  | <0.107  | U         | 0.587 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Benzo[a]anthracene          | <0.130  | U         | 0.294 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Benzo[a]pyrene              | <0.110  | U         | 0.294 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Benzo[b]fluoranthene        | <0.128  | U         | 0.587 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Benzo[g,h,i]perylene        | <0.0928 | U         | 0.587 | 0.0928 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Benzo[k]fluoranthene        | <0.127  | U         | 0.587 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Benzyl alcohol              | <0.230  | U         | 2.94  | 0.230  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Bis(2-chloroethoxy)methane  | <0.110  | U         | 0.587 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Bis(2-chloroethyl)ether     | <0.110  | U         | 0.587 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.587  | U         | 1.17  | 0.587  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Butyl benzyl phthalate      | <0.345  | U         | 1.17  | 0.345  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Chrysene                    | <0.0992 | U         | 0.587 | 0.0992 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Dibenz(a,h)anthracene       | <0.0874 | U         | 0.117 | 0.0874 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Dibenzofuran                | <0.115  | U         | 0.587 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Diethyl phthalate           | <0.192  | U         | 1.17  | 0.192  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Dimethyl phthalate          | <0.137  | U         | 1.17  | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Di-n-butyl phthalate        | <0.679  | U         | 1.17  | 0.679  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Di-n-octyl phthalate        | <0.294  | U         | 1.17  | 0.294  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Fluoranthene                | <0.123  | U         | 0.587 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Fluorene                    | <0.116  | U         | 0.587 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Hexachlorobenzene           | <0.136  | U         | 0.587 | 0.136  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Hexachlorobutadiene         | <0.166  | U         | 0.587 | 0.166  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Hexachlorocyclopentadiene   | <0.184  | U         | 1.17  | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Hexachloroethane            | <0.128  | U         | 0.587 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.106  | U         | 0.587 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Isophorone                  | <0.109  | U         | 0.587 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Naphthalene                 | <0.117  | U         | 0.587 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Nitrobenzene                | <0.157  | U         | 0.587 | 0.157  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosodi-n-propylamine   | <0.151  | U         | 0.587 | 0.151  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosodiphenylamine      | <0.115  | U         | 0.587 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Pentachlorophenol           | <0.321  | U         | 0.587 | 0.321  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Phenanthrene                | <0.110  | U         | 0.587 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Phenol                      | <0.521  | U         | 1.17  | 0.521  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Pyrene                      | <0.133  | U         | 0.587 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Pyridine                    | <0.860  | U         | 2.94  | 0.860  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitro-o-toluidine         | <0.670  | U         | 1.17  | 0.670  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.261  | U         | 0.587 | 0.261  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Acetophenone                | <0.142  | U         | 1.17  | 0.142  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosopiperidine         | <0.648  | U         | 1.17  | 0.648  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Pentachlorobenzene          | <0.129  | U         | 0.587 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Diphenyl ether              | <0.104  | U         | 0.587 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34SR

Lab Sample ID: 860-116038-1

Date Collected: 11/06/25 08:25

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                       | <0.116  | U         | 0.587 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 4-Aminobiphenyl                     | <0.200  | U         | 0.587 | 0.200  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.118  | U         | 0.587 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,3,5-Trinitrobenzene               | <0.671  | U         | 1.17  | 0.671  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,3-Dinitrobenzene                  | <0.604  | U         | 1.17  | 0.604  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1,4-Naphthoquinone                  | <0.0629 | U         | 0.587 | 0.0629 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 1-Naphthylamine                     | <0.277  | U         | 0.587 | 0.277  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,6-Dichlorophenol                  | <0.100  | U         | 0.587 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Acetylaminofluorene               | <1.75   | U         | 2.94  | 1.75   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Chlorophenol                      | <0.105  | U         | 0.587 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Naphthylamine                     | <0.423  | U         | 0.587 | 0.423  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Picoline                          | <1.06   | U         | 1.17  | 1.06   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Toluidine                         | <0.436  | U         | 0.587 | 0.436  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 3,3'-Dichlorobenzidine              | <0.668  | U         | 1.17  | 0.668  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 3,3'-Dimethylbenzidine              | <0.303  | U         | 0.587 | 0.303  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 3-Methylcholanthrene                | <0.0906 | U         | 0.587 | 0.0906 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.654  | U         | 1.17  | 0.654  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.131  | U         | 0.587 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.49   | U         | 5.87  | 1.49   | ug/L |   | 11/13/25 11:44 | 11/19/25 02:06 | 1       |
| Aramite Peak 1                      | <0.189  | U         | 0.587 | 0.189  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Aramite Peak 2                      | <0.208  | U         | 0.587 | 0.208  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Aramite, Total                      | <0.189  | U *       | 0.587 | 0.189  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Diallate                            | <0.0307 | U *       | 0.587 | 0.0307 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Diallate Peak 1                     | <0.0768 | U         | 0.587 | 0.0768 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Diallate Peak 2                     | <0.0307 | U         | 0.587 | 0.0307 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Dimethoate                          | <0.513  | U **      | 2.94  | 0.513  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Dinoseb                             | <0.695  | U **      | 2.94  | 0.695  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Disulfoton                          | <2.21   | U **      | 2.94  | 2.21   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Ethyl methanesulfonate              | <0.190  | U         | 0.587 | 0.190  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Ethyl Parathion                     | <0.643  | U **      | 1.17  | 0.643  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Famphur                             | <0.266  | U         | 1.17  | 0.266  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Hexachloropropene                   | <0.587  | U         | 0.587 | 0.587  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Isosafrole                          | <0.0237 | U         | 0.587 | 0.0237 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Isosafrole Peak 1                   | <0.0237 | U         | 0.587 | 0.0237 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Isosafrole Peak 2                   | <0.101  | U         | 0.587 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Methapyrilene                       | <1.56   | U **      | 2.35  | 1.56   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Methyl methanesulfonate             | <0.191  | U         | 0.587 | 0.191  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Methyl parathion                    | <2.84   | U **      | 2.94  | 2.84   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosodiethylamine               | <0.692  | U         | 1.17  | 0.692  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosodimethylamine              | <0.164  | U         | 0.587 | 0.164  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosodi-n-butylamine            | <0.744  | U         | 1.17  | 0.744  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosomethylethylamine           | <0.720  | U         | 1.17  | 0.720  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosomorpholine                 | <0.733  | U         | 1.17  | 0.733  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| N-Nitrosopyrrolidine                | <0.112  | U         | 0.587 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.136  | U         | 0.587 | 0.136  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| p-Dimethylamino azobenzene          | <0.159  | U         | 0.587 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Pentachloronitrobenzene             | <0.260  | U         | 0.587 | 0.260  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Phenacetin                          | <0.259  | U         | 0.587 | 0.259  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Phorate                             | <2.68   | U **      | 5.87  | 2.68   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34SR

Lab Sample ID: 860-116038-1

Date Collected: 11/06/25 08:25

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| p-Phenylene diamine | <5.87   | U         | 5.87  | 5.87   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Pronamide           | <0.138  | U         | 0.587 | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Safrole, Total      | <0.0946 | U *-      | 0.587 | 0.0946 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Sulfotepp           | <0.484  | U **      | 1.17  | 0.484  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Thionazin           | <0.349  | U         | 1.17  | 0.349  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:06 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 02:06 | 1       |
| 2-Fluorobiphenyl            | 73        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Fluorobiphenyl            | 66        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 02:06 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 02:06 | 1       |
| Nitrobenzene-d5 (Surr)      | 68        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Nitrobenzene-d5 (Surr)      | 70        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 02:06 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 02:06 | 1       |
| p-Terphenyl-d14             | 71        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 15:06 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 02:06 | 1       |

Client Sample ID: MW-34DR

Lab Sample ID: 860-116038-2

Date Collected: 11/06/25 09:07

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                                 | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane               | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,1-Dichloroethane                      | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,1-Dichloroethene                      | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,2,3-Trichloropropane                  | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,2,4-Trimethylbenzene                  | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,2-Dibromo-3-Chloropropane             | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,2-Dibromoethane                       | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,2-Dichloroethane                      | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,2-Dichloropropane                     | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,3,5-Trimethylbenzene                  | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 1,3-Butadiene                           | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 2,2,4-Trimethylpentane                  | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 2-Butanone (MEK)                        | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 00:20 | 1       |
| 2-Hexanone (MBK)                        | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 00:20 | 1       |
| 2-Propanol                              | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 00:20 | 1       |
| 3-Chloropropene (Allyl Chloride)        | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 00:20 | 1       |
| 4-Methyl-2-pentanone                    | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 00:20 | 1       |
| Acetone                                 | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 00:20 | 1       |
| Acetonitrile                            | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 00:20 | 1       |
| Acrolein                                | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 00:20 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34DR

Lab Sample ID: 860-116038-2

Date Collected: 11/06/25 09:07

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/13/25 00:20 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 00:20 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 00:20 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 00:20 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 00:20 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 00:20 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 00:20 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 00:20 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 00:20 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 00:20 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 00:20 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 63 - 144 |          | 11/13/25 00:20 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 74 - 124 |          | 11/13/25 00:20 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 75 - 131 |          | 11/13/25 00:20 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34DR

Lab Sample ID: 860-116038-2

Date Collected: 11/06/25 09:07

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Surrogate         | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 100       |           | 80 - 120 |          | 11/13/25 00:20 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.119  | U         | 0.565 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,2-Dichlorobenzene          | <0.0998 | U         | 0.565 | 0.0998 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.565 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,4-Dichlorobenzene          | <0.108  | U         | 0.565 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.83   | U         | 2.82  | 1.83   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,4,5-Trichlorophenol        | <0.426  | U         | 0.565 | 0.426  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,4,6-Trichlorophenol        | <0.115  | U         | 0.565 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.565 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.565 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.565 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.65  | 1.37   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,4-Dinitrotoluene           | <0.507  | U         | 1.13  | 0.507  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,6-Dinitrotoluene           | <0.270  | U         | 0.565 | 0.270  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.565 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.565 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.565 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Nitroaniline               | <0.156  | U         | 0.565 | 0.156  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.565 | 0.136  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 3 & 4 Methylphenol           | <0.0933 | U         | 0.565 | 0.0933 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 3-Nitroaniline               | <0.220  | U         | 1.13  | 0.220  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.82  | 1.22   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4-Bromophenyl phenyl ether   | <0.104  | U         | 0.565 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.565 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4-Chloroaniline              | <0.0871 | U         | 0.565 | 0.0871 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0943 | U         | 0.565 | 0.0943 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4-Nitroaniline               | <0.268  | U         | 1.13  | 0.268  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Acenaphthene                 | <0.100  | U         | 0.565 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.565 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Aniline                      | <0.445  | U         | 1.13  | 0.445  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Anthracene                   | <0.103  | U         | 0.565 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Benzo[a]anthracene           | <0.125  | U         | 0.282 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Benzo[a]pyrene               | <0.106  | U         | 0.282 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Benzo[b]fluoranthene         | <0.123  | U         | 0.565 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Benzo[g,h,i]perylene         | <0.0893 | U         | 0.565 | 0.0893 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Benzo[k]fluoranthene         | <0.122  | U         | 0.565 | 0.122  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Benzyl alcohol               | <0.222  | U         | 2.82  | 0.222  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Bis(2-chloroethoxy)methane   | <0.106  | U         | 0.565 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Bis(2-chloroethyl)ether      | <0.105  | U         | 0.565 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.565  | U         | 1.13  | 0.565  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Butyl benzyl phthalate       | <0.332  | U         | 1.13  | 0.332  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Chrysene                     | <0.0954 | U         | 0.565 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Dibenz(a,h)anthracene        | <0.0841 | U         | 0.113 | 0.0841 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Dibenzofuran                 | 0.911   |           | 0.565 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Diethyl phthalate            | <0.185  | U         | 1.13  | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Dimethyl phthalate           | <0.132  | U         | 1.13  | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34DR

Lab Sample ID: 860-116038-2

Date Collected: 11/06/25 09:07

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Di-n-butyl phthalate                | <0.653  | U         | 1.13  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Di-n-octyl phthalate                | <0.282  | U         | 1.13  | 0.282  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Fluoranthene                        | <0.119  | U         | 0.565 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Fluorene                            | <0.112  | U         | 0.565 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Hexachlorobenzene                   | <0.131  | U         | 0.565 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Hexachlorobutadiene                 | <0.160  | U         | 0.565 | 0.160  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Hexachlorocyclopentadiene           | <0.177  | U         | 1.13  | 0.177  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Hexachloroethane                    | <0.124  | U         | 0.565 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102  | U         | 0.565 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Isophorone                          | <0.105  | U         | 0.565 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Naphthalene                         | <0.113  | U         | 0.565 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Nitrobenzene                        | <0.151  | U         | 0.565 | 0.151  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosodi-n-propylamine           | <0.146  | U         | 0.565 | 0.146  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosodiphenylamine              | <0.111  | U         | 0.565 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Pentachlorophenol                   | <0.308  | U         | 0.565 | 0.308  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Phenanthrene                        | <0.106  | U         | 0.565 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Phenol                              | 3.58    |           | 1.13  | 0.501  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Pyrene                              | <0.128  | U         | 0.565 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Pyridine                            | <0.827  | U         | 2.82  | 0.827  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitro-o-toluidine                 | <0.644  | U         | 1.13  | 0.644  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.251  | U         | 0.565 | 0.251  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Acetophenone                        | <0.137  | U         | 1.13  | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosopiperidine                 | <0.624  | U         | 1.13  | 0.624  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Pentachlorobenzene                  | <0.124  | U         | 0.565 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4-Aminobiphenyl                     | <0.193  | U         | 0.565 | 0.193  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.114  | U         | 0.565 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,3,5-Trinitrobenzene               | <0.646  | U         | 1.13  | 0.646  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,3-Dinitrobenzene                  | <0.581  | U         | 1.13  | 0.581  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1,4-Naphthoquinone                  | <0.0605 | U         | 0.565 | 0.0605 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 1-Naphthylamine                     | <0.266  | U         | 0.565 | 0.266  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,6-Dichlorophenol                  | <0.0962 | U         | 0.565 | 0.0962 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Acetylaminofluorene               | <1.69   | U         | 2.82  | 1.69   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Chlorophenol                      | <0.101  | U         | 0.565 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Naphthylamine                     | <0.407  | U         | 0.565 | 0.407  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Picoline                          | <1.02   | U         | 1.13  | 1.02   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Toluidine                         | <0.420  | U         | 0.565 | 0.420  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 3,3'-Dichlorobenzidine              | <0.642  | U         | 1.13  | 0.642  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 3,3'-Dimethylbenzidine              | <0.292  | U         | 0.565 | 0.292  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 3-Methylcholanthrene                | <0.0871 | U         | 0.565 | 0.0871 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.629  | U         | 1.13  | 0.629  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.126  | U         | 0.565 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.43   | U         | 5.65  | 1.43   | ug/L |   | 11/13/25 11:44 | 11/19/25 02:34 | 1       |
| Aramite Peak 1                      | <0.182  | U         | 0.565 | 0.182  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Aramite Peak 2                      | <0.201  | U         | 0.565 | 0.201  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Aramite, Total                      | <0.182  | U *       | 0.565 | 0.182  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Diallate                            | <0.0296 | U *       | 0.565 | 0.0296 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Diallate Peak 1                     | <0.0739 | U         | 0.565 | 0.0739 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Diallate Peak 2                     | <0.0296 | U         | 0.565 | 0.0296 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Dimethoate                          | <0.493  | U **      | 2.82  | 0.493  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-34DR

Lab Sample ID: 860-116038-2

Date Collected: 11/06/25 09:07

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Dinoseb                           | <0.669  | U **      | 2.82  | 0.669  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Disulfoton                        | <2.13   | U **      | 2.82  | 2.13   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Ethyl methanesulfonate            | <0.183  | U         | 0.565 | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Ethyl Parathion                   | <0.618  | U **      | 1.13  | 0.618  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Famphur                           | <0.256  | U         | 1.13  | 0.256  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Hexachloropropene                 | <0.565  | U         | 0.565 | 0.565  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Isosafrole                        | <0.0228 | U         | 0.565 | 0.0228 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Isosafrole Peak 1                 | <0.0228 | U         | 0.565 | 0.0228 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Isosafrole Peak 2                 | <0.0974 | U         | 0.565 | 0.0974 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Methapyriline                     | <1.50   | U **      | 2.26  | 1.50   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Methyl methanesulfonate           | <0.184  | U         | 0.565 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Methyl parathion                  | <2.73   | U **      | 2.82  | 2.73   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosodiethylamine             | <0.665  | U         | 1.13  | 0.665  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosodimethylamine            | <0.157  | U         | 0.565 | 0.157  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosodi-n-butylamine          | <0.715  | U         | 1.13  | 0.715  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosomethylethylamine         | <0.693  | U         | 1.13  | 0.693  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosomorpholine               | <0.705  | U         | 1.13  | 0.705  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| N-Nitrosopyrrolidine              | <0.107  | U         | 0.565 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.131  | U         | 0.565 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| p-Dimethylamino azobenzene        | <0.152  | U         | 0.565 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Pentachloronitrobenzene           | <0.250  | U         | 0.565 | 0.250  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Phenacetin                        | <0.249  | U         | 0.565 | 0.249  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Phorate                           | <2.58   | U **      | 5.65  | 2.58   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| p-Phenylene diamine               | <5.65   | U         | 5.65  | 5.65   | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Pronamide                         | <0.133  | U         | 0.565 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Safrole, Total                    | <0.0910 | U *       | 0.565 | 0.0910 | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Sulfotepp                         | <0.466  | U **      | 1.13  | 0.466  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Thionazin                         | <0.336  | U         | 1.13  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/15/25 15:36 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 63        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2,4,6-Tribromophenol (Surr) | 74        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 02:34 | 1       |
| 2-Fluorobiphenyl            | 75        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Fluorobiphenyl            | 68        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 02:34 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| 2-Fluorophenol (Surr)       | 38        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 02:34 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 02:34 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 02:34 | 1       |
| p-Terphenyl-d14             | 75        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 15:36 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 02:34 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 1420   |           | 226  | 40.0 | ug/L |   | 11/13/25 11:44 | 11/19/25 20:02 | 400     |
| 1,1'-Biphenyl  | 333    |           | 11.3 | 2.24 | ug/L |   | 11/13/25 11:44 | 11/18/25 04:44 | 20      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90        |           | 26 - 136 | 11/13/25 11:44 | 11/18/25 04:44 | 20      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Client Sample ID: MW-34DR**

**Lab Sample ID: 860-116038-2**

Date Collected: 11/06/25 09:07

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 11:44 | 11/19/25 20:02 | 400     |
| 2-Fluorobiphenyl            | 103       |           | 39 - 130 | 11/13/25 11:44 | 11/18/25 04:44 | 20      |
| 2-Fluorobiphenyl            | 122       |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 20:02 | 400     |
| 2-Fluorophenol (Surr)       | 54        |           | 19 - 120 | 11/13/25 11:44 | 11/18/25 04:44 | 20      |
| 2-Fluorophenol (Surr)       | 62        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 20:02 | 400     |
| Nitrobenzene-d5 (Surr)      | 83        |           | 32 - 133 | 11/13/25 11:44 | 11/18/25 04:44 | 20      |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 20:02 | 400     |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/13/25 11:44 | 11/18/25 04:44 | 20      |
| Phenol-d5 (Surr)            | 55        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 20:02 | 400     |
| p-Terphenyl-d14             | 87        |           | 28 - 130 | 11/13/25 11:44 | 11/18/25 04:44 | 20      |
| p-Terphenyl-d14             | 0         | S1-       | 28 - 130 | 11/13/25 11:44 | 11/19/25 20:02 | 400     |

**Client Sample ID: MW-32S**

**Lab Sample ID: 860-116038-3**

Date Collected: 11/06/25 09:54

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 09:34 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 09:34 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 09:34 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 09:34 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 09:34 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 09:34 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 09:34 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 09:34 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 09:34 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 09:34 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 09:34 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 09:34 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 09:34 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 09:34 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 09:34 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32S

Lab Sample ID: 860-116038-3

Date Collected: 11/06/25 09:54

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 09:34 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 09:34 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 09:34 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 09:34 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 09:34 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 09:34 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 09:34 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 09:34 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 09:34 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 09:34 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 63 - 144 |          | 11/13/25 09:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 74 - 124 |          | 11/13/25 09:34 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/13/25 09:34 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/13/25 09:34 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | <0.120 | U         | 0.569 | 0.120 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,2-Dichlorobenzene    | <0.101 | U         | 0.569 | 0.101 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,3-Dichlorobenzene    | <0.107 | U         | 0.569 | 0.107 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32S

Lab Sample ID: 860-116038-3

Date Collected: 11/06/25 09:54

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.569 | 0.429  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.569 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.569 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.569 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.69  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,4-Dinitrotoluene           | <0.511  | U         | 1.14  | 0.511  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,6-Dinitrotoluene           | <0.272  | U         | 0.569 | 0.272  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.569 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.569 | 0.157  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.569 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 3 & 4 Methylphenol           | <0.0940 | U         | 0.569 | 0.0940 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4-Chloroaniline              | <0.0877 | U         | 0.569 | 0.0877 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0950 | U         | 0.569 | 0.0950 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Aniline                      | <0.448  | U         | 1.14  | 0.448  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Anthracene                   | <0.104  | U         | 0.569 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.284 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Benzo[g,h,i]perylene         | <0.0899 | U         | 0.569 | 0.0899 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.569 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Benzyl alcohol               | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Butyl benzyl phthalate       | <0.335  | U         | 1.14  | 0.335  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Chrysene                     | <0.0961 | U         | 0.569 | 0.0961 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Dibenz(a,h)anthracene        | <0.0847 | U         | 0.114 | 0.0847 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Dibenzofuran                 | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Diethyl phthalate            | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Dimethyl phthalate           | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Di-n-butyl phthalate         | <0.657  | U         | 1.14  | 0.657  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Di-n-octyl phthalate         | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Fluoranthene                 | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Fluorene                     | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Hexachlorobenzene            | <0.131  | U         | 0.569 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Hexachlorobutadiene          | <0.161  | U         | 0.569 | 0.161  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Hexachlorocyclopentadiene    | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32S

Lab Sample ID: 860-116038-3

Date Collected: 11/06/25 09:54

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachloroethane                    | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Isophorone                          | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Naphthalene                         | <0.114  | U         | 0.569 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Nitrobenzene                        | <0.152  | U         | 0.569 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147  | U         | 0.569 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosodiphenylamine              | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Pentachlorophenol                   | <0.311  | U         | 0.569 | 0.311  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Phenanthrene                        | <0.106  | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Phenol                              | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Pyrene                              | <0.128  | U         | 0.569 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Pyridine                            | <0.833  | U         | 2.84  | 0.833  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitro-o-toluidine                 | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.253  | U         | 0.569 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Acetophenone                        | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosopiperidine                 | <0.628  | U         | 1.14  | 0.628  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Diphenyl ether                      | <0.101  | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U         | 0.569 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4-Aminobiphenyl                     | <0.194  | U         | 0.569 | 0.194  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.569 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,3,5-Trinitrobenzene               | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,3-Dinitrobenzene                  | <0.585  | U         | 1.14  | 0.585  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U         | 0.569 | 0.0609 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 1-Naphthylamine                     | <0.268  | U         | 0.569 | 0.268  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,6-Dichlorophenol                  | <0.0969 | U         | 0.569 | 0.0969 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Naphthylamine                     | <0.410  | U         | 0.569 | 0.410  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.569 | 0.422  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 3,3'-Dichlorobenzidine              | <0.647  | U         | 1.14  | 0.647  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294  | U         | 0.569 | 0.294  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 3-Methylcholanthrene                | <0.0878 | U         | 0.569 | 0.0878 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.634  | U         | 1.14  | 0.634  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.569 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U         | 5.69  | 1.44   | ug/L |   | 11/13/25 11:44 | 11/19/25 03:02 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.569 | 0.202  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Aramite, Total                      | <0.183  | U *-      | 0.569 | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Diallate                            | <0.0298 | U *-      | 0.569 | 0.0298 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Diallate Peak 1                     | <0.0744 | U         | 0.569 | 0.0744 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Diallate Peak 2                     | <0.0298 | U         | 0.569 | 0.0298 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Dimethoate                          | <0.497  | U **      | 2.84  | 0.497  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Dinoseb                             | <0.673  | U **      | 2.84  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.569 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Ethyl Parathion                     | <0.623  | U **      | 1.14  | 0.623  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32S

Lab Sample ID: 860-116038-3

Date Collected: 11/06/25 09:54

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachloropropene                | <0.569  | U         | 0.569 | 0.569  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Isosafrole                       | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Isosafrole Peak 1                | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Isosafrole Peak 2                | <0.0981 | U         | 0.569 | 0.0981 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Methapyrilene                    | <1.51   | U **      | 2.28  | 1.51   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Methyl methanesulfonate          | <0.185  | U         | 0.569 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Methyl parathion                 | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosodiethylamine            | <0.670  | U         | 1.14  | 0.670  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.569 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosodi-n-butylamine         | <0.720  | U         | 1.14  | 0.720  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosomethylethylamine        | <0.698  | U         | 1.14  | 0.698  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosomorpholine              | <0.710  | U         | 1.14  | 0.710  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.569 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.569 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.569 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.569 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Phenacetin                       | <0.251  | U         | 0.569 | 0.251  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Phorate                          | <2.60   | U **      | 5.69  | 2.60   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| p-Phenylene diamine              | <5.69   | U         | 5.69  | 5.69   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Pronamide                        | <0.134  | U         | 0.569 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Safrole, Total                   | <0.0916 | U *       | 0.569 | 0.0916 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Sulfotepp                        | <0.469  | U **      | 1.14  | 0.469  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Thionazin                        | <0.338  | U         | 1.14  | 0.338  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:05 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 60        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 03:02 | 1       |
| 2-Fluorobiphenyl            | 75        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Fluorobiphenyl            | 67        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 03:02 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 03:02 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 03:02 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 03:02 | 1       |
| p-Terphenyl-d14             | 64        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 16:05 | 1       |
| p-Terphenyl-d14             | 63        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 03:02 | 1       |

Client Sample ID: MW-32D

Lab Sample ID: 860-116038-4

Date Collected: 11/06/25 10:29

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 09:55 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32D

Lab Sample ID: 860-116038-4

Date Collected: 11/06/25 10:29

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethene               | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,2,3-Trichloropropane           | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,2,4-Trimethylbenzene           | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 09:55 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 09:55 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 09:55 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 09:55 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 09:55 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 09:55 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 09:55 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 09:55 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/13/25 09:55 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/13/25 09:55 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32D

Lab Sample ID: 860-116038-4

Date Collected: 11/06/25 10:29

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 09:55 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 09:55 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 09:55 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 09:55 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 09:55 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 09:55 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 09:55 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 09:55 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 09:55 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 09:55 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 09:55 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 09:55 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 09:55 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 09:55 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114       |           | 63 - 144 |          | 11/13/25 09:55 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 74 - 124 |          | 11/13/25 09:55 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/13/25 09:55 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/13/25 09:55 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.125  | U         | 0.593 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,2-Dichlorobenzene          | <0.105  | U         | 0.593 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,3-Dichlorobenzene          | <0.112  | U         | 0.593 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,4-Dichlorobenzene          | <0.114  | U         | 0.593 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.92   | U         | 2.96  | 1.92   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,4,5-Trichlorophenol        | <0.447  | U         | 0.593 | 0.447  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,4,6-Trichlorophenol        | <0.121  | U         | 0.593 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,4-Dichlorophenol           | <0.131  | U         | 0.593 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,4-Dimethylphenol           | <0.116  | U         | 0.593 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,4-Dioxane                  | <0.109  | U         | 0.593 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,4-Dinitrophenol            | <1.43   | U         | 5.93  | 1.43   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,4-Dinitrotoluene           | <0.532  | U         | 1.19  | 0.532  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,6-Dinitrotoluene           | <0.283  | U         | 0.593 | 0.283  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Chloronaphthalene          | <0.123  | U         | 0.593 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Methylnaphthalene          | <0.113  | U         | 0.593 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Methylphenol               | <0.113  | U         | 0.593 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Nitroaniline               | <0.164  | U         | 0.593 | 0.164  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Nitrophenol                | <0.142  | U         | 0.593 | 0.142  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 3 & 4 Methylphenol           | <0.0979 | U         | 0.593 | 0.0979 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 3-Nitroaniline               | <0.231  | U         | 1.19  | 0.231  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.28   | U         | 2.96  | 1.28   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4-Bromophenyl phenyl ether   | <0.109  | U         | 0.593 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4-Chloro-3-methylphenol      | <0.124  | U         | 0.593 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4-Chloroaniline              | <0.0914 | U         | 0.593 | 0.0914 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0989 | U         | 0.593 | 0.0989 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4-Nitroaniline               | <0.281  | U         | 1.19  | 0.281  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Acenaphthene                 | <0.105  | U         | 0.593 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32D

Lab Sample ID: 860-116038-4

Date Collected: 11/06/25 10:29

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acenaphthylene              | <0.130  | U         | 0.593 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Aniline                     | <0.467  | U         | 1.19  | 0.467  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Anthracene                  | <0.108  | U         | 0.593 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Benzo[a]anthracene          | <0.131  | U         | 0.296 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Benzo[a]pyrene              | <0.111  | U         | 0.296 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Benzo[b]fluoranthene        | <0.129  | U         | 0.593 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Benzo[g,h,i]perylene        | <0.0937 | U         | 0.593 | 0.0937 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Benzo[k]fluoranthene        | <0.128  | U         | 0.593 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Benzyl alcohol              | <0.233  | U         | 2.96  | 0.233  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Bis(2-chloroethoxy)methane  | <0.111  | U         | 0.593 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Bis(2-chloroethyl)ether     | <0.110  | U         | 0.593 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.592  | U         | 1.19  | 0.592  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Butyl benzyl phthalate      | <0.349  | U         | 1.19  | 0.349  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Chrysene                    | <0.100  | U         | 0.593 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Dibenz(a,h)anthracene       | <0.0882 | U         | 0.119 | 0.0882 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Dibenzofuran                | <0.116  | U         | 0.593 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Diethyl phthalate           | <0.194  | U         | 1.19  | 0.194  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Dimethyl phthalate          | <0.138  | U         | 1.19  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Di-n-butyl phthalate        | <0.685  | U         | 1.19  | 0.685  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Di-n-octyl phthalate        | <0.296  | U         | 1.19  | 0.296  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Fluoranthene                | <0.124  | U         | 0.593 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Fluorene                    | <0.117  | U         | 0.593 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Hexachlorobenzene           | <0.137  | U         | 0.593 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Hexachlorobutadiene         | <0.168  | U         | 0.593 | 0.168  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Hexachlorocyclopentadiene   | <0.186  | U         | 1.19  | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Hexachloroethane            | <0.130  | U         | 0.593 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.107  | U         | 0.593 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Isophorone                  | <0.110  | U         | 0.593 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Naphthalene                 | <0.119  | U         | 0.593 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Nitrobenzene                | <0.158  | U         | 0.593 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosodi-n-propylamine   | <0.153  | U         | 0.593 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosodiphenylamine      | <0.117  | U         | 0.593 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Pentachlorophenol           | <0.324  | U         | 0.593 | 0.324  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Phenanthrene                | <0.111  | U         | 0.593 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Phenol                      | <0.525  | U         | 1.19  | 0.525  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Pyrene                      | <0.134  | U         | 0.593 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Pyridine                    | <0.868  | U         | 2.96  | 0.868  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitro-o-toluidine         | <0.675  | U         | 1.19  | 0.675  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.263  | U         | 0.593 | 0.263  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Acetophenone                | <0.144  | U         | 1.19  | 0.144  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosopiperidine         | <0.654  | U         | 1.19  | 0.654  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Pentachlorobenzene          | <0.130  | U         | 0.593 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Diphenyl ether              | <0.105  | U         | 0.593 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,1'-Biphenyl               | <0.117  | U         | 0.593 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4-Aminobiphenyl             | <0.202  | U         | 0.593 | 0.202  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.119  | U         | 0.593 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,3,5-Trinitrobenzene       | <0.677  | U         | 1.19  | 0.677  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,3-Dinitrobenzene          | <0.609  | U         | 1.19  | 0.609  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 1,4-Naphthoquinone          | <0.0635 | U         | 0.593 | 0.0635 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-32D

Lab Sample ID: 860-116038-4

Date Collected: 11/06/25 10:29

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1-Naphthylamine                     | <0.279  | U         | 0.593 | 0.279  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,6-Dichlorophenol                  | <0.101  | U         | 0.593 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Acetylaminofluorene               | <1.77   | U         | 2.96  | 1.77   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Chlorophenol                      | <0.106  | U         | 0.593 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Naphthylamine                     | <0.427  | U         | 0.593 | 0.427  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Picoline                          | <1.07   | U         | 1.19  | 1.07   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Toluidine                         | <0.440  | U         | 0.593 | 0.440  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 3,3'-Dichlorobenzidine              | <0.674  | U         | 1.19  | 0.674  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 3,3'-Dimethylbenzidine              | <0.306  | U         | 0.593 | 0.306  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 3-Methylcholanthrene                | <0.0914 | U         | 0.593 | 0.0914 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.660  | U         | 1.19  | 0.660  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.133  | U         | 0.593 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.50   | U         | 5.93  | 1.50   | ug/L |   | 11/13/25 11:44 | 11/19/25 03:30 | 1       |
| Aramite Peak 1                      | <0.191  | U         | 0.593 | 0.191  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Aramite Peak 2                      | <0.210  | U         | 0.593 | 0.210  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Aramite, Total                      | <0.191  | U *-      | 0.593 | 0.191  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Diallate                            | <0.0310 | U *-      | 0.593 | 0.0310 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Diallate Peak 1                     | <0.0775 | U         | 0.593 | 0.0775 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Diallate Peak 2                     | <0.0310 | U         | 0.593 | 0.0310 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Dimethoate                          | <0.517  | U **      | 2.96  | 0.517  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Dinoseb                             | <0.701  | U **      | 2.96  | 0.701  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Disulfoton                          | <2.23   | U **      | 2.96  | 2.23   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Ethyl methanesulfonate              | <0.192  | U         | 0.593 | 0.192  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Ethyl Parathion                     | <0.649  | U **      | 1.19  | 0.649  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Famphur                             | <0.268  | U         | 1.19  | 0.268  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Hexachloropropene                   | <0.593  | U         | 0.593 | 0.593  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Isosafrole                          | <0.0239 | U         | 0.593 | 0.0239 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Isosafrole Peak 1                   | <0.0239 | U         | 0.593 | 0.0239 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Isosafrole Peak 2                   | <0.102  | U         | 0.593 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Methapyrilene                       | <1.58   | U **      | 2.37  | 1.58   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Methyl methanesulfonate             | <0.193  | U         | 0.593 | 0.193  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Methyl parathion                    | <2.87   | U **      | 2.96  | 2.87   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosodiethylamine               | <0.698  | U         | 1.19  | 0.698  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosodimethylamine              | <0.165  | U         | 0.593 | 0.165  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosodi-n-butylamine            | <0.750  | U         | 1.19  | 0.750  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosomethylethylamine           | <0.727  | U         | 1.19  | 0.727  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosomorpholine                 | <0.739  | U         | 1.19  | 0.739  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| N-Nitrosopyrrolidine                | <0.113  | U         | 0.593 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.137  | U         | 0.593 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| p-Dimethylamino azobenzene          | <0.160  | U         | 0.593 | 0.160  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Pentachloronitrobenzene             | <0.262  | U         | 0.593 | 0.262  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Phenacetin                          | <0.262  | U         | 0.593 | 0.262  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Phorate                             | <2.71   | U **      | 5.93  | 2.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| p-Phenylene diamine                 | <5.93   | U         | 5.93  | 5.93   | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Pronamide                           | <0.139  | U         | 0.593 | 0.139  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Safrole, Total                      | <0.0954 | U *-      | 0.593 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Sulfotepp                           | <0.488  | U **      | 1.19  | 0.488  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Thionazin                           | <0.352  | U         | 1.19  | 0.352  | ug/L |   | 11/13/25 11:44 | 11/15/25 16:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Client Sample ID: MW-32D**

**Lab Sample ID: 860-116038-4**

**Date Collected: 11/06/25 10:29**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 61        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 03:30 | 1       |
| 2-Fluorobiphenyl            | 77        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Fluorobiphenyl            | 70        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 03:30 | 1       |
| 2-Fluorophenol (Surr)       | 37        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| 2-Fluorophenol (Surr)       | 34        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 03:30 | 1       |
| Nitrobenzene-d5 (Surr)      | 71        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Nitrobenzene-d5 (Surr)      | 76        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 03:30 | 1       |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| Phenol-d5 (Surr)            | 16        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 03:30 | 1       |
| p-Terphenyl-d14             | 68        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 16:34 | 1       |
| p-Terphenyl-d14             | 65        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 03:30 | 1       |

**Client Sample ID: MW-30S**

**Lab Sample ID: 860-116038-5**

**Date Collected: 11/06/25 11:28**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 10:15 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 10:15 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 10:15 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 10:15 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 10:15 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 10:15 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 10:15 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 10:15 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 10:15 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 10:15 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 10:15 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 10:15 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 10:15 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 10:15 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 10:15 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30S

Lab Sample ID: 860-116038-5

Date Collected: 11/06/25 11:28

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride        | 31.2      |           | 2.00    | 0.896    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 10:15 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 10:15 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 10:15 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 10:15 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 10:15 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 10:15 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 10:15 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 10:15 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 10:15 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 10:15 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/13/25 10:15 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 74 - 124 |          | 11/13/25 10:15 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 75 - 131 |          | 11/13/25 10:15 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/13/25 10:15 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | <0.123 | U         | 0.582 | 0.123 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,2-Dichlorobenzene    | <0.103 | U         | 0.582 | 0.103 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,3-Dichlorobenzene    | <0.110 | U         | 0.582 | 0.110 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30S

Lab Sample ID: 860-116038-5

Date Collected: 11/06/25 11:28

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Dichlorobenzene          | <0.112  | U         | 0.582 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.88   | U         | 2.91  | 1.88   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.439  | U         | 0.582 | 0.439  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.119  | U         | 0.582 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,4-Dichlorophenol           | <0.128  | U         | 0.582 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,4-Dimethylphenol           | <0.114  | U         | 0.582 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,4-Dioxane                  | <0.107  | U         | 0.582 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,4-Dinitrophenol            | <1.41   | U         | 5.82  | 1.41   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,4-Dinitrotoluene           | <0.523  | U         | 1.16  | 0.523  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,6-Dinitrotoluene           | <0.278  | U         | 0.582 | 0.278  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Chloronaphthalene          | <0.120  | U         | 0.582 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Methylnaphthalene          | <0.111  | U         | 0.582 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Methylphenol               | <0.111  | U         | 0.582 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Nitroaniline               | <0.161  | U         | 0.582 | 0.161  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Nitrophenol                | <0.140  | U         | 0.582 | 0.140  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 3 & 4 Methylphenol           | <0.0962 | U         | 0.582 | 0.0962 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 3-Nitroaniline               | <0.227  | U         | 1.16  | 0.227  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.25   | U         | 2.91  | 1.25   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4-Bromophenyl phenyl ether   | <0.107  | U         | 0.582 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4-Chloro-3-methylphenol      | <0.121  | U         | 0.582 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4-Chloroaniline              | <0.0898 | U         | 0.582 | 0.0898 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0972 | U         | 0.582 | 0.0972 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4-Nitroaniline               | <0.276  | U         | 1.16  | 0.276  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Acenaphthene                 | <0.103  | U         | 0.582 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Acenaphthylene               | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Aniline                      | <0.459  | U         | 1.16  | 0.459  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Anthracene                   | <0.106  | U         | 0.582 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Benzo[a]anthracene           | <0.129  | U         | 0.291 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Benzo[a]pyrene               | <0.109  | U         | 0.291 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Benzo[b]fluoranthene         | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Benzo[g,h,i]perylene         | <0.0920 | U         | 0.582 | 0.0920 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Benzo[k]fluoranthene         | <0.126  | U         | 0.582 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Benzyl alcohol               | <0.228  | U         | 2.91  | 0.228  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Bis(2-chloroethoxy)methane   | <0.109  | U         | 0.582 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Bis(2-chloroethyl)ether      | <0.109  | U         | 0.582 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.582  | U         | 1.16  | 0.582  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Butyl benzyl phthalate       | <0.342  | U         | 1.16  | 0.342  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Chrysene                     | <0.0984 | U         | 0.582 | 0.0984 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Dibenz(a,h)anthracene        | <0.0867 | U         | 0.116 | 0.0867 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Dibenzofuran                 | <0.114  | U         | 0.582 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Diethyl phthalate            | <0.190  | U         | 1.16  | 0.190  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Dimethyl phthalate           | <0.136  | U         | 1.16  | 0.136  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Di-n-butyl phthalate         | <0.673  | U         | 1.16  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Di-n-octyl phthalate         | <0.291  | U         | 1.16  | 0.291  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Fluoranthene                 | <0.122  | U         | 0.582 | 0.122  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Fluorene                     | <0.115  | U         | 0.582 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Hexachlorobenzene            | <0.135  | U         | 0.582 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Hexachlorobutadiene          | <0.165  | U         | 0.582 | 0.165  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Hexachlorocyclopentadiene    | <0.183  | U         | 1.16  | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30S

Lab Sample ID: 860-116038-5

Date Collected: 11/06/25 11:28

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachloroethane                    | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.105  | U         | 0.582 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Isophorone                          | <0.108  | U         | 0.582 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Naphthalene                         | <0.116  | U         | 0.582 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Nitrobenzene                        | <0.155  | U         | 0.582 | 0.155  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosodi-n-propylamine           | <0.150  | U         | 0.582 | 0.150  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosodiphenylamine              | <0.114  | U         | 0.582 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Pentachlorophenol                   | <0.318  | U         | 0.582 | 0.318  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Phenanthrene                        | <0.109  | U         | 0.582 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Phenol                              | <0.516  | U         | 1.16  | 0.516  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Pyrene                              | <0.131  | U         | 0.582 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Pyridine                            | <0.852  | U         | 2.91  | 0.852  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitro-o-toluidine                 | <0.664  | U         | 1.16  | 0.664  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.259  | U         | 0.582 | 0.259  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Acetophenone                        | <0.141  | U         | 1.16  | 0.141  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosopiperidine                 | <0.643  | U         | 1.16  | 0.643  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Pentachlorobenzene                  | <0.127  | U         | 0.582 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Diphenyl ether                      | <0.103  | U         | 0.582 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,1'-Biphenyl                       | <0.115  | U         | 0.582 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4-Aminobiphenyl                     | <0.199  | U         | 0.582 | 0.199  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.117  | U         | 0.582 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,3,5-Trinitrobenzene               | <0.665  | U         | 1.16  | 0.665  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,3-Dinitrobenzene                  | <0.598  | U         | 1.16  | 0.598  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1,4-Naphthoquinone                  | <0.0624 | U         | 0.582 | 0.0624 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 1-Naphthylamine                     | <0.274  | U         | 0.582 | 0.274  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,6-Dichlorophenol                  | <0.0991 | U         | 0.582 | 0.0991 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Acetylaminofluorene               | <1.74   | U         | 2.91  | 1.74   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Chlorophenol                      | <0.104  | U         | 0.582 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Naphthylamine                     | <0.420  | U         | 0.582 | 0.420  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Picoline                          | <1.05   | U         | 1.16  | 1.05   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Toluidine                         | <0.432  | U         | 0.582 | 0.432  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 3,3'-Dichlorobenzidine              | <0.662  | U         | 1.16  | 0.662  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 3,3'-Dimethylbenzidine              | <0.301  | U         | 0.582 | 0.301  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 3-Methylcholanthrene                | <0.0898 | U         | 0.582 | 0.0898 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.648  | U         | 1.16  | 0.648  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.130  | U         | 0.582 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.48   | U         | 5.82  | 1.48   | ug/L |   | 11/13/25 11:44 | 11/19/25 03:58 | 1       |
| Aramite Peak 1                      | <0.187  | U         | 0.582 | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Aramite Peak 2                      | <0.207  | U         | 0.582 | 0.207  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Aramite, Total                      | <0.187  | U *-      | 0.582 | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Diallate                            | <0.0305 | U *-      | 0.582 | 0.0305 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Diallate Peak 1                     | <0.0762 | U         | 0.582 | 0.0762 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Diallate Peak 2                     | <0.0305 | U         | 0.582 | 0.0305 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Dimethoate                          | <0.508  | U **      | 2.91  | 0.508  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Dinoseb                             | <0.689  | U **      | 2.91  | 0.689  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Disulfoton                          | <2.19   | U **      | 2.91  | 2.19   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Ethyl methanesulfonate              | <0.189  | U         | 0.582 | 0.189  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Ethyl Parathion                     | <0.637  | U **      | 1.16  | 0.637  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Famphur                             | <0.264  | U         | 1.16  | 0.264  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30S

Lab Sample ID: 860-116038-5

Date Collected: 11/06/25 11:28

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachloropropene                | <0.582  | U         | 0.582 | 0.582  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Isosafrole                       | <0.0235 | U         | 0.582 | 0.0235 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Isosafrole Peak 1                | <0.0235 | U         | 0.582 | 0.0235 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Isosafrole Peak 2                | <0.100  | U         | 0.582 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Methapyrilene                    | <1.55   | U **      | 2.33  | 1.55   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Methyl methanesulfonate          | <0.189  | U         | 0.582 | 0.189  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Methyl parathion                 | <2.82   | U **      | 2.91  | 2.82   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosodiethylamine            | <0.686  | U         | 1.16  | 0.686  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosodimethylamine           | <0.162  | U         | 0.582 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosodi-n-butylamine         | <0.737  | U         | 1.16  | 0.737  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosomethylethylamine        | <0.714  | U         | 1.16  | 0.714  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosomorpholine              | <0.726  | U         | 1.16  | 0.726  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| N-Nitrosopyrrolidine             | <0.111  | U         | 0.582 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.135  | U         | 0.582 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| p-Dimethylamino azobenzene       | <0.157  | U         | 0.582 | 0.157  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Pentachloronitrobenzene          | <0.257  | U         | 0.582 | 0.257  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Phenacetin                       | <0.257  | U         | 0.582 | 0.257  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Phorate                          | <2.66   | U **      | 5.82  | 2.66   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| p-Phenylene diamine              | <5.82   | U         | 5.82  | 5.82   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Pronamide                        | <0.137  | U         | 0.582 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Safrole, Total                   | <0.0938 | U *       | 0.582 | 0.0938 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Sulfotepp                        | <0.480  | U **      | 1.16  | 0.480  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Thionazin                        | <0.346  | U         | 1.16  | 0.346  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 56        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2,4,6-Tribromophenol (Surr) | 65        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 03:58 | 1       |
| 2-Fluorobiphenyl            | 66        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Fluorobiphenyl            | 60        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 03:58 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| 2-Fluorophenol (Surr)       | 41        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 03:58 | 1       |
| Nitrobenzene-d5 (Surr)      | 61        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 03:58 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 03:58 | 1       |
| p-Terphenyl-d14             | 62        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 17:04 | 1       |
| p-Terphenyl-d14             | 61        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 03:58 | 1       |

Client Sample ID: MW-30D

Lab Sample ID: 860-116038-6

Date Collected: 11/06/25 13:20

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <32.2  | U         | 50.0 | 32.2 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,1,1-Trichloroethane                 | <29.3  | U         | 250  | 29.3 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,1,2,2-Tetrachloroethane             | <23.5  | U         | 50.0 | 23.5 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <55.5  | U         | 500  | 55.5 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,1,2-Trichloroethane                 | <20.6  | U         | 50.0 | 20.6 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,1-Dichloroethane                    | <31.8  | U         | 50.0 | 31.8 | ug/L |   |          | 11/13/25 12:19 | 50      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30D

Lab Sample ID: 860-116038-6

Date Collected: 11/06/25 13:20

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1-Dichloroethene               | <36.9  | U         | 50.0 | 36.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,2,3-Trichloropropane           | <23.5  | U         | 50.0 | 23.5 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,2,4-Trimethylbenzene           | <20.9  | U         | 50.0 | 20.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,2-Dibromo-3-Chloropropane      | <33.6  | U         | 250  | 33.6 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,2-Dibromoethane                | <50.0  | U         | 250  | 50.0 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,2-Dichloroethane               | <18.6  | U         | 50.0 | 18.6 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,2-Dichloropropane              | <27.8  | U         | 250  | 27.8 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,3,5-Trimethylbenzene           | <20.6  | U         | 50.0 | 20.6 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 1,3-Butadiene                    | <28.4  | U         | 50.0 | 28.4 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 2,2,4-Trimethylpentane           | <25.0  | U         | 250  | 25.0 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 2-Butanone (MEK)                 | <414   | U         | 2500 | 414  | ug/L |   |          | 11/13/25 12:19 | 50      |
| 2-Hexanone (MBK)                 | <250   | U         | 2500 | 250  | ug/L |   |          | 11/13/25 12:19 | 50      |
| 2-Propanol                       | <261   | U         | 500  | 261  | ug/L |   |          | 11/13/25 12:19 | 50      |
| 3-Chloropropene (Allyl Chloride) | <29.9  | U         | 250  | 29.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| 4-Methyl-2-pentanone             | <250   | U         | 2500 | 250  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Acetone                          | <153   | U         | 5000 | 153  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Acetonitrile                     | <730   | U         | 5000 | 730  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Acrolein                         | <556   | U         | 2500 | 556  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Acrylonitrile                    | <716   | U         | 2500 | 716  | ug/L |   |          | 11/13/25 12:19 | 50      |
| alpha-Chlorotoluene              | <113   | U         | 250  | 113  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Benzene                          | <23.0  | U         | 50.0 | 23.0 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Bromodichloromethane             | <27.6  | U         | 50.0 | 27.6 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Bromoform                        | <31.7  | U         | 250  | 31.7 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Bromomethane                     | <71.0  | U         | 250  | 71.0 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Carbon disulfide                 | <82.5  | U         | 250  | 82.5 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Carbon tetrachloride             | 3580   |           | 100  | 44.8 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Chlorobenzene                    | <22.8  | U         | 50.0 | 22.8 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Chlorodibromomethane             | <27.4  | U         | 250  | 27.4 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Chloroethane                     | <99.2  | U         | 500  | 99.2 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Chloroform                       | 24.0   | J         | 50.0 | 23.2 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Chloromethane                    | <102   | U         | 500  | 102  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Chloroprene                      | <29.9  | U         | 250  | 29.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| cis-1,2-Dichloroethene           | <22.9  | U         | 50.0 | 22.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| cis-1,3-Dichloropropene          | <53.4  | U         | 250  | 53.4 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Cumene (isopropylbenzene)        | <29.6  | U         | 50.0 | 29.6 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Cyclohexane                      | <64.3  | U         | 250  | 64.3 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Dibromomethane                   | <17.9  | U         | 50.0 | 17.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Dichlorodifluoromethane          | <39.3  | U         | 50.0 | 39.3 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Ethyl methacrylate               | <55.9  | U         | 250  | 55.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Ethylbenzene                     | <19.3  | U         | 50.0 | 19.3 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Hexane                           | <25.9  | U         | 250  | 25.9 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Iodomethane                      | <250   | U         | 1000 | 250  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Isobutanol                       | <855   | U         | 2500 | 855  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Methacrylonitrile                | <136   | U         | 500  | 136  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Methyl methacrylate              | <113   | U         | 500  | 113  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Methyl tert-butyl ether          | <69.6  | U         | 250  | 69.6 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Methylene Chloride               | <86.3  | U         | 250  | 86.3 | ug/L |   |          | 11/13/25 12:19 | 50      |
| Propionitrile                    | <167   | U         | 500  | 167  | ug/L |   |          | 11/13/25 12:19 | 50      |
| Propylbenzene                    | <21.5  | U         | 50.0 | 21.5 | ug/L |   |          | 11/13/25 12:19 | 50      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30D

Lab Sample ID: 860-116038-6

Date Collected: 11/06/25 13:20

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result  | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|--------|--------|------|---|----------|----------------|---------|
| Styrene                     | <31.0   | U         | 50.0   | 31.0   | ug/L |   |          | 11/13/25 12:19 | 50      |
| Tetrachloroethene           | <32.8   | U         | 50.0   | 32.8   | ug/L |   |          | 11/13/25 12:19 | 50      |
| Tetrahydrofuran             | <91.7   | U         | 500    | 91.7   | ug/L |   |          | 11/13/25 12:19 | 50      |
| Toluene                     | <23.8   | U         | 50.0   | 23.8   | ug/L |   |          | 11/13/25 12:19 | 50      |
| trans-1,2-Dichloroethene    | <18.4   | U         | 50.0   | 18.4   | ug/L |   |          | 11/13/25 12:19 | 50      |
| trans-1,3-Dichloropropene   | <63.4   | U         | 250    | 63.4   | ug/L |   |          | 11/13/25 12:19 | 50      |
| trans-1,4-Dichloro-2-butene | <67.5   | U         | 500    | 67.5   | ug/L |   |          | 11/13/25 12:19 | 50      |
| Trichloroethene             | <75.0   | U         | 250    | 75.0   | ug/L |   |          | 11/13/25 12:19 | 50      |
| Trichlorofluoromethane      | <28.0   | U         | 50.0   | 28.0   | ug/L |   |          | 11/13/25 12:19 | 50      |
| Vinyl acetate               | <107    | U         | 1000   | 107    | ug/L |   |          | 11/13/25 12:19 | 50      |
| Vinyl chloride              | <21.4   | U         | 100    | 21.4   | ug/L |   |          | 11/13/25 12:19 | 50      |
| Xylenes, Total              | <62.0   | U         | 100    | 62.0   | ug/L |   |          | 11/13/25 12:19 | 50      |
| m,p-Xylenes                 | <0.0620 | U         | 0.100  | 0.0620 | mg/L |   |          | 11/13/25 12:19 | 50      |
| o-Xylene                    | <0.0251 | U         | 0.0500 | 0.0251 | mg/L |   |          | 11/13/25 12:19 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/13/25 12:19 | 50      |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/13/25 12:19 | 50      |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 131 |          | 11/13/25 12:19 | 50      |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/13/25 12:19 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.568 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.568 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.568 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.568 | 0.429  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.568 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.568 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.568 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.568 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.68  | 1.37   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,4-Dinitrotoluene           | <0.510  | U         | 1.14  | 0.510  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.568 | 0.271  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.568 | 0.157  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.568 | 0.136  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 3 & 4 Methylphenol           | <0.0939 | U         | 0.568 | 0.0939 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.14  | 0.221  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4-Chloroaniline              | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0948 | U         | 0.568 | 0.0948 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4-Nitroaniline               | <0.269  | U         | 1.14  | 0.269  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.568 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30D

Lab Sample ID: 860-116038-6

Date Collected: 11/06/25 13:20

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acenaphthylene              | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Aniline                     | <0.447  | U         | 1.14  | 0.447  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Anthracene                  | <0.103  | U         | 0.568 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.284 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Benzo[g,h,i]perylene        | <0.0898 | U         | 0.568 | 0.0898 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.568 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Benzyl alcohol              | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.568  | U         | 1.14  | 0.568  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.14  | 0.334  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Chrysene                    | <0.0960 | U         | 0.568 | 0.0960 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Dibenz(a,h)anthracene       | <0.0846 | U         | 0.114 | 0.0846 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.14  | 0.656  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Fluoranthene                | <0.119  | U         | 0.568 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Fluorene                    | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.568 | 0.161  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Isophorone                  | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Naphthalene                 | 0.132   | J         | 0.568 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.568 | 0.151  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.568 | 0.146  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.568 | 0.310  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Phenanthrene                | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Phenol                      | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Pyrene                      | <0.128  | U         | 0.568 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Pyridine                    | <0.832  | U         | 2.84  | 0.832  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitro-o-toluidine         | <0.648  | U         | 1.14  | 0.648  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.568 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosopiperidine         | <0.627  | U         | 1.14  | 0.627  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,1'-Biphenyl               | 15.4    |           | 0.568 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4-Aminobiphenyl             | <0.194  | U         | 0.568 | 0.194  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.568 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,3,5-Trinitrobenzene       | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,3-Dinitrobenzene          | <0.584  | U         | 1.14  | 0.584  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1,4-Naphthoquinone          | <0.0609 | U         | 0.568 | 0.0609 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 1-Naphthylamine             | <0.268  | U         | 0.568 | 0.268  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30D

Lab Sample ID: 860-116038-6

Date Collected: 11/06/25 13:20

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,6-Dichlorophenol                  | <0.0967 | U         | 0.568 | 0.0967 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Naphthylamine                     | <0.409  | U         | 0.568 | 0.409  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.568 | 0.422  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.646  | U         | 1.14  | 0.646  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.293  | U         | 0.568 | 0.293  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 3-Methylcholanthrene                | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.633  | U         | 1.14  | 0.633  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.568 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U         | 5.68  | 1.44   | ug/L |   | 11/13/25 11:44 | 11/19/25 04:26 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.568 | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.568 | 0.202  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Aramite, Total                      | <0.183  | U *       | 0.568 | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Diallate                            | <0.0297 | U *       | 0.568 | 0.0297 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Diallate Peak 1                     | <0.0743 | U         | 0.568 | 0.0743 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Diallate Peak 2                     | <0.0297 | U         | 0.568 | 0.0297 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Dimethoate                          | <0.496  | U **      | 2.84  | 0.496  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Dinoseb                             | <0.672  | U **      | 2.84  | 0.672  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.568 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Ethyl Parathion                     | <0.622  | U **      | 1.14  | 0.622  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Famphur                             | <0.257  | U         | 1.14  | 0.257  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Hexachloropropene                   | <0.568  | U         | 0.568 | 0.568  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Isosafrole                          | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Isosafrole Peak 1                   | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Isosafrole Peak 2                   | <0.0979 | U         | 0.568 | 0.0979 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Methapyrilene                       | <1.51   | U **      | 2.27  | 1.51   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.568 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Methyl parathion                    | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosodiethylamine               | <0.669  | U         | 1.14  | 0.669  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosodimethylamine              | <0.158  | U         | 0.568 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosodi-n-butylamine            | <0.719  | U         | 1.14  | 0.719  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosomethylethylamine           | <0.697  | U         | 1.14  | 0.697  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosomorpholine                 | <0.709  | U         | 1.14  | 0.709  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| p-Dimethylamino azobenzene          | <0.153  | U         | 0.568 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Pentachloronitrobenzene             | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Phenacetin                          | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Phorate                             | <2.59   | U **      | 5.68  | 2.59   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| p-Phenylene diamine                 | <5.68   | U         | 5.68  | 5.68   | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Pronamide                           | <0.134  | U         | 0.568 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Safrole, Total                      | <0.0915 | U *       | 0.568 | 0.0915 | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Sulfotepp                           | <0.468  | U **      | 1.14  | 0.468  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Thionazin                           | <0.338  | U         | 1.14  | 0.338  | ug/L |   | 11/13/25 11:44 | 11/15/25 17:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 48        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 17:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-30D

Lab Sample ID: 860-116038-6

Date Collected: 11/06/25 13:20

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 55        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 04:26 | 1       |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Fluorobiphenyl            | 52        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 04:26 | 1       |
| 2-Fluorophenol (Surr)       | 31        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| 2-Fluorophenol (Surr)       | 29        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 04:26 | 1       |
| Nitrobenzene-d5 (Surr)      | 53        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 60        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 04:26 | 1       |
| Phenol-d5 (Surr)            | 19        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| Phenol-d5 (Surr)            | 15        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 04:26 | 1       |
| p-Terphenyl-d14             | 55        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 17:33 | 1       |
| p-Terphenyl-d14             | 54        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 04:26 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 66.4   |           | 5.68 | 1.00 | ug/L |   | 11/13/25 11:44 | 11/18/25 04:15 | 10      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77        |           | 26 - 136 | 11/13/25 11:44 | 11/18/25 04:15 | 10      |
| 2-Fluorobiphenyl            | 74        |           | 39 - 130 | 11/13/25 11:44 | 11/18/25 04:15 | 10      |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/13/25 11:44 | 11/18/25 04:15 | 10      |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 11:44 | 11/18/25 04:15 | 10      |
| Phenol-d5 (Surr)            | 16        |           | 8 - 124  | 11/13/25 11:44 | 11/18/25 04:15 | 10      |
| p-Terphenyl-d14             | 74        |           | 28 - 130 | 11/13/25 11:44 | 11/18/25 04:15 | 10      |

Client Sample ID: MW-29S

Lab Sample ID: 860-116038-7

Date Collected: 11/06/25 14:12

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <32.2  | U         | 50.0 | 32.2 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,1,1-Trichloroethane                 | <29.3  | U         | 250  | 29.3 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,1,2,2-Tetrachloroethane             | <23.5  | U         | 50.0 | 23.5 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <55.5  | U         | 500  | 55.5 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,1,2-Trichloroethane                 | <20.6  | U         | 50.0 | 20.6 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,1-Dichloroethane                    | <31.8  | U         | 50.0 | 31.8 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,1-Dichloroethene                    | <36.9  | U         | 50.0 | 36.9 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,2,3-Trichloropropane                | <23.5  | U         | 50.0 | 23.5 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,2,4-Trimethylbenzene                | <20.9  | U         | 50.0 | 20.9 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,2-Dibromo-3-Chloropropane           | <33.6  | U         | 250  | 33.6 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,2-Dibromoethane                     | <50.0  | U         | 250  | 50.0 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,2-Dichloroethane                    | <18.6  | U         | 50.0 | 18.6 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,2-Dichloropropane                   | <27.8  | U         | 250  | 27.8 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,3,5-Trimethylbenzene                | <20.6  | U         | 50.0 | 20.6 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 1,3-Butadiene                         | <28.4  | U         | 50.0 | 28.4 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 2,2,4-Trimethylpentane                | <25.0  | U         | 250  | 25.0 | ug/L |   |          | 11/13/25 12:39 | 50      |
| 2-Butanone (MEK)                      | <414   | U         | 2500 | 414  | ug/L |   |          | 11/13/25 12:39 | 50      |
| 2-Hexanone (MBK)                      | <250   | U         | 2500 | 250  | ug/L |   |          | 11/13/25 12:39 | 50      |
| 2-Propanol                            | <261   | U         | 500  | 261  | ug/L |   |          | 11/13/25 12:39 | 50      |
| 3-Chloropropene (Allyl Chloride)      | <29.9  | U         | 250  | 29.9 | ug/L |   |          | 11/13/25 12:39 | 50      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29S

Lab Sample ID: 860-116038-7

Date Collected: 11/06/25 14:12

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result  | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|--------|--------|------|---|----------|----------------|---------|
| 4-Methyl-2-pentanone        | <250    | U         | 2500   | 250    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Acetone                     | <153    | U         | 5000   | 153    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Acetonitrile                | <730    | U         | 5000   | 730    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Acrolein                    | <556    | U         | 2500   | 556    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Acrylonitrile               | <716    | U         | 2500   | 716    | ug/L |   |          | 11/13/25 12:39 | 50      |
| alpha-Chlorotoluene         | <113    | U         | 250    | 113    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Benzene                     | <23.0   | U         | 50.0   | 23.0   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Bromodichloromethane        | <27.6   | U         | 50.0   | 27.6   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Bromoform                   | <31.7   | U         | 250    | 31.7   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Bromomethane                | <71.0   | U         | 250    | 71.0   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Carbon disulfide            | <82.5   | U         | 250    | 82.5   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Chlorobenzene               | <22.8   | U         | 50.0   | 22.8   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Chlorodibromomethane        | <27.4   | U         | 250    | 27.4   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Chloroethane                | <99.2   | U         | 500    | 99.2   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Chloroform                  | 227     |           | 50.0   | 23.2   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Chloromethane               | <102    | U         | 500    | 102    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Chloroprene                 | <29.9   | U         | 250    | 29.9   | ug/L |   |          | 11/13/25 12:39 | 50      |
| cis-1,2-Dichloroethene      | <22.9   | U         | 50.0   | 22.9   | ug/L |   |          | 11/13/25 12:39 | 50      |
| cis-1,3-Dichloropropene     | <53.4   | U         | 250    | 53.4   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Cumene (isopropylbenzene)   | <29.6   | U         | 50.0   | 29.6   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Cyclohexane                 | <64.3   | U         | 250    | 64.3   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Dibromomethane              | <17.9   | U         | 50.0   | 17.9   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Dichlorodifluoromethane     | <39.3   | U         | 50.0   | 39.3   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Ethyl methacrylate          | <55.9   | U         | 250    | 55.9   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Ethylbenzene                | <19.3   | U         | 50.0   | 19.3   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Hexane                      | <25.9   | U         | 250    | 25.9   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Iodomethane                 | <250    | U         | 1000   | 250    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Isobutanol                  | <855    | U         | 2500   | 855    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Methacrylonitrile           | <136    | U         | 500    | 136    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Methyl methacrylate         | <113    | U         | 500    | 113    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Methyl tert-butyl ether     | <69.6   | U         | 250    | 69.6   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Methylene Chloride          | <86.3   | U         | 250    | 86.3   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Propionitrile               | <167    | U         | 500    | 167    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Propylbenzene               | <21.5   | U         | 50.0   | 21.5   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Styrene                     | <31.0   | U         | 50.0   | 31.0   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Tetrachloroethene           | <32.8   | U         | 50.0   | 32.8   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Tetrahydrofuran             | <91.7   | U         | 500    | 91.7   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Toluene                     | <23.8   | U         | 50.0   | 23.8   | ug/L |   |          | 11/13/25 12:39 | 50      |
| trans-1,2-Dichloroethene    | <18.4   | U         | 50.0   | 18.4   | ug/L |   |          | 11/13/25 12:39 | 50      |
| trans-1,3-Dichloropropene   | <63.4   | U         | 250    | 63.4   | ug/L |   |          | 11/13/25 12:39 | 50      |
| trans-1,4-Dichloro-2-butene | <67.5   | U         | 500    | 67.5   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Trichloroethene             | <75.0   | U         | 250    | 75.0   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Trichlorofluoromethane      | <28.0   | U         | 50.0   | 28.0   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Vinyl acetate               | <107    | U         | 1000   | 107    | ug/L |   |          | 11/13/25 12:39 | 50      |
| Vinyl chloride              | <21.4   | U         | 100    | 21.4   | ug/L |   |          | 11/13/25 12:39 | 50      |
| Xylenes, Total              | <62.0   | U         | 100    | 62.0   | ug/L |   |          | 11/13/25 12:39 | 50      |
| m,p-Xylenes                 | <0.0620 | U         | 0.100  | 0.0620 | mg/L |   |          | 11/13/25 12:39 | 50      |
| o-Xylene                    | <0.0251 | U         | 0.0500 | 0.0251 | mg/L |   |          | 11/13/25 12:39 | 50      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29S

Lab Sample ID: 860-116038-7

Date Collected: 11/06/25 14:12

Matrix: Water

Date Received: 11/08/25 09:20

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/13/25 12:39 | 50      |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/13/25 12:39 | 50      |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 131 |          | 11/13/25 12:39 | 50      |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/13/25 12:39 | 50      |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Carbon tetrachloride         | 14600     |           | 400      | 179 | ug/L |   |          | 11/13/25 15:47 | 200     |
|                              |           |           |          |     |      |   |          |                |         |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 63 - 144 |     |      |   |          | 11/13/25 15:47 | 200     |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 74 - 124 |     |      |   |          | 11/13/25 15:47 | 200     |
| Dibromofluoromethane (Surr)  | 118       |           | 75 - 131 |     |      |   |          | 11/13/25 15:47 | 200     |
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |     |      |   |          | 11/13/25 15:47 | 200     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.122  | U         | 0.576 | 0.122  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,2-Dichlorobenzene          | <0.102  | U         | 0.576 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,3-Dichlorobenzene          | <0.109  | U         | 0.576 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86   | U         | 2.88  | 1.86   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.434  | U         | 0.576 | 0.434  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.118  | U         | 0.576 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,4-Dichlorophenol           | <0.127  | U         | 0.576 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,4-Dimethylphenol           | <0.113  | U         | 0.576 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,4-Dioxane                  | <0.106  | U         | 0.576 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.76  | 1.39   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,4-Dinitrotoluene           | <0.517  | U         | 1.15  | 0.517  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,6-Dinitrotoluene           | <0.275  | U         | 0.576 | 0.275  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.576 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Methylnaphthalene          | <0.110  | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Methylphenol               | <0.110  | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.576 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.576 | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 3 & 4 Methylphenol           | <0.0951 | U         | 0.576 | 0.0951 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 3-Nitroaniline               | <0.224  | U         | 1.15  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.24   | U         | 2.88  | 1.24   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.576 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U         | 0.576 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4-Chloroaniline              | <0.0887 | U         | 0.576 | 0.0887 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0961 | U         | 0.576 | 0.0961 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4-Nitroaniline               | <0.273  | U         | 1.15  | 0.273  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Acenaphthene                 | <0.102  | U         | 0.576 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Acenaphthylene               | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Aniline                      | <0.453  | U         | 1.15  | 0.453  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Anthracene                   | <0.105  | U         | 0.576 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Benzo[a]anthracene           | <0.128  | U         | 0.288 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Benzo[a]pyrene               | <0.108  | U         | 0.288 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Benzo[b]fluoranthene         | <0.125  | U         | 0.576 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Benzo[g,h,i]perylene         | <0.0910 | U         | 0.576 | 0.0910 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |

Eurofins Houston



# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29S

Lab Sample ID: 860-116038-7

Date Collected: 11/06/25 14:12

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[k]fluoranthene        | <0.124  | U         | 0.576 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Benzyl alcohol              | <0.226  | U         | 2.88  | 0.226  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.576 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.576 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.575  | U         | 1.15  | 0.575  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Butyl benzyl phthalate      | <0.338  | U         | 1.15  | 0.338  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Chrysene                    | <0.0972 | U         | 0.576 | 0.0972 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0857 | U         | 0.115 | 0.0857 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.576 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Diethyl phthalate           | <0.188  | U         | 1.15  | 0.188  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Di-n-butyl phthalate        | <0.665  | U         | 1.15  | 0.665  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Di-n-octyl phthalate        | <0.288  | U         | 1.15  | 0.288  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Fluoranthene                | <0.121  | U         | 0.576 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Fluorene                    | <0.114  | U         | 0.576 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Hexachlorobenzene           | <0.133  | U         | 0.576 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Hexachlorobutadiene         | <0.163  | U         | 0.576 | 0.163  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Hexachlorocyclopentadiene   | <0.181  | U         | 1.15  | 0.181  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Hexachloroethane            | 0.199   | J         | 0.576 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.576 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Isophorone                  | <0.107  | U         | 0.576 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Naphthalene                 | <0.115  | U         | 0.576 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.576 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.576 | 0.148  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.576 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Pentachlorophenol           | <0.314  | U         | 0.576 | 0.314  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Phenanthrene                | <0.108  | U         | 0.576 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Phenol                      | <0.510  | U         | 1.15  | 0.510  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Pyrene                      | <0.130  | U         | 0.576 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Pyridine                    | <0.843  | U         | 2.88  | 0.843  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitro-o-toluidine         | <0.656  | U         | 1.15  | 0.656  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.256  | U         | 0.576 | 0.256  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Acetophenone                | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosopiperidine         | <0.635  | U         | 1.15  | 0.635  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Pentachlorobenzene          | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Diphenyl ether              | 3.22    |           | 0.576 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,1'-Biphenyl               | 0.903   |           | 0.576 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4-Aminobiphenyl             | <0.196  | U         | 0.576 | 0.196  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.116  | U         | 0.576 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,3,5-Trinitrobenzene       | <0.658  | U         | 1.15  | 0.658  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,3-Dinitrobenzene          | <0.592  | U         | 1.15  | 0.592  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1,4-Naphthoquinone          | <0.0617 | U         | 0.576 | 0.0617 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 1-Naphthylamine             | <0.271  | U         | 0.576 | 0.271  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,6-Dichlorophenol          | <0.0980 | U         | 0.576 | 0.0980 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Acetylaminofluorene       | <1.72   | U         | 2.88  | 1.72   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Chlorophenol              | <0.103  | U         | 0.576 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Naphthylamine             | <0.415  | U         | 0.576 | 0.415  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Picoline                  | <1.04   | U         | 1.15  | 1.04   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Toluidine                 | <0.427  | U         | 0.576 | 0.427  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29S

Lab Sample ID: 860-116038-7

Date Collected: 11/06/25 14:12

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 3,3'-Dichlorobenzidine              | <0.654  | U         | 1.15  | 0.654  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 3,3'-Dimethylbenzidine              | <0.297  | U         | 0.576 | 0.297  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 3-Methylcholanthrene                | <0.0888 | U         | 0.576 | 0.0888 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.641  | U         | 1.15  | 0.641  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.129  | U         | 0.576 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U         | 5.76  | 1.46   | ug/L |   | 11/13/25 11:44 | 11/19/25 04:54 | 1       |
| Aramite Peak 1                      | <0.185  | U         | 0.576 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Aramite Peak 2                      | <0.204  | U         | 0.576 | 0.204  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Aramite, Total                      | <0.185  | U *-      | 0.576 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Diallate                            | <0.0301 | U *-      | 0.576 | 0.0301 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Diallate Peak 1                     | <0.0753 | U         | 0.576 | 0.0753 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Diallate Peak 2                     | <0.0301 | U         | 0.576 | 0.0301 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Dimethoate                          | <0.502  | U **      | 2.88  | 0.502  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Dinoseb                             | <0.681  | U **      | 2.88  | 0.681  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Disulfoton                          | <2.17   | U **      | 2.88  | 2.17   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Ethyl methanesulfonate              | <0.187  | U         | 0.576 | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Ethyl Parathion                     | <0.630  | U **      | 1.15  | 0.630  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Famphur                             | <0.261  | U         | 1.15  | 0.261  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Hexachloropropene                   | <0.576  | U         | 0.576 | 0.576  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Isosafrole                          | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Isosafrole Peak 1                   | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Isosafrole Peak 2                   | <0.0992 | U         | 0.576 | 0.0992 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Methapyrilene                       | <1.53   | U **      | 2.30  | 1.53   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Methyl methanesulfonate             | <0.187  | U         | 0.576 | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Methyl parathion                    | <2.78   | U **      | 2.88  | 2.78   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosodiethylamine               | <0.678  | U         | 1.15  | 0.678  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U         | 0.576 | 0.160  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.729  | U         | 1.15  | 0.729  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosomethylethylamine           | <0.706  | U         | 1.15  | 0.706  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosomorpholine                 | <0.718  | U         | 1.15  | 0.718  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.576 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.133  | U         | 0.576 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| p-Dimethylamino azobenzene          | <0.155  | U         | 0.576 | 0.155  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Pentachloronitrobenzene             | <0.255  | U         | 0.576 | 0.255  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Phenacetin                          | <0.254  | U         | 0.576 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Phorate                             | <2.63   | U **      | 5.76  | 2.63   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| p-Phenylene diamine                 | <5.76   | U         | 5.76  | 5.76   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Pronamide                           | <0.135  | U         | 0.576 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Safrole, Total                      | <0.0927 | U *-      | 0.576 | 0.0927 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Sulfotep                            | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Thionazin                           | <0.342  | U         | 1.15  | 0.342  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 48        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2,4,6-Tribromophenol (Surr) | 56        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 04:54 | 1       |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Fluorobiphenyl            | 52        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 04:54 | 1       |
| 2-Fluorophenol (Surr)       | 32        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| 2-Fluorophenol (Surr)       | 29        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 04:54 | 1       |
| Nitrobenzene-d5 (Surr)      | 51        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 18:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Client Sample ID: MW-29S**

**Lab Sample ID: 860-116038-7**

**Date Collected: 11/06/25 14:12**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr) | 59        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 04:54 | 1       |
| Phenol-d5 (Surr)       | 17        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| Phenol-d5 (Surr)       | 16        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 04:54 | 1       |
| p-Terphenyl-d14        | 51        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 18:03 | 1       |
| p-Terphenyl-d14        | 52        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 04:54 | 1       |

**Client Sample ID: MW-29D**

**Lab Sample ID: 860-116038-8**

**Date Collected: 11/06/25 15:02**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result       | Qualifier | RL     | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|--------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <644         | U         | 1000   | 644   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,1,1-Trichloroethane                 | <585         | U         | 5000   | 585   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,1,2,2-Tetrachloroethane             | <470         | U         | 1000   | 470   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1110        | U         | 10000  | 1110  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,1,2-Trichloroethane                 | <411         | U         | 1000   | 411   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,1-Dichloroethane                    | <635         | U         | 1000   | 635   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,1-Dichloroethene                    | <738         | U         | 1000   | 738   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,2,3-Trichloropropane                | <470         | U         | 1000   | 470   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,2,4-Trimethylbenzene                | <417         | U         | 1000   | 417   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,2-Dibromo-3-Chloropropane           | <671         | U         | 5000   | 671   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,2-Dibromoethane                     | <999         | U         | 5000   | 999   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,2-Dichloroethane                    | <372         | U         | 1000   | 372   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,2-Dichloropropane                   | <556         | U         | 5000   | 556   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,3,5-Trimethylbenzene                | <411         | U         | 1000   | 411   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 1,3-Butadiene                         | <568         | U         | 1000   | 568   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 2,2,4-Trimethylpentane                | <500         | U         | 5000   | 500   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 2-Butanone (MEK)                      | <8280        | U         | 50000  | 8280  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 2-Hexanone (MBK)                      | <5000        | U         | 50000  | 5000  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 2-Propanol                            | <5230        | U         | 10000  | 5230  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 3-Chloropropene (Allyl Chloride)      | <597         | U         | 5000   | 597   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| 4-Methyl-2-pentanone                  | <5000        | U         | 50000  | 5000  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Acetone                               | <3070        | U         | 100000 | 3070  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Acetonitrile                          | <14600       | U         | 100000 | 14600 | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Acrolein                              | <11100       | U         | 50000  | 11100 | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Acrylonitrile                         | <14300       | U         | 50000  | 14300 | ug/L |   |          | 11/13/25 13:00 | 1000    |
| alpha-Chlorotoluene                   | <2260        | U         | 5000   | 2260  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| <b>Benzene</b>                        | <b>557</b>   | <b>J</b>  | 1000   | 460   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Bromodichloromethane                  | <552         | U         | 1000   | 552   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Bromoform                             | <633         | U         | 5000   | 633   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Bromomethane                          | <1420        | U         | 5000   | 1420  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Carbon disulfide                      | <1650        | U         | 5000   | 1650  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| <b>Carbon tetrachloride</b>           | <b>99800</b> |           | 2000   | 896   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Chlorobenzene                         | <455         | U         | 1000   | 455   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Chlorodibromomethane                  | <547         | U         | 5000   | 547   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Chloroethane                          | <1980        | U         | 10000  | 1980  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| <b>Chloroform</b>                     | <b>2020</b>  |           | 1000   | 464   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Chloromethane                         | <2040        | U         | 10000  | 2040  | ug/L |   |          | 11/13/25 13:00 | 1000    |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29D

Lab Sample ID: 860-116038-8

Date Collected: 11/06/25 15:02

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloroprene                 | <598   | U         | 5000  | 598   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| cis-1,2-Dichloroethene      | <457   | U         | 1000  | 457   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| cis-1,3-Dichloropropene     | <1070  | U         | 5000  | 1070  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Cumene (isopropylbenzene)   | <592   | U         | 1000  | 592   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Cyclohexane                 | <1290  | U         | 5000  | 1290  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Dibromomethane              | <357   | U         | 1000  | 357   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Dichlorodifluoromethane     | <785   | U         | 1000  | 785   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Ethyl methacrylate          | <1120  | U         | 5000  | 1120  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Ethylbenzene                | <385   | U         | 1000  | 385   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Hexane                      | <517   | U         | 5000  | 517   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Iodomethane                 | <5000  | U         | 20000 | 5000  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Isobutanol                  | <17100 | U         | 50000 | 17100 | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Methacrylonitrile           | <2720  | U         | 10000 | 2720  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Methyl methacrylate         | <2250  | U         | 10000 | 2250  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Methyl tert-butyl ether     | <1390  | U         | 5000  | 1390  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Methylene Chloride          | <1730  | U         | 5000  | 1730  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Propionitrile               | <3340  | U         | 10000 | 3340  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Propylbenzene               | <429   | U         | 1000  | 429   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Styrene                     | <619   | U         | 1000  | 619   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Tetrachloroethene           | <655   | U         | 1000  | 655   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Tetrahydrofuran             | <1830  | U         | 10000 | 1830  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Toluene                     | <475   | U         | 1000  | 475   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| trans-1,2-Dichloroethene    | <368   | U         | 1000  | 368   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| trans-1,3-Dichloropropene   | <1270  | U         | 5000  | 1270  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| trans-1,4-Dichloro-2-butene | <1350  | U         | 10000 | 1350  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Trichloroethene             | <1500  | U         | 5000  | 1500  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Trichlorofluoromethane      | <560   | U         | 1000  | 560   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Vinyl acetate               | <2140  | U         | 20000 | 2140  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Vinyl chloride              | <428   | U         | 2000  | 428   | ug/L |   |          | 11/13/25 13:00 | 1000    |
| Xylenes, Total              | <1240  | U         | 2000  | 1240  | ug/L |   |          | 11/13/25 13:00 | 1000    |
| m,p-Xylenes                 | <1.24  | U         | 2.00  | 1.24  | mg/L |   |          | 11/13/25 13:00 | 1000    |
| o-Xylene                    | <0.502 | U         | 1.00  | 0.502 | mg/L |   |          | 11/13/25 13:00 | 1000    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114       |           | 63 - 144 |          | 11/13/25 13:00 | 1000    |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/13/25 13:00 | 1000    |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/13/25 13:00 | 1000    |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/13/25 13:00 | 1000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.571 | 0.121 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1,2-Dichlorobenzene          | 1.80   |           | 0.571 | 0.101 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1,3-Dichlorobenzene          | 0.184  | J         | 0.571 | 0.108 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1,4-Dichlorobenzene          | 2.82   |           | 0.571 | 0.109 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.85  | 1.85  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,4,5-Trichlorophenol        | <0.430 | U         | 0.571 | 0.430 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.571 | 0.117 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.571 | 0.126 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.571 | 0.112 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29D

Lab Sample ID: 860-116038-8

Date Collected: 11/06/25 15:02

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                 | <0.105       | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,4-Dinitrophenol           | <1.38        | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,4-Dinitrotoluene          | <0.512       | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,6-Dinitrotoluene          | <0.273       | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Chloronaphthalene         | <0.118       | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>2-Methylnaphthalene</b>  | <b>0.254</b> | <b>J</b>  | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Methylphenol              | <0.109       | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Nitroaniline              | <0.158       | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>2-Nitrophenol</b>        | <b>1.90</b>  |           | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 3 & 4 Methylphenol          | <0.0943      | U         | 0.571 | 0.0943 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 3-Nitroaniline              | <0.222       | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23        | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105       | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 4-Chloro-3-methylphenol     | <0.119       | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 4-Chloroaniline             | <0.0880      | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0953      | U         | 0.571 | 0.0953 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 4-Nitroaniline              | <0.270       | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Acenaphthene                | <0.101       | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Acenaphthylene              | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Aniline                     | <0.449       | U         | 1.14  | 0.449  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Anthracene                  | <0.104       | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Benzo[a]anthracene          | <0.127       | U         | 0.285 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Benzo[a]pyrene              | <0.107       | U         | 0.285 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Benzo[b]fluoranthene        | <0.124       | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Benzo[g,h,i]perylene        | <0.0902      | U         | 0.571 | 0.0902 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Benzo[k]fluoranthene        | <0.123       | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Benzyl alcohol              | <0.224       | U         | 2.85  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Bis(2-chloroethyl)ether     | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.570       | U         | 1.14  | 0.570  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Butyl benzyl phthalate      | <0.336       | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Chrysene                    | <0.0964      | U         | 0.571 | 0.0964 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Dibenz(a,h)anthracene       | <0.0849      | U         | 0.114 | 0.0849 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>Dibenzofuran</b>         | <b>0.810</b> |           | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Diethyl phthalate           | <0.187       | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Dimethyl phthalate          | <0.133       | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Di-n-butyl phthalate        | <0.659       | U         | 1.14  | 0.659  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Di-n-octyl phthalate        | <0.285       | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Fluoranthene                | <0.120       | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Fluorene                    | <0.113       | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Hexachlorobenzene           | <0.132       | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Hexachlorobutadiene         | <0.162       | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Hexachlorocyclopentadiene   | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>Hexachloroethane</b>     | <b>1.86</b>  |           | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103       | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Isophorone                  | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>Naphthalene</b>          | <b>4.98</b>  |           | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Nitrobenzene                | <0.152       | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147       | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29D

Lab Sample ID: 860-116038-8

Date Collected: 11/06/25 15:02

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodiphenylamine              | <0.112       | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Pentachlorophenol                   | <0.312       | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Phenanthrene                        | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>Phenol</b>                       | <b>3.87</b>  |           | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Pyrene                              | <0.129       | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Pyridine                            | <0.835       | U         | 2.85  | 0.835  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitro-o-toluidine                 | <0.650       | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.253       | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>Acetophenone</b>                 | <b>0.560</b> | <b>J</b>  | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosopiperidine                 | <0.630       | U         | 1.14  | 0.630  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Pentachlorobenzene                  | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| <b>Diphenyl ether</b>               | <b>1680</b>  |           | 228   | 40.4   | ug/L |   | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| <b>1,1'-Biphenyl</b>                | <b>524</b>   |           | 228   | 45.2   | ug/L |   | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| 4-Aminobiphenyl                     | <0.195       | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115       | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1,3,5-Trinitrobenzene               | <0.652       | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1,3-Dinitrobenzene                  | <0.586       | U         | 1.14  | 0.586  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1,4-Naphthoquinone                  | <0.0611      | U         | 0.571 | 0.0611 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 1-Naphthylamine                     | <0.269       | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,6-Dichlorophenol                  | <0.0971      | U         | 0.571 | 0.0971 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Acetylaminofluorene               | <1.70        | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Chlorophenol                      | <0.102       | U         | 0.571 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Naphthylamine                     | <0.411       | U         | 0.571 | 0.411  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Picoline                          | <1.03        | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Toluidine                         | <0.424       | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 3,3'-Dichlorobenzidine              | <0.649       | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295       | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 3-Methylcholanthrene                | <0.0880      | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635       | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128       | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45        | U         | 5.71  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/19/25 05:22 | 1       |
| Aramite Peak 1                      | <0.184       | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Aramite Peak 2                      | <0.203       | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Aramite, Total                      | <0.184       | U *-      | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Diallate                            | <0.0298      | U *-      | 0.571 | 0.0298 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Diallate Peak 1                     | <0.0747      | U         | 0.571 | 0.0747 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Diallate Peak 2                     | <0.0298      | U         | 0.571 | 0.0298 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Dimethoate                          | <0.498       | U *+      | 2.85  | 0.498  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Dinoseb                             | <0.675       | U *+      | 2.85  | 0.675  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Disulfoton                          | <2.15        | U *+      | 2.85  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Ethyl methanesulfonate              | <0.185       | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Ethyl Parathion                     | <0.625       | U *+      | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Famphur                             | <0.258       | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Hexachloropropene                   | <0.571       | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Isosafrole                          | <0.0230      | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Isosafrole Peak 1                   | <0.0230      | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Isosafrole Peak 2                   | <0.0983      | U         | 0.571 | 0.0983 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Methapyrilene                       | <1.52        | U *+      | 2.28  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Methyl methanesulfonate             | <0.186       | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-29D

Lab Sample ID: 860-116038-8

Date Collected: 11/06/25 15:02

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Methyl parathion                 | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosodiethylamine            | <0.672  | U         | 1.14  | 0.672  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosodi-n-butylamine         | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosomethylethylamine        | <0.700  | U         | 1.14  | 0.700  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosomorpholine              | <0.712  | U         | 1.14  | 0.712  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Phenacetin                       | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Phorate                          | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| p-Phenylene diamine              | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Pronamide                        | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Safrole, Total                   | <0.0919 | U *       | 0.571 | 0.0919 | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Sulfotepp                        | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Thionazin                        | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/13/25 11:44 | 11/15/25 18:32 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 55        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| 2,4,6-Tribromophenol (Surr) | 67        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 05:22 | 1       |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| 2-Fluorobiphenyl            | 57        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 05:22 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 05:22 | 1       |
| Nitrobenzene-d5 (Surr)      | 58        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Nitrobenzene-d5 (Surr)      | 0         | S1-       | 32 - 133 | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| Nitrobenzene-d5 (Surr)      | 66        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 05:22 | 1       |
| Phenol-d5 (Surr)            | 31        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 05:22 | 1       |
| p-Terphenyl-d14             | 63        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 18:32 | 1       |
| p-Terphenyl-d14             | 0         | S1-       | 28 - 130 | 11/13/25 11:44 | 11/19/25 03:55 | 400     |
| p-Terphenyl-d14             | 61        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 05:22 | 1       |

Client Sample ID: DUPE-02

Lab Sample ID: 860-116038-9

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <644   | U         | 1000  | 644  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,1,1-Trichloroethane                 | <585   | U         | 5000  | 585  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,1,2,2-Tetrachloroethane             | <470   | U         | 1000  | 470  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1110  | U         | 10000 | 1110 | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,1,2-Trichloroethane                 | <411   | U         | 1000  | 411  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,1-Dichloroethane                    | <635   | U         | 1000  | 635  | ug/L |   |          | 11/13/25 13:20 | 1000    |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: DUPE-02

Lab Sample ID: 860-116038-9

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result        | Qualifier | RL     | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|---------------|-----------|--------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethene               | <738          | U         | 1000   | 738   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,2,3-Trichloropropane           | <470          | U         | 1000   | 470   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,2,4-Trimethylbenzene           | <417          | U         | 1000   | 417   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,2-Dibromo-3-Chloropropane      | <671          | U         | 5000   | 671   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,2-Dibromoethane                | <999          | U         | 5000   | 999   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,2-Dichloroethane               | <372          | U         | 1000   | 372   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,2-Dichloropropane              | <556          | U         | 5000   | 556   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,3,5-Trimethylbenzene           | <411          | U         | 1000   | 411   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 1,3-Butadiene                    | <568          | U         | 1000   | 568   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 2,2,4-Trimethylpentane           | <500          | U         | 5000   | 500   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 2-Butanone (MEK)                 | <8280         | U         | 50000  | 8280  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 2-Hexanone (MBK)                 | <5000         | U         | 50000  | 5000  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 2-Propanol                       | <5230         | U         | 10000  | 5230  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 3-Chloropropene (Allyl Chloride) | <597          | U         | 5000   | 597   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| 4-Methyl-2-pentanone             | <5000         | U         | 50000  | 5000  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Acetone                          | <3070         | U         | 100000 | 3070  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Acetonitrile                     | <14600        | U         | 100000 | 14600 | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Acrolein                         | <11100        | U         | 50000  | 11100 | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Acrylonitrile                    | <14300        | U         | 50000  | 14300 | ug/L |   |          | 11/13/25 13:20 | 1000    |
| alpha-Chlorotoluene              | <2260         | U         | 5000   | 2260  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| <b>Benzene</b>                   | <b>542</b>    | <b>J</b>  | 1000   | 460   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Bromodichloromethane             | <552          | U         | 1000   | 552   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Bromoform                        | <633          | U         | 5000   | 633   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Bromomethane                     | <1420         | U         | 5000   | 1420  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Carbon disulfide                 | <1650         | U         | 5000   | 1650  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| <b>Carbon tetrachloride</b>      | <b>108000</b> |           | 2000   | 896   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Chlorobenzene                    | <455          | U         | 1000   | 455   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Chlorodibromomethane             | <547          | U         | 5000   | 547   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Chloroethane                     | <1980         | U         | 10000  | 1980  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| <b>Chloroform</b>                | <b>2150</b>   |           | 1000   | 464   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Chloromethane                    | <2040         | U         | 10000  | 2040  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Chloroprene                      | <598          | U         | 5000   | 598   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| cis-1,2-Dichloroethene           | <457          | U         | 1000   | 457   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| cis-1,3-Dichloropropene          | <1070         | U         | 5000   | 1070  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Cumene (isopropylbenzene)        | <592          | U         | 1000   | 592   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Cyclohexane                      | <1290         | U         | 5000   | 1290  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Dibromomethane                   | <357          | U         | 1000   | 357   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Dichlorodifluoromethane          | <785          | U         | 1000   | 785   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Ethyl methacrylate               | <1120         | U         | 5000   | 1120  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Ethylbenzene                     | <385          | U         | 1000   | 385   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Hexane                           | <517          | U         | 5000   | 517   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Iodomethane                      | <5000         | U         | 20000  | 5000  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Isobutanol                       | <17100        | U         | 50000  | 17100 | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Methacrylonitrile                | <2720         | U         | 10000  | 2720  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Methyl methacrylate              | <2250         | U         | 10000  | 2250  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Methyl tert-butyl ether          | <1390         | U         | 5000   | 1390  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Methylene Chloride               | <1730         | U         | 5000   | 1730  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Propionitrile                    | <3340         | U         | 10000  | 3340  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Propylbenzene                    | <429          | U         | 1000   | 429   | ug/L |   |          | 11/13/25 13:20 | 1000    |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: DUPE-02

Lab Sample ID: 860-116038-9

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Styrene                     | <619   | U         | 1000  | 619   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Tetrachloroethene           | <655   | U         | 1000  | 655   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Tetrahydrofuran             | <1830  | U         | 10000 | 1830  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Toluene                     | <475   | U         | 1000  | 475   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| trans-1,2-Dichloroethene    | <368   | U         | 1000  | 368   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| trans-1,3-Dichloropropene   | <1270  | U         | 5000  | 1270  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| trans-1,4-Dichloro-2-butene | <1350  | U         | 10000 | 1350  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Trichloroethene             | <1500  | U         | 5000  | 1500  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Trichlorofluoromethane      | <560   | U         | 1000  | 560   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Vinyl acetate               | <2140  | U         | 20000 | 2140  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Vinyl chloride              | <428   | U         | 2000  | 428   | ug/L |   |          | 11/13/25 13:20 | 1000    |
| Xylenes, Total              | <1240  | U         | 2000  | 1240  | ug/L |   |          | 11/13/25 13:20 | 1000    |
| m,p-Xylenes                 | <1.24  | U         | 2.00  | 1.24  | mg/L |   |          | 11/13/25 13:20 | 1000    |
| o-Xylene                    | <0.502 | U         | 1.00  | 0.502 | mg/L |   |          | 11/13/25 13:20 | 1000    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114       |           | 63 - 144 |          | 11/13/25 13:20 | 1000    |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 74 - 124 |          | 11/13/25 13:20 | 1000    |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/13/25 13:20 | 1000    |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 11/13/25 13:20 | 1000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,2-Dichlorobenzene          | 2.24    |           | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,3-Dichlorobenzene          | 0.223   | J         | 0.571 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,4-Dichlorobenzene          | 3.48    |           | 0.571 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Methylnaphthalene          | 0.318   | J I       | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Nitrophenol                | 2.49    |           | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: DUPE-02

Lab Sample ID: 860-116038-9

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acenaphthylene              | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Aniline                     | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Anthracene                  | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Dibenzofuran                | 0.984   |           | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Hexachloroethane            | 2.43    |           | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Naphthalene                 | 6.23    |           | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Pentachlorophenol           | 0.435   | J         | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Phenol                      | 2.74    |           | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Acetophenone                | 0.691   | J         | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Diphenyl ether              | 1940    |           | 229   | 40.4   | ug/L |   | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| 1,1'-Biphenyl               | 625     |           | 229   | 45.3   | ug/L |   | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,3-Dinitrobenzene          | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 1,4-Naphthoquinone          | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: DUPE-02

Lab Sample ID: 860-116038-9

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1-Naphthylamine                     | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,6-Dichlorophenol                  | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Naphthylamine                     | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Toluidine                         | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 3-Methylcholanthrene                | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U         | 5.71  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/19/25 05:50 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Diallate                            | <0.0299 | U *-      | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Diallate Peak 1                     | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Diallate Peak 2                     | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Dimethoate                          | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Dinoseb                             | <0.676  | U **      | 2.86  | 0.676  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Disulfoton                          | <2.15   | U **      | 2.86  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Ethyl Parathion                     | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Famphur                             | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Hexachloropropene                   | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Isosafrole Peak 2                   | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Methyl parathion                    | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosodiethylamine               | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosomethylethylamine           | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosomorpholine                 | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Phenacetin                          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Phorate                             | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| p-Phenylene diamine                 | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Pronamide                           | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Safrole, Total                      | <0.0920 | U *-      | 0.571 | 0.0920 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Sulfotepp                           | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Thionazin                           | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:01 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Client Sample ID: DUPE-02**

**Lab Sample ID: 860-116038-9**

**Date Collected: 11/06/25 00:00**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 56        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| 2,4,6-Tribromophenol (Surr) | 65        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 05:50 | 1       |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| 2-Fluorobiphenyl            | 55        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 05:50 | 1       |
| 2-Fluorophenol (Surr)       | 29        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| 2-Fluorophenol (Surr)       | 24        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 05:50 | 1       |
| Nitrobenzene-d5 (Surr)      | 56        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Nitrobenzene-d5 (Surr)      | 0         | S1-       | 32 - 133 | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 05:50 | 1       |
| Phenol-d5 (Surr)            | 15        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| Phenol-d5 (Surr)            | 13        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 05:50 | 1       |
| p-Terphenyl-d14             | 59        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 19:01 | 1       |
| p-Terphenyl-d14             | 0         | S1-       | 28 - 130 | 11/13/25 11:44 | 11/19/25 04:25 | 400     |
| p-Terphenyl-d14             | 56        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 05:50 | 1       |

**Client Sample ID: TB-05**

**Lab Sample ID: 860-116038-10**

**Date Collected: 11/06/25 00:00**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 07:31 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 07:31 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 07:31 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 07:31 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 07:31 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 07:31 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 07:31 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 07:31 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 07:31 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: TB-05

Lab Sample ID: 860-116038-10

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| alpha-Chlorotoluene          | <2.26     | U         | 5.00     | 2.26     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Benzene                      | <0.460    | U         | 1.00     | 0.460    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Bromodichloromethane         | <0.552    | U         | 1.00     | 0.552    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Bromoform                    | <0.633    | U         | 5.00     | 0.633    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Bromomethane                 | <1.42     | U         | 5.00     | 1.42     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Carbon disulfide             | <1.65     | U         | 5.00     | 1.65     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Carbon tetrachloride         | <0.896    | U         | 2.00     | 0.896    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Chlorobenzene                | <0.455    | U         | 1.00     | 0.455    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Chlorodibromomethane         | <0.547    | U         | 5.00     | 0.547    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Chloroethane                 | <1.98     | U         | 10.0     | 1.98     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Chloroform                   | <0.464    | U         | 1.00     | 0.464    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Chloromethane                | <2.04     | U         | 10.0     | 2.04     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Chloroprene                  | <0.598    | U         | 5.00     | 0.598    | ug/L |   |          | 11/13/25 07:31 | 1       |
| cis-1,2-Dichloroethene       | <0.457    | U         | 1.00     | 0.457    | ug/L |   |          | 11/13/25 07:31 | 1       |
| cis-1,3-Dichloropropene      | <1.07     | U         | 5.00     | 1.07     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Cumene (isopropylbenzene)    | <0.592    | U         | 1.00     | 0.592    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Cyclohexane                  | <1.29     | U         | 5.00     | 1.29     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Dibromomethane               | <0.357    | U         | 1.00     | 0.357    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Dichlorodifluoromethane      | <0.785    | U         | 1.00     | 0.785    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Ethyl methacrylate           | <1.12     | U         | 5.00     | 1.12     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Ethylbenzene                 | <0.385    | U         | 1.00     | 0.385    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Hexane                       | <0.517    | U         | 5.00     | 0.517    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Iodomethane                  | <5.00     | U         | 20.0     | 5.00     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Isobutanol                   | <17.1     | U         | 50.0     | 17.1     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Methacrylonitrile            | <2.72     | U         | 10.0     | 2.72     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Methyl methacrylate          | <2.25     | U         | 10.0     | 2.25     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Methyl tert-butyl ether      | <1.39     | U         | 5.00     | 1.39     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Methylene Chloride           | <1.73     | U         | 5.00     | 1.73     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Propionitrile                | <3.34     | U         | 10.0     | 3.34     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Propylbenzene                | <0.429    | U         | 1.00     | 0.429    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Styrene                      | <0.619    | U         | 1.00     | 0.619    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Tetrachloroethene            | <0.655    | U         | 1.00     | 0.655    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Tetrahydrofuran              | <1.83     | U         | 10.0     | 1.83     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Toluene                      | <0.475    | U         | 1.00     | 0.475    | ug/L |   |          | 11/13/25 07:31 | 1       |
| trans-1,2-Dichloroethene     | <0.368    | U         | 1.00     | 0.368    | ug/L |   |          | 11/13/25 07:31 | 1       |
| trans-1,3-Dichloropropene    | <1.27     | U         | 5.00     | 1.27     | ug/L |   |          | 11/13/25 07:31 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/13/25 07:31 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/13/25 07:31 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/13/25 07:31 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/13/25 07:31 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/13/25 07:31 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 63 - 144 |          |      |   |          | 11/13/25 07:31 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 74 - 124 |          |      |   |          | 11/13/25 07:31 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          |      |   |          | 11/13/25 07:31 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          |      |   |          | 11/13/25 07:31 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 09:14 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 09:14 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 09:14 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 09:14 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 09:14 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U F1      | 5.00 | 2.26  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 09:14 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 09:14 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 09:14 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 09:14 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 09:14 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 09:14 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 09:14 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 09:14 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 09:14 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 09:14 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 09:14 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 09:14 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 09:14 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 09:14 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 09:14 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 09:14 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 09:14 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/13/25 09:14 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |          | 11/13/25 09:14 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/13/25 09:14 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/13/25 09:14 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U F1      | 0.571 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U F1      | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U F1      | 2.85  | 1.85   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U F1      | 0.571 | 0.430  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U F1      | 0.571 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U F1      | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,4-Dioxane                  | <0.105  | U F1      | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U F1      | 0.571 | 0.273  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Chloronaphthalene          | <0.118  | U F1      | 0.571 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Methylphenol               | <0.109  | U F1      | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 3 & 4 Methylphenol           | <0.0943 | U F1      | 0.571 | 0.0943 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 3-Nitroaniline               | <0.222  | U F1      | 1.14  | 0.222  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |

Eurofins Houston



# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.105  | U F1      | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U F1      | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 4-Chloroaniline             | <0.0880 | U F1      | 0.571 | 0.0880 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0953 | U F1      | 0.571 | 0.0953 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 4-Nitroaniline              | <0.270  | U F1      | 1.14  | 0.270  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Acenaphthene                | 0.183   | J F1      | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Aniline                     | <0.449  | U F1      | 1.14  | 0.449  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Anthracene                  | <0.104  | U F1      | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.285 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Benzo[g,h,i]perylene        | <0.0902 | U F1      | 0.571 | 0.0902 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.85  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U F1      | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U F1      | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.570  | U         | 1.14  | 0.570  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Chrysene                    | <0.0964 | U         | 0.571 | 0.0964 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Dibenz(a,h)anthracene       | <0.0849 | U F1      | 0.114 | 0.0849 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Dibenzofuran                | 0.127   | J         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Diethyl phthalate           | <0.187  | U F1      | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Di-n-butyl phthalate        | <0.659  | U         | 1.14  | 0.659  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Di-n-octyl phthalate        | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Fluorene                    | <0.113  | U F1      | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Hexachlorobenzene           | <0.132  | U F1      | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U F1      | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Isophorone                  | <0.106  | U F1      | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U F1      | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U F1      | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Phenanthrene                | <0.107  | U F1      | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Phenol                      | 0.615   | J F1      | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Pyridine                    | <0.835  | U F1      | 2.85  | 0.835  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitro-o-toluidine         | <0.650  | U F1      | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.253  | U F1      | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Acetophenone                | <0.138  | U F1      | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosopiperidine         | <0.630  | U F1      | 1.14  | 0.630  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Pentachlorobenzene          | <0.125  | U F1      | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,1'-Biphenyl               | 0.785   | F1        | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                     | <0.195  | U F1      | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U F1      | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,3,5-Trinitrobenzene               | <0.652  | U F1      | 1.14  | 0.652  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,3-Dinitrobenzene                  | <0.586  | U F1      | 1.14  | 0.586  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1,4-Naphthoquinone                  | <0.0611 | U         | 0.571 | 0.0611 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 1-Naphthylamine                     | <0.269  | U F1      | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,6-Dichlorophenol                  | <0.0971 | U F1      | 0.571 | 0.0971 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U F2 F1   | 2.85  | 1.70   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Chlorophenol                      | <0.102  | U F1      | 0.571 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Naphthylamine                     | <0.411  | U F1      | 0.571 | 0.411  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Picoline                          | <1.03   | U F1      | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Toluidine                         | <0.424  | U F1      | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 3,3'-Dichlorobenzidine              | <0.649  | U F1      | 1.14  | 0.649  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U F1      | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 3-Methylcholanthrene                | <0.0880 | U F1      | 0.571 | 0.0880 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *       | 5.71  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/19/25 06:18 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Aramite Peak 2                      | <0.203  | U F1      | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Aramite, Total                      | <0.184  | U *       | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Diallate                            | <0.0298 | U *       | 0.571 | 0.0298 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Diallate Peak 1                     | <0.0747 | U F1      | 0.571 | 0.0747 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Diallate Peak 2                     | <0.0298 | U F1      | 0.571 | 0.0298 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Dimethoate                          | <0.498  | U **      | 2.85  | 0.498  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Dinoseb                             | <0.675  | U **      | 2.85  | 0.675  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Disulfoton                          | <2.15   | U **      | 2.85  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Ethyl methanesulfonate              | <0.185  | U F1      | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Ethyl Parathion                     | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Hexachloropropene                   | <0.571  | U F1      | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Isosafrole                          | <0.0230 | U F1      | 0.571 | 0.0230 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U F1      | 0.571 | 0.0230 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Isosafrole Peak 2                   | <0.0983 | U F1      | 0.571 | 0.0983 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.28  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Methyl methanesulfonate             | <0.186  | U F1      | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Methyl parathion                    | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosodiethylamine               | <0.672  | U F1      | 1.14  | 0.672  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U F1      | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosodi-n-butylamine            | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosomethylethylamine           | <0.700  | U F1      | 1.14  | 0.700  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosomorpholine                 | <0.712  | U F1      | 1.14  | 0.712  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Pentachloronitrobenzene             | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Phenacetin                          | <0.252  | U F1      | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Phorate                             | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| p-Phenylene diamine                 | <5.71   | U F1      | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pronamide      | <0.134  | U F1      | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Safrole, Total | <0.0919 | U *- F1   | 0.571 | 0.0919 | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Sulfotepp      | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Thionazin      | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/13/25 11:44 | 11/15/25 19:31 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 50        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2,4,6-Tribromophenol (Surr) | 56        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 06:18 | 1       |
| 2-Fluorobiphenyl            | 57        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Fluorobiphenyl            | 50        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 06:18 | 1       |
| 2-Fluorophenol (Surr)       | 37        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| 2-Fluorophenol (Surr)       | 32        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 06:18 | 1       |
| Nitrobenzene-d5 (Surr)      | 54        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Nitrobenzene-d5 (Surr)      | 62        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 06:18 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| Phenol-d5 (Surr)            | 19        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 06:18 | 1       |
| p-Terphenyl-d14             | 46        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 19:31 | 1       |
| p-Terphenyl-d14             | 43        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 06:18 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 358    |           | 11.4 | 2.02 | ug/L |   | 11/13/25 11:44 | 11/18/25 06:13 | 20      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 95        | I         | 26 - 136 | 11/13/25 11:44 | 11/18/25 06:13 | 20      |
| 2-Fluorobiphenyl            | 57        |           | 39 - 130 | 11/13/25 11:44 | 11/18/25 06:13 | 20      |
| 2-Fluorophenol (Surr)       | 34        |           | 19 - 120 | 11/13/25 11:44 | 11/18/25 06:13 | 20      |
| Nitrobenzene-d5 (Surr)      | 56        |           | 32 - 133 | 11/13/25 11:44 | 11/18/25 06:13 | 20      |
| Phenol-d5 (Surr)            | 16        |           | 8 - 124  | 11/13/25 11:44 | 11/18/25 06:13 | 20      |
| p-Terphenyl-d14             | 48        |           | 28 - 130 | 11/13/25 11:44 | 11/18/25 06:13 | 20      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U H       | 0.571 | 0.121 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U H       | 0.571 | 0.101 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U H       | 0.571 | 0.108 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U H       | 0.571 | 0.110 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U H       | 2.86  | 1.85  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,4,5-Trichlorophenol        | <0.431 | U H       | 0.571 | 0.431 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U H       | 0.571 | 0.117 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U H       | 0.571 | 0.126 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U H       | 0.571 | 0.112 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,4-Dioxane                  | <0.105 | U H F1    | 0.571 | 0.105 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,4-Dinitrophenol            | <1.38  | U H       | 5.71  | 1.38  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,4-Dinitrotoluene           | <0.513 | U H       | 1.14  | 0.513 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,6-Dinitrotoluene           | <0.273 | U H       | 0.571 | 0.273 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Chloronaphthalene          | <0.118 | U H       | 0.571 | 0.118 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Methylnaphthalene          | <0.109 | U H       | 0.571 | 0.109 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Methylphenol               | <0.109 | U H       | 0.571 | 0.109 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Nitroaniline               | <0.158 | U H       | 0.571 | 0.158 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Nitrophenol               | <0.137  | U H       | 0.571 | 0.137  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 3 & 4 Methylphenol          | <0.0944 | U H       | 0.571 | 0.0944 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 3-Nitroaniline              | <0.223  | U H F2    | 1.14  | 0.223  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U H       | 2.86  | 1.23   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105  | U H       | 0.571 | 0.105  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U H       | 0.571 | 0.119  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4-Chloroaniline             | <0.0881 | U H       | 0.571 | 0.0881 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954 | U H       | 0.571 | 0.0954 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4-Nitroaniline              | <0.271  | U H       | 1.14  | 0.271  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Acenaphthene                | 0.256   | J H       | 0.571 | 0.101  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Acenaphthylene              | <0.125  | U H       | 0.571 | 0.125  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Aniline                     | <0.450  | U H       | 1.14  | 0.450  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Anthracene                  | <0.104  | U H       | 0.571 | 0.104  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Benzo[a]anthracene          | <0.127  | U H       | 0.286 | 0.127  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Benzo[a]pyrene              | <0.107  | U H       | 0.286 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U H       | 0.571 | 0.124  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U H       | 0.571 | 0.0903 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U H       | 0.571 | 0.123  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Benzyl alcohol              | <0.224  | U H F1    | 2.86  | 0.224  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U H       | 0.571 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U H       | 0.571 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U H F1    | 1.14  | 0.571  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Butyl benzyl phthalate      | <0.336  | U H F1    | 1.14  | 0.336  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Chrysene                    | <0.0965 | U H       | 0.571 | 0.0965 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U H       | 0.114 | 0.0851 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Dibenzofuran                | 0.147   | J H       | 0.571 | 0.112  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Diethyl phthalate           | <0.187  | U H       | 1.14  | 0.187  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Dimethyl phthalate          | <0.133  | U H       | 1.14  | 0.133  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Di-n-butyl phthalate        | <0.660  | U H       | 1.14  | 0.660  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Di-n-octyl phthalate        | <0.286  | U H F1    | 1.14  | 0.286  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Fluoranthene                | <0.120  | U H       | 0.571 | 0.120  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Fluorene                    | <0.113  | U H       | 0.571 | 0.113  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Hexachlorobenzene           | <0.132  | U H       | 0.571 | 0.132  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Hexachlorobutadiene         | <0.162  | U H       | 0.571 | 0.162  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U H       | 1.14  | 0.179  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Hexachloroethane            | <0.125  | U H       | 0.571 | 0.125  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U H       | 0.571 | 0.103  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Isophorone                  | <0.106  | U H       | 0.571 | 0.106  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Naphthalene                 | <0.114  | U H       | 0.571 | 0.114  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Nitrobenzene                | <0.152  | U H       | 0.571 | 0.152  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U H F1    | 0.571 | 0.147  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U H       | 0.571 | 0.112  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Pentachlorophenol           | <0.312  | U H       | 0.571 | 0.312  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Phenanthrene                | <0.107  | U H       | 0.571 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Phenol                      | 1.32    | H F1      | 1.14  | 0.506  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Pyrene                      | <0.129  | U H       | 0.571 | 0.129  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Pyridine                    | <0.837  | U *+ H F1 | 2.86  | 0.837  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
|                             |         | *1        |       |        |      |   |                |                |         |
| N-Nitro-o-toluidine         | <0.651  | U H       | 1.14  | 0.651  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U H       | 0.571 | 0.254  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acetophenone                        | <0.138  | U H       | 1.14  | 0.138  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosopiperidine                 | <0.631  | U H       | 1.14  | 0.631  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Pentachlorobenzene                  | <0.125  | U H       | 0.571 | 0.125  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,1'-Biphenyl                       | 1.06    | H         | 0.571 | 0.113  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U H       | 0.571 | 0.195  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U H       | 0.571 | 0.115  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653  | U H       | 1.14  | 0.653  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,3-Dinitrobenzene                  | <0.587  | U H       | 1.14  | 0.587  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1,4-Naphthoquinone                  | <0.0612 | U H       | 0.571 | 0.0612 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 1-Naphthylamine                     | <0.269  | U H F1    | 0.571 | 0.269  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2,6-Dichlorophenol                  | <0.0973 | U H       | 0.571 | 0.0973 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U H F1    | 2.86  | 1.71   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Chlorophenol                      | <0.103  | U H       | 0.571 | 0.103  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Naphthylamine                     | <0.412  | U H       | 0.571 | 0.412  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Picoline                          | <1.03   | U H F1 *1 | 1.14  | 1.03   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Toluidine                         | <0.424  | U H       | 0.571 | 0.424  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650  | U H       | 1.14  | 0.650  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U H F2 *- | 0.571 | 0.295  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 3-Methylcholanthrene                | <0.0881 | U H       | 0.571 | 0.0881 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636  | U H       | 1.14  | 0.636  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U H       | 0.571 | 0.128  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U H *- F1 | 5.71  | 1.45   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Aramite Peak 1                      | <0.184  | U H       | 0.571 | 0.184  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Aramite Peak 2                      | <0.203  | U H       | 0.571 | 0.203  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Aramite, Total                      | <0.184  | U H *-    | 0.571 | 0.184  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Diallate                            | <0.0299 | U H *-    | 0.571 | 0.0299 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Diallate Peak 1                     | <0.0748 | U H       | 0.571 | 0.0748 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Diallate Peak 2                     | <0.0299 | U H       | 0.571 | 0.0299 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Dimethoate                          | <0.499  | U ++ H    | 2.86  | 0.499  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Dinoseb                             | <0.676  | U ++ H    | 2.86  | 0.676  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Disulfoton                          | <2.15   | U ++ H    | 2.86  | 2.15   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Ethyl methanesulfonate              | <0.185  | U H       | 0.571 | 0.185  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Ethyl Parathion                     | <0.625  | U ++ H    | 1.14  | 0.625  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Famphur                             | <0.259  | U H ++    | 1.14  | 0.259  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Hexachloropropene                   | <0.571  | U H       | 0.571 | 0.571  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Isosafrole                          | <0.0231 | U H       | 0.571 | 0.0231 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U H       | 0.571 | 0.0231 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Isosafrole Peak 2                   | <0.0985 | U H       | 0.571 | 0.0985 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Methapyrilene                       | <1.52   | U ++ H    | 2.29  | 1.52   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Methyl methanesulfonate             | <0.186  | U H F1    | 0.571 | 0.186  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Methyl parathion                    | <2.76   | U ++ H    | 2.86  | 2.76   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosodiethylamine               | <0.673  | U H       | 1.14  | 0.673  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U H F1    | 0.571 | 0.159  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724  | U H       | 1.14  | 0.724  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosomethylethylamine           | <0.701  | U H       | 1.14  | 0.701  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosomorpholine                 | <0.713  | U H F1    | 1.14  | 0.713  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U H       | 0.571 | 0.109  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U H       | 0.571 | 0.132  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U H       | 0.571 | 0.154  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33S

Lab Sample ID: 860-116038-11

Date Collected: 11/07/25 08:10

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                 | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pentachloronitrobenzene | <0.253  | U H       | 0.571 | 0.253  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Phenacetin              | <0.252  | U H       | 0.571 | 0.252  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Phorate                 | <2.61   | U *+ H    | 5.71  | 2.61   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| p-Phenylene diamine     | <5.71   | U H *-    | 5.71  | 5.71   | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Pronamide               | <0.134  | U H       | 0.571 | 0.134  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Safrole, Total          | <0.0920 | U H       | 0.571 | 0.0920 | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Sulfotepp               | <0.471  | U *+ H    | 1.14  | 0.471  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Thionazin               | <0.340  | U H       | 1.14  | 0.340  | ug/L |   | 11/20/25 15:43 | 11/22/25 12:24 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 99        |           | 26 - 136 | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Fluorobiphenyl            | 90        |           | 39 - 130 | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/20/25 15:43 | 11/22/25 12:24 | 1       |
| p-Terphenyl-d14             | 83        |           | 28 - 130 | 11/20/25 15:43 | 11/22/25 12:24 | 1       |

Client Sample ID: MW-33D

Lab Sample ID: 860-116038-12

Date Collected: 11/07/25 09:04

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U *+      | 50.0 | 8.28  | ug/L |   |          | 11/13/25 20:34 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 20:34 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 20:34 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 20:34 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 20:34 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 20:34 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 20:34 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 20:34 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 20:34 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 20:34 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 20:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33D

Lab Sample ID: 860-116038-12

Date Collected: 11/07/25 09:04

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 20:34 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 20:34 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Cumene (isopropylbenzene)   | 1.11      |           | 1.00    | 0.592    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Methacrylonitrile           | <2.72     | U **      | 10.0    | 2.72     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Propionitrile               | <3.34     | U **      | 10.0    | 3.34     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Tetrahydrofuran             | <1.83     | U **      | 10.0    | 1.83     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 20:34 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 20:34 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 20:34 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 20:34 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 20:34 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 20:34 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 20:34 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 20:34 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 63 - 144 |          | 11/13/25 20:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/13/25 20:34 | 1       |
| Dibromofluoromethane (Surr)  | 129       |           | 75 - 131 |          | 11/13/25 20:34 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/13/25 20:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33D

Lab Sample ID: 860-116038-12

Date Collected: 11/07/25 09:04

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.572 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.572 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.572 | 0.432  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.572 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.572 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.572 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.72  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,4-Dinitrotoluene           | <0.514  | U         | 1.14  | 0.514  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.572 | 0.273  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.572 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Methylnaphthalene          | 0.643   |           | 0.572 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.572 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.572 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 3 & 4 Methylphenol           | <0.0945 | U         | 0.572 | 0.0945 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.572 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 4-Chloroaniline              | <0.0882 | U         | 0.572 | 0.0882 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0955 | U         | 0.572 | 0.0955 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Acenaphthene                 | 1.35    |           | 0.572 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Aniline                      | <0.451  | U         | 1.14  | 0.451  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Anthracene                   | <0.104  | U         | 0.572 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.572 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Benzo[g,h,i]perylene         | <0.0904 | U         | 0.572 | 0.0904 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.572 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Benzyl alcohol               | 0.275   | J         | 2.86  | 0.225  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Bis(2-chloroethoxy)methane   | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Bis(2-chloroethyl)ether      | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.572  | U         | 1.14  | 0.572  | ug/L |   | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| Butyl benzyl phthalate       | <0.337  | U         | 1.14  | 0.337  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Chrysene                     | <0.0967 | U         | 0.572 | 0.0967 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Dibenz(a,h)anthracene        | <0.0852 | U         | 0.114 | 0.0852 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Dibenzofuran                 | 5.69    |           | 0.572 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Diethyl phthalate            | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Dimethyl phthalate           | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Di-n-butyl phthalate         | <0.661  | U         | 1.14  | 0.661  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Di-n-octyl phthalate         | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Fluoranthene                 | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Fluorene                     | 0.342   | J         | 0.572 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33D

Lab Sample ID: 860-116038-12

Date Collected: 11/07/25 09:04

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorobenzene                   | <0.132       | U         | 0.572 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Hexachlorobutadiene                 | <0.162       | U         | 0.572 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Hexachlorocyclopentadiene           | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Hexachloroethane                    | <0.125       | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103       | U         | 0.572 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Isophorone                          | <0.106       | U         | 0.572 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| <b>Naphthalene</b>                  | <b>1.75</b>  |           | 0.572 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Nitrobenzene                        | <0.153       | U         | 0.572 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosodi-n-propylamine           | <0.148       | U         | 0.572 | 0.148  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosodiphenylamine              | <0.113       | U         | 0.572 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| <b>Pentachlorophenol</b>            | <b>0.433</b> | <b>J</b>  | 0.572 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| <b>Phenanthrene</b>                 | <b>0.329</b> | <b>J</b>  | 0.572 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| <b>Phenol</b>                       | <b>7.02</b>  |           | 1.14  | 0.507  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Pyrene                              | <0.129       | U         | 0.572 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Pyridine                            | <0.838       | U         | 2.86  | 0.838  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitro-o-toluidine                 | <0.652       | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254       | U         | 0.572 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Acetophenone                        | <0.139       | U         | 1.14  | 0.139  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosopiperidine                 | <0.632       | U         | 1.14  | 0.632  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Pentachlorobenzene                  | <0.125       | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| <b>Diphenyl ether</b>               | <b>5440</b>  |           | 2860  | 506    | ug/L |   | 11/13/25 11:44 | 11/19/25 02:56 | 5000    |
| 4-Aminobiphenyl                     | <0.195       | U         | 0.572 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115       | U         | 0.572 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,3,5-Trinitrobenzene               | <0.654       | U         | 1.14  | 0.654  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,3-Dinitrobenzene                  | <0.588       | U         | 1.14  | 0.588  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1,4-Naphthoquinone                  | <0.0613      | U         | 0.572 | 0.0613 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 1-Naphthylamine                     | <0.270       | U         | 0.572 | 0.270  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,6-Dichlorophenol                  | <0.0974      | U         | 0.572 | 0.0974 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Acetylaminofluorene               | <1.71        | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Chlorophenol                      | <0.103       | U         | 0.572 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Naphthylamine                     | <0.412       | U         | 0.572 | 0.412  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Picoline                          | <1.03        | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Toluidine                         | <0.425       | U         | 0.572 | 0.425  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 3,3'-Dichlorobenzidine              | <0.651       | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295       | U         | 0.572 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 3-Methylcholanthrene                | <0.0883      | U         | 0.572 | 0.0883 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.637       | U         | 1.14  | 0.637  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128       | U         | 0.572 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45        | U         | 5.72  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| Aramite Peak 1                      | <0.184       | U         | 0.572 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Aramite Peak 2                      | <0.203       | U         | 0.572 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Aramite, Total                      | <0.184       | U         | 0.572 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| Diallate                            | <0.0299      | U *       | 0.572 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Diallate Peak 1                     | <0.0749      | U         | 0.572 | 0.0749 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Diallate Peak 2                     | <0.0299      | U         | 0.572 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Dimethoate                          | <0.499       | U **      | 2.86  | 0.499  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Dinoseb                             | <0.677       | U **      | 2.86  | 0.677  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Disulfoton                          | <2.16        | U **      | 2.86  | 2.16   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Ethyl methanesulfonate              | <0.186       | U         | 0.572 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

Client Sample ID: MW-33D

Lab Sample ID: 860-116038-12

Date Collected: 11/07/25 09:04

Matrix: Water

Date Received: 11/08/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Ethyl Parathion                   | <0.626  | U **      | 1.14  | 0.626  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Famphur                           | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Hexachloropropene                 | <0.572  | U         | 0.572 | 0.572  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Isosafrole                        | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Isosafrole Peak 1                 | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Isosafrole Peak 2                 | <0.0986 | U         | 0.572 | 0.0986 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Methapyriline                     | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Methyl methanesulfonate           | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Methyl parathion                  | <2.77   | U **      | 2.86  | 2.77   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosodiethylamine             | <0.674  | U         | 1.14  | 0.674  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosodimethylamine            | <0.159  | U         | 0.572 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosodi-n-butylamine          | <0.725  | U         | 1.14  | 0.725  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosomethylethylamine         | <0.702  | U         | 1.14  | 0.702  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosomorpholine               | <0.714  | U         | 1.14  | 0.714  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| p-Dimethylamino azobenzene        | <0.154  | U         | 0.572 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Pentachloronitrobenzene           | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Phenacetin                        | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Phorate                           | <2.61   | U **      | 5.72  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| p-Phenylene diamine               | <5.72   | U         | 5.72  | 5.72   | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Pronamide                         | <0.134  | U         | 0.572 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Safrole, Total                    | <0.0922 | U *       | 0.572 | 0.0922 | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Sulfotepp                         | <0.472  | U **      | 1.14  | 0.472  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Thionazin                         | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/13/25 11:44 | 11/15/25 20:59 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 11:44 | 11/19/25 02:56 | 5000    |
| 2,4,6-Tribromophenol (Surr) | 75        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| 2-Fluorobiphenyl            | 67        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 11:44 | 11/19/25 02:56 | 5000    |
| 2-Fluorobiphenyl            | 58        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/13/25 11:44 | 11/19/25 02:56 | 5000    |
| 2-Fluorophenol (Surr)       | 35        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 72        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Nitrobenzene-d5 (Surr)      | 0         | S1-       | 32 - 133 | 11/13/25 11:44 | 11/19/25 02:56 | 5000    |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 11:44 | 11/19/25 02:56 | 5000    |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 07:43 | 1       |
| p-Terphenyl-d14             | 77        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 20:59 | 1       |
| p-Terphenyl-d14             | 0         | S1-       | 28 - 130 | 11/13/25 11:44 | 11/19/25 02:56 | 5000    |
| p-Terphenyl-d14             | 66        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 07:43 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte       | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl | 1320   |           | 57.2 | 11.3 | ug/L |   | 11/13/25 11:44 | 11/18/25 03:45 | 100     |

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## Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Client Sample ID: MW-33D**

**Lab Sample ID: 860-116038-12**

**Date Collected: 11/07/25 09:04**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

| <i>Surrogate</i>            | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|-----------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 2,4,6-Tribromophenol (Surr) | 0                | S1-              | 26 - 136      | 11/13/25 11:44  | 11/18/25 03:45  | 100            |
| 2-Fluorobiphenyl            | 74               |                  | 39 - 130      | 11/13/25 11:44  | 11/18/25 03:45  | 100            |
| 2-Fluorophenol (Surr)       | 41               |                  | 19 - 120      | 11/13/25 11:44  | 11/18/25 03:45  | 100            |
| Nitrobenzene-d5 (Surr)      | 47               | I                | 32 - 133      | 11/13/25 11:44  | 11/18/25 03:45  | 100            |
| Phenol-d5 (Surr)            | 24               | I                | 8 - 124       | 11/13/25 11:44  | 11/18/25 03:45  | 100            |
| p-Terphenyl-d14             | 0                | S1-              | 28 - 130      | 11/13/25 11:44  | 11/18/25 03:45  | 100            |

# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|---------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                     |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 560-129512-A-4 MS   | Matrix Spike           | 97                                             | 94              | 114              | 105             |
| 860-115960-B-3 MS   | Matrix Spike           | 95                                             | 103             | 123              | 99              |
| 860-116038-1        | MW-34SR                | 110                                            | 100             | 101              | 100             |
| 860-116038-2        | MW-34DR                | 109                                            | 99              | 100              | 100             |
| 860-116038-3        | MW-32S                 | 110                                            | 98              | 101              | 100             |
| 860-116038-4        | MW-32D                 | 114                                            | 98              | 101              | 103             |
| 860-116038-5        | MW-30S                 | 111                                            | 99              | 100              | 101             |
| 860-116038-6        | MW-30D                 | 112                                            | 101             | 102              | 101             |
| 860-116038-7        | MW-29S                 | 111                                            | 100             | 102              | 101             |
| 860-116038-7 - DL   | MW-29S                 | 99                                             | 90              | 118              | 106             |
| 860-116038-8        | MW-29D                 | 114                                            | 100             | 101              | 100             |
| 860-116038-9        | DUPE-02                | 114                                            | 97              | 101              | 99              |
| 860-116038-10       | TB-05                  | 108                                            | 102             | 101              | 100             |
| 860-116038-11       | MW-33S                 | 111                                            | 96              | 101              | 101             |
| 860-116038-11 MS    | MW-33S                 | 105                                            | 98              | 99               | 100             |
| 860-116038-11 MSD   | MW-33S                 | 104                                            | 98              | 99               | 101             |
| 860-116038-12       | MW-33D                 | 105                                            | 101             | 129              | 102             |
| LCS 860-275140/1013 | Lab Control Sample     | 101                                            | 100             | 99               | 99              |
| LCS 860-275382/3    | Lab Control Sample     | 104                                            | 97              | 98               | 102             |
| LCS 860-275621/3    | Lab Control Sample     | 98                                             | 103             | 123              | 100             |
| LCS 860-275625/3    | Lab Control Sample     | 97                                             | 99              | 113              | 106             |
| LCSD 860-275140/14  | Lab Control Sample Dup | 100                                            | 100             | 97               | 100             |
| LCSD 860-275382/4   | Lab Control Sample Dup | 103                                            | 98              | 100              | 102             |
| LCSD 860-275621/4   | Lab Control Sample Dup | 96                                             | 103             | 123              | 100             |
| LCSD 860-275625/4   | Lab Control Sample Dup | 103                                            | 93              | 117              | 102             |
| MB 860-275140/19    | Method Blank           | 107                                            | 104             | 100              | 102             |
| MB 860-275382/10    | Method Blank           | 113                                            | 99              | 99               | 101             |
| MB 860-275621/9     | Method Blank           | 104                                            | 104             | 124              | 104             |
| MB 860-275625/7     | Method Blank           | 96                                             | 90              | 120              | 106             |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-------------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                   |                  | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116038-1      | MW-34SR          | 59                                             | 73              | 46              | 68              | 26             | 71                 |
| 860-116038-1      | MW-34SR          | 69                                             | 66              | 42              | 70              | 22             | 73                 |
| 860-116038-2      | MW-34DR          | 63                                             | 75              | 45              | 67              | 27             | 75                 |
| 860-116038-2 - DL | MW-34DR          | 90                                             | 103             | 54              | 83              | 25             | 87                 |
| 860-116038-2      | MW-34DR          | 74                                             | 68              | 38              | 75              | 22             | 73                 |
| 860-116038-2 - DL | MW-34DR          | 0 S1-                                          | 122             | 62              | 89              | 55             | 0 S1-              |
| 860-116038-3      | MW-32S           | 60                                             | 75              | 47              | 67              | 25             | 64                 |
| 860-116038-3      | MW-32S           | 72                                             | 67              | 42              | 74              | 22             | 63                 |

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# Surrogate Summary

Client: Arcadis US Inc.

Job ID: 860-116038-1

Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID          | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                        |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116038-4           | MW-32D                 | 61                                             | 77              | 37              | 71              | 18             | 68                 |
| 860-116038-4           | MW-32D                 | 72                                             | 70              | 34              | 76              | 16             | 65                 |
| 860-116038-5           | MW-30S                 | 56                                             | 66              | 45              | 61              | 26             | 62                 |
| 860-116038-5           | MW-30S                 | 65                                             | 60              | 41              | 67              | 22             | 61                 |
| 860-116038-6           | MW-30D                 | 48                                             | 59              | 31              | 53              | 19             | 55                 |
| 860-116038-6 - DL      | MW-30D                 | 77                                             | 74              | 40              | 67              | 16             | 74                 |
| 860-116038-6           | MW-30D                 | 55                                             | 52              | 29              | 60              | 15             | 54                 |
| 860-116038-7           | MW-29S                 | 48                                             | 59              | 32              | 51              | 17             | 51                 |
| 860-116038-7           | MW-29S                 | 56                                             | 52              | 29              | 59              | 16             | 52                 |
| 860-116038-8           | MW-29D                 | 55                                             | 62              | 47              | 58              | 31             | 63                 |
| 860-116038-8           | MW-29D                 | 67                                             | 57              | 39              | 66              | 26             | 61                 |
| 860-116038-8           | MW-29D                 | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 0 S1-              |
| 860-116038-9           | DUPE-02                | 56                                             | 62              | 29              | 56              | 15             | 59                 |
| 860-116038-9           | DUPE-02                | 65                                             | 55              | 24              | 67              | 13             | 56                 |
| 860-116038-9           | DUPE-02                | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 0 S1-              |
| 860-116038-11          | MW-33S                 | 50                                             | 57              | 37              | 54              | 20             | 46                 |
| 860-116038-11 - DL     | MW-33S                 | 95 I                                           | 57              | 34              | 56              | 16             | 48                 |
| 860-116038-11          | MW-33S                 | 56                                             | 50              | 32              | 62              | 19             | 43                 |
| 860-116038-11 - RE     | MW-33S                 | 99                                             | 90              | 40              | 85              | 24             | 83                 |
| 860-116038-11 MS       | MW-33S                 | 33                                             | 35 S1-          | 27              | 37              | 18             | 37                 |
| 860-116038-11 MS       | MW-33S                 | 39                                             | 32 S1-          | 21              | 42              | 16             | 36                 |
| 860-116038-11 MS - DL  | MW-33S                 | 16 S1-                                         | 46              | 28              | 46              | 23             | 45                 |
| 860-116038-11 MS - RE  | MW-33S                 | 122                                            | 102             | 38              | 98              | 22             | 97                 |
| 860-116038-11 MS       | MW-33S                 | 52                                             | 86              | 34              | 98              | 16             | 125                |
| 860-116038-11 MSD      | MW-33S                 | 41                                             | 39              | 35              | 42              | 25             | 43                 |
| 860-116038-11 MSD      | MW-33S                 | 46                                             | 35 S1-          | 28              | 47              | 22             | 41                 |
| 860-116038-11 MSD - DL | MW-33S                 | 27                                             | 47              | 34              | 47              | 22             | 43                 |
| 860-116038-11 MSD - RE | MW-33S                 | 119                                            | 100             | 40              | 103             | 22             | 89                 |
| 860-116038-11 MSD      | MW-33S                 | 36                                             | 62              | 69              | 90              | 40             | 107                |
| 860-116038-12          | MW-33D                 | 68                                             | 67              | 47              | 72              | 28             | 77                 |
| 860-116038-12 - DL     | MW-33D                 | 0 S1-                                          | 74              | 41              | 47 I            | 24 I           | 0 S1-              |
| 860-116038-12          | MW-33D                 | 75                                             | 58              | 35              | 80              | 24             | 66                 |
| 860-116038-12          | MW-33D                 | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 0 S1-              |
| LCS 860-275601/2-A     | Lab Control Sample     | 77                                             | 75              | 71              | 74              | 67             | 70                 |
| LCS 860-275601/2-A     | Lab Control Sample     | 75                                             | 66              | 70              | 69              | 66             | 66                 |
| LCS 860-275601/4-A     | Lab Control Sample     | 66                                             | 67              | 63              | 64              | 58             | 63                 |
| LCS 860-277294/2-A     | Lab Control Sample     | 77                                             | 76              | 74              | 80              | 69             | 84                 |
| LCS 860-277294/4-A     | Lab Control Sample     | 71                                             | 84              | 81              | 90              | 73             | 73                 |
| LCSD 860-275601/3-A    | Lab Control Sample Dup | 76                                             | 74              | 71              | 74              | 66             | 69                 |
| LCSD 860-275601/3-A    | Lab Control Sample Dup | 74                                             | 65              | 71              | 69              | 69             | 65                 |
| LCSD 860-275601/5-A    | Lab Control Sample Dup | 63                                             | 65              | 66              | 68              | 61             | 60                 |
| LCSD 860-277294/3-A    | Lab Control Sample Dup | 72                                             | 77              | 71              | 80              | 62             | 77                 |
| LCSD 860-277294/5-A    | Lab Control Sample Dup | 74                                             | 88              | 84              | 91              | 75             | 83                 |
| MB 860-275601/1-A      | Method Blank           | 62                                             | 68              | 72              | 75              | 63             | 63                 |
| MB 860-275601/1-A      | Method Blank           | 60                                             | 62              | 74              | 69              | 63             | 65                 |
| MB 860-277294/1-A      | Method Blank           | 58                                             | 77              | 75              | 82              | 62             | 76                 |
| MB 860-277294/1-A      | Method Blank           | 65                                             | 72              | 96              | 68              | 85             | 74                 |
| MB 860-278273/1-A      | Method Blank           | 55                                             | 71              | 65              | 65              | 48             | 70                 |

Surrogate Legend

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# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14

Job ID: 860-116038-1

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-275140/19

Matrix: Water

Analysis Batch: 275140

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/12/25 20:14 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/12/25 20:14 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/12/25 20:14 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/12/25 20:14 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/12/25 20:14 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/12/25 20:14 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/12/25 20:14 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/12/25 20:14 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/12/25 20:14 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/12/25 20:14 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275140/19

Matrix: Water

Analysis Batch: 275140

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/12/25 20:14 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/12/25 20:14 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/12/25 20:14 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/12/25 20:14 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/12/25 20:14 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/12/25 20:14 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/12/25 20:14 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/12/25 20:14 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/12/25 20:14 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/12/25 20:14 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/12/25 20:14 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/12/25 20:14 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 107          |              | 63 - 144 |          | 11/12/25 20:14 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104          |              | 74 - 124 |          | 11/12/25 20:14 | 1       |
| Dibromofluoromethane (Surr)  | 100          |              | 75 - 131 |          | 11/12/25 20:14 | 1       |
| Toluene-d8 (Surr)            | 102          |              | 80 - 120 |          | 11/12/25 20:14 | 1       |

Lab Sample ID: LCS 860-275140/1013

Matrix: Water

Analysis Batch: 275140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 48.02      |               | ug/L |   | 96   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 47.53      |               | ug/L |   | 95   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 46.80      |               | ug/L |   | 94   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 45.15      |               | ug/L |   | 90   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 47.54      |               | ug/L |   | 95   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 49.10      |               | ug/L |   | 98   | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 45.25      |               | ug/L |   | 90   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 47.53      |               | ug/L |   | 95   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 47.17      |               | ug/L |   | 94   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 45.96      |               | ug/L |   | 92   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 47.62      |               | ug/L |   | 95   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 50.05      |               | ug/L |   | 100  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 47.86      |               | ug/L |   | 96   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 46.56      |               | ug/L |   | 93   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 49.66      |               | ug/L |   | 99   | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275140/1013

Matrix: Water

Analysis Batch: 275140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 45.59      |               | ug/L |   | 91   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 238.3      |               | ug/L |   | 95   | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 250.6      |               | ug/L |   | 100  | 60 - 140    |
| 2-Propanol                       | 500         | 516.1      |               | ug/L |   | 103  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 45.39      |               | ug/L |   | 91   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 251.8      |               | ug/L |   | 101  | 60 - 140    |
| Acetone                          | 250         | 242.3      |               | ug/L |   | 97   | 60 - 140    |
| Acetonitrile                     | 500         | 516.3      |               | ug/L |   | 103  | 60 - 140    |
| Acrolein                         | 250         | 234.7      |               | ug/L |   | 94   | 60 - 140    |
| Acrylonitrile                    | 500         | 516.6      |               | ug/L |   | 103  | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 41.39      |               | ug/L |   | 83   | 70 - 130    |
| Benzene                          | 50.0        | 47.56      |               | ug/L |   | 95   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 48.87      |               | ug/L |   | 98   | 65 - 135    |
| Bromoform                        | 50.0        | 47.96      |               | ug/L |   | 96   | 70 - 130    |
| Bromomethane                     | 50.0        | 57.22      |               | ug/L |   | 114  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 45.63      |               | ug/L |   | 91   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 49.54      |               | ug/L |   | 99   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 47.64      |               | ug/L |   | 95   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 47.03      |               | ug/L |   | 94   | 70 - 130    |
| Chloroethane                     | 50.0        | 53.83      |               | ug/L |   | 108  | 60 - 140    |
| Chloroform                       | 50.0        | 49.09      |               | ug/L |   | 98   | 70 - 130    |
| Chloromethane                    | 50.0        | 48.58      |               | ug/L |   | 97   | 60 - 140    |
| Chloroprene                      | 50.0        | 49.41      |               | ug/L |   | 99   | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 47.87      |               | ug/L |   | 96   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 48.12      |               | ug/L |   | 96   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 47.83      |               | ug/L |   | 96   | 70 - 130    |
| Cyclohexane                      | 50.0        | 46.28      |               | ug/L |   | 93   | 65 - 130    |
| Dibromomethane                   | 50.0        | 49.00      |               | ug/L |   | 98   | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 45.16      |               | ug/L |   | 90   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 48.89      |               | ug/L |   | 98   | 70 - 130    |
| Ethylbenzene                     | 50.0        | 47.64      |               | ug/L |   | 95   | 70 - 130    |
| Hexane                           | 50.0        | 46.61      |               | ug/L |   | 93   | 65 - 140    |
| Iodomethane                      | 50.0        | 48.81      |               | ug/L |   | 98   | 50 - 150    |
| Isobutanol                       | 1240        | 1079       |               | ug/L |   | 87   | 60 - 140    |
| Methacrylonitrile                | 500         | 496.1      |               | ug/L |   | 99   | 70 - 130    |
| Methyl methacrylate              | 100         | 99.40      |               | ug/L |   | 99   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 49.85      |               | ug/L |   | 100  | 70 - 135    |
| Methylene Chloride               | 50.0        | 49.49      |               | ug/L |   | 99   | 71 - 125    |
| Propionitrile                    | 500         | 479.7      |               | ug/L |   | 96   | 70 - 130    |
| Propylbenzene                    | 50.0        | 46.52      |               | ug/L |   | 93   | 70 - 130    |
| Styrene                          | 50.0        | 48.70      |               | ug/L |   | 97   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 46.17      |               | ug/L |   | 92   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 87.74      |               | ug/L |   | 88   | 63 - 130    |
| Toluene                          | 50.0        | 47.52      |               | ug/L |   | 95   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 47.90      |               | ug/L |   | 96   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 47.13      |               | ug/L |   | 94   | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 46.50      |               | ug/L |   | 93   | 70 - 130    |
| Trichloroethene                  | 50.0        | 45.85      |               | ug/L |   | 92   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 50.46      |               | ug/L |   | 101  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275140/1013

Matrix: Water

Analysis Batch: 275140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 277.2      |               | ug/L |   | 111  | 50 - 150    |
| Vinyl chloride | 50.0        | 49.50      |               | ug/L |   | 99   | 60 - 140    |
| Xylenes, Total | 100         | 96.26      |               | ug/L |   | 96   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04805    |               | mg/L |   | 96   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04821    |               | mg/L |   | 96   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 100           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 99            |               | 75 - 131 |
| Toluene-d8 (Surr)            | 99            |               | 80 - 120 |

Lab Sample ID: LCSD 860-275140/14

Matrix: Water

Analysis Batch: 275140

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 51.79       |                | ug/L |   | 104  | 70 - 130    | 8   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 50.63       |                | ug/L |   | 101  | 70 - 130    | 6   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 50.18       |                | ug/L |   | 100  | 70 - 130    | 7   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 48.88       |                | ug/L |   | 98   | 60 - 140    | 8   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 50.82       |                | ug/L |   | 102  | 70 - 130    | 7   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 52.51       |                | ug/L |   | 105  | 70 - 130    | 7   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 49.36       |                | ug/L |   | 99   | 67 - 130    | 9   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 52.70       |                | ug/L |   | 105  | 70 - 130    | 10  | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 52.15       |                | ug/L |   | 104  | 70 - 130    | 10  | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 48.96       |                | ug/L |   | 98   | 59 - 130    | 6   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 51.72       |                | ug/L |   | 103  | 70 - 130    | 8   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 53.13       |                | ug/L |   | 106  | 70 - 130    | 6   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 50.40       |                | ug/L |   | 101  | 70 - 130    | 5   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 51.91       |                | ug/L |   | 104  | 70 - 130    | 11  | 25        |
| 1,3-Butadiene                         | 50.0        | 49.43       |                | ug/L |   | 99   | 60 - 150    | 0   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 48.45       |                | ug/L |   | 97   | 70 - 130    | 6   | 25        |
| 2-Butanone (MEK)                      | 250         | 246.1       |                | ug/L |   | 98   | 67 - 140    | 3   | 25        |
| 2-Hexanone (MBK)                      | 250         | 265.2       |                | ug/L |   | 106  | 60 - 140    | 6   | 25        |
| 2-Propanol                            | 500         | 520.7       |                | ug/L |   | 104  | 50 - 150    | 1   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 51.63       |                | ug/L |   | 103  | 60 - 130    | 13  | 25        |
| 4-Methyl-2-pentanone                  | 250         | 258.9       |                | ug/L |   | 104  | 60 - 140    | 3   | 25        |
| Acetone                               | 250         | 240.0       |                | ug/L |   | 96   | 60 - 140    | 1   | 25        |
| Acetonitrile                          | 500         | 517.1       |                | ug/L |   | 103  | 60 - 140    | 0   | 25        |
| Acrolein                              | 250         | 251.1       |                | ug/L |   | 100  | 60 - 140    | 7   | 25        |
| Acrylonitrile                         | 500         | 525.9       |                | ug/L |   | 105  | 60 - 140    | 2   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 45.08       |                | ug/L |   | 90   | 70 - 130    | 9   | 25        |
| Benzene                               | 50.0        | 50.34       |                | ug/L |   | 101  | 70 - 130    | 6   | 25        |
| Bromodichloromethane                  | 50.0        | 51.21       |                | ug/L |   | 102  | 65 - 135    | 5   | 25        |
| Bromoform                             | 50.0        | 50.32       |                | ug/L |   | 101  | 70 - 130    | 5   | 25        |
| Bromomethane                          | 50.0        | 57.95       |                | ug/L |   | 116  | 49 - 140    | 1   | 25        |
| Carbon disulfide                      | 50.0        | 49.68       |                | ug/L |   | 99   | 60 - 130    | 9   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275140/14

Matrix: Water

Analysis Batch: 275140

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 53.24       |                | ug/L |   | 106  | 70 - 130    | 7   | 25        |
| Chlorobenzene               | 50.0        | 51.46       |                | ug/L |   | 103  | 65 - 135    | 8   | 25        |
| Chlorodibromomethane        | 50.0        | 50.28       |                | ug/L |   | 101  | 70 - 130    | 7   | 25        |
| Chloroethane                | 50.0        | 51.50       |                | ug/L |   | 103  | 60 - 140    | 4   | 25        |
| Chloroform                  | 50.0        | 51.08       |                | ug/L |   | 102  | 70 - 130    | 4   | 25        |
| Chloromethane               | 50.0        | 47.74       |                | ug/L |   | 95   | 60 - 140    | 2   | 25        |
| Chloroprene                 | 50.0        | 52.90       |                | ug/L |   | 106  | 70 - 130    | 7   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 50.23       |                | ug/L |   | 100  | 70 - 130    | 5   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 50.88       |                | ug/L |   | 102  | 70 - 130    | 6   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 51.66       |                | ug/L |   | 103  | 70 - 130    | 8   | 25        |
| Cyclohexane                 | 50.0        | 49.42       |                | ug/L |   | 99   | 65 - 130    | 7   | 25        |
| Dibromomethane              | 50.0        | 50.14       |                | ug/L |   | 100  | 69 - 130    | 2   | 25        |
| Dichlorodifluoromethane     | 50.0        | 45.46       |                | ug/L |   | 91   | 50 - 150    | 1   | 25        |
| Ethyl methacrylate          | 50.0        | 51.55       |                | ug/L |   | 103  | 70 - 130    | 5   | 25        |
| Ethylbenzene                | 50.0        | 51.88       |                | ug/L |   | 104  | 70 - 130    | 9   | 25        |
| Hexane                      | 50.0        | 49.30       |                | ug/L |   | 99   | 65 - 140    | 6   | 25        |
| Iodomethane                 | 50.0        | 51.67       |                | ug/L |   | 103  | 50 - 150    | 6   | 25        |
| Isobutanol                  | 1240        | 1139        |                | ug/L |   | 92   | 60 - 140    | 5   | 25        |
| Methacrylonitrile           | 500         | 515.4       |                | ug/L |   | 103  | 70 - 130    | 4   | 25        |
| Methyl methacrylate         | 100         | 103.1       |                | ug/L |   | 103  | 70 - 130    | 4   | 25        |
| Methyl tert-butyl ether     | 50.0        | 51.87       |                | ug/L |   | 104  | 70 - 135    | 4   | 25        |
| Methylene Chloride          | 50.0        | 52.62       |                | ug/L |   | 105  | 71 - 125    | 6   | 25        |
| Propionitrile               | 500         | 495.5       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| Propylbenzene               | 50.0        | 51.52       |                | ug/L |   | 103  | 70 - 130    | 10  | 25        |
| Styrene                     | 50.0        | 52.90       |                | ug/L |   | 106  | 70 - 130    | 8   | 25        |
| Tetrachloroethene           | 50.0        | 50.40       |                | ug/L |   | 101  | 70 - 130    | 9   | 25        |
| Tetrahydrofuran             | 100         | 91.20       |                | ug/L |   | 91   | 63 - 130    | 4   | 25        |
| Toluene                     | 50.0        | 51.56       |                | ug/L |   | 103  | 70 - 130    | 8   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 52.06       |                | ug/L |   | 104  | 70 - 130    | 8   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 50.98       |                | ug/L |   | 102  | 70 - 130    | 8   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 49.79       |                | ug/L |   | 100  | 70 - 130    | 7   | 25        |
| Trichloroethene             | 50.0        | 50.10       |                | ug/L |   | 100  | 70 - 135    | 9   | 25        |
| Trichlorofluoromethane      | 50.0        | 48.14       |                | ug/L |   | 96   | 60 - 140    | 5   | 25        |
| Vinyl acetate               | 250         | 286.1       |                | ug/L |   | 114  | 50 - 150    | 3   | 25        |
| Vinyl chloride              | 50.0        | 49.89       |                | ug/L |   | 100  | 60 - 140    | 1   | 25        |
| Xylenes, Total              | 100         | 104.7       |                | ug/L |   | 105  | 70 - 130    | 8   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05255     |                | mg/L |   | 105  | 70 - 130    | 9   | 25        |
| o-Xylene                    | 0.0500      | 0.05217     |                | mg/L |   | 104  | 70 - 130    | 8   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 100            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 97             |                | 75 - 131 |
| Toluene-d8 (Surr)            | 100            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275382/10

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/13/25 06:29 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/13/25 06:29 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/13/25 06:29 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/13/25 06:29 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/13/25 06:29 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/13/25 06:29 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/13/25 06:29 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/13/25 06:29 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275382/10

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/13/25 06:29 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/13/25 06:29 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/13/25 06:29 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/13/25 06:29 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/13/25 06:29 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/13/25 06:29 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 06:29 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 06:29 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113          |              | 63 - 144 |          | 11/13/25 06:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99           |              | 74 - 124 |          | 11/13/25 06:29 | 1       |
| Dibromofluoromethane (Surr)  | 99           |              | 75 - 131 |          | 11/13/25 06:29 | 1       |
| Toluene-d8 (Surr)            | 101          |              | 80 - 120 |          | 11/13/25 06:29 | 1       |

Lab Sample ID: LCS 860-275382/3

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.77      |               | ug/L |   | 96   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 46.38      |               | ug/L |   | 93   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 44.61      |               | ug/L |   | 89   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 43.41      |               | ug/L |   | 87   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 48.90      |               | ug/L |   | 98   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 51.39      |               | ug/L |   | 103  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 46.53      |               | ug/L |   | 93   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 53.22      |               | ug/L |   | 106  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 48.40      |               | ug/L |   | 97   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 49.36      |               | ug/L |   | 99   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 50.26      |               | ug/L |   | 101  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 53.26      |               | ug/L |   | 107  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 46.74      |               | ug/L |   | 93   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.87      |               | ug/L |   | 96   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 47.62      |               | ug/L |   | 95   | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275382/3

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 42.31      |               | ug/L |   | 85   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 256.4      |               | ug/L |   | 103  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 283.6      |               | ug/L |   | 113  | 60 - 140    |
| 2-Propanol                       | 500         | 535.9      |               | ug/L |   | 107  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 47.19      |               | ug/L |   | 94   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 271.5      |               | ug/L |   | 109  | 60 - 140    |
| Acetone                          | 250         | 297.6      |               | ug/L |   | 119  | 60 - 140    |
| Acetonitrile                     | 500         | 577.1      |               | ug/L |   | 115  | 60 - 140    |
| Acrolein                         | 250         | 245.6      |               | ug/L |   | 98   | 60 - 140    |
| Acrylonitrile                    | 500         | 556.1      |               | ug/L |   | 111  | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 37.13      |               | ug/L |   | 74   | 70 - 130    |
| Benzene                          | 50.0        | 45.81      |               | ug/L |   | 92   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 47.99      |               | ug/L |   | 96   | 65 - 135    |
| Bromoform                        | 50.0        | 48.27      |               | ug/L |   | 97   | 70 - 130    |
| Bromomethane                     | 50.0        | 58.22      |               | ug/L |   | 116  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 44.97      |               | ug/L |   | 90   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 47.83      |               | ug/L |   | 96   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 47.61      |               | ug/L |   | 95   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 47.74      |               | ug/L |   | 95   | 70 - 130    |
| Chloroethane                     | 50.0        | 51.04      |               | ug/L |   | 102  | 60 - 140    |
| Chloroform                       | 50.0        | 48.29      |               | ug/L |   | 97   | 70 - 130    |
| Chloromethane                    | 50.0        | 45.87      |               | ug/L |   | 92   | 60 - 140    |
| Chloroprene                      | 50.0        | 52.20      |               | ug/L |   | 104  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 46.33      |               | ug/L |   | 93   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 46.63      |               | ug/L |   | 93   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 47.97      |               | ug/L |   | 96   | 70 - 130    |
| Cyclohexane                      | 50.0        | 42.28      |               | ug/L |   | 85   | 65 - 130    |
| Dibromomethane                   | 50.0        | 48.76      |               | ug/L |   | 98   | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 39.86      |               | ug/L |   | 80   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 50.58      |               | ug/L |   | 101  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 47.76      |               | ug/L |   | 96   | 70 - 130    |
| Hexane                           | 50.0        | 45.08      |               | ug/L |   | 90   | 65 - 140    |
| Iodomethane                      | 50.0        | 48.06      |               | ug/L |   | 96   | 50 - 150    |
| Isobutanol                       | 1240        | 1208       |               | ug/L |   | 97   | 60 - 140    |
| Methacrylonitrile                | 500         | 518.7      |               | ug/L |   | 104  | 70 - 130    |
| Methyl methacrylate              | 100         | 102.4      |               | ug/L |   | 102  | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 53.27      |               | ug/L |   | 107  | 70 - 135    |
| Methylene Chloride               | 50.0        | 50.76      |               | ug/L |   | 102  | 71 - 125    |
| Propionitrile                    | 500         | 511.1      |               | ug/L |   | 102  | 70 - 130    |
| Propylbenzene                    | 50.0        | 46.85      |               | ug/L |   | 94   | 70 - 130    |
| Styrene                          | 50.0        | 48.81      |               | ug/L |   | 98   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 45.74      |               | ug/L |   | 91   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 94.24      |               | ug/L |   | 94   | 63 - 130    |
| Toluene                          | 50.0        | 47.26      |               | ug/L |   | 95   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 49.79      |               | ug/L |   | 100  | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 47.42      |               | ug/L |   | 95   | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 50.74      |               | ug/L |   | 101  | 70 - 130    |
| Trichloroethene                  | 50.0        | 49.20      |               | ug/L |   | 98   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 49.32      |               | ug/L |   | 99   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275382/3

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 156.8      |               | ug/L |   | 63   | 50 - 150    |
| Vinyl chloride | 50.0        | 48.52      |               | ug/L |   | 97   | 60 - 140    |
| Xylenes, Total | 100         | 96.28      |               | ug/L |   | 96   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04829    |               | mg/L |   | 97   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04799    |               | mg/L |   | 96   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 104           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 98            |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-275382/4

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.85       |                | ug/L |   | 96   | 70 - 130    | 0   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 49.08       |                | ug/L |   | 98   | 70 - 130    | 6   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 41.76       |                | ug/L |   | 84   | 70 - 130    | 7   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 43.17       |                | ug/L |   | 86   | 60 - 140    | 1   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 47.82       |                | ug/L |   | 96   | 70 - 130    | 2   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 51.21       |                | ug/L |   | 102  | 70 - 130    | 0   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 48.77       |                | ug/L |   | 98   | 67 - 130    | 5   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 47.62       |                | ug/L |   | 95   | 70 - 130    | 11  | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 47.40       |                | ug/L |   | 95   | 70 - 130    | 2   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 45.44       |                | ug/L |   | 91   | 59 - 130    | 8   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 48.38       |                | ug/L |   | 97   | 70 - 130    | 4   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 52.70       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 46.94       |                | ug/L |   | 94   | 70 - 130    | 0   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.14       |                | ug/L |   | 94   | 70 - 130    | 2   | 25        |
| 1,3-Butadiene                         | 50.0        | 46.74       |                | ug/L |   | 93   | 60 - 150    | 2   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 40.17       |                | ug/L |   | 80   | 70 - 130    | 5   | 25        |
| 2-Butanone (MEK)                      | 250         | 238.7       |                | ug/L |   | 95   | 67 - 140    | 7   | 25        |
| 2-Hexanone (MBK)                      | 250         | 267.5       |                | ug/L |   | 107  | 60 - 140    | 6   | 25        |
| 2-Propanol                            | 500         | 535.2       |                | ug/L |   | 107  | 50 - 150    | 0   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 50.66       |                | ug/L |   | 101  | 60 - 130    | 7   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 257.4       |                | ug/L |   | 103  | 60 - 140    | 5   | 25        |
| Acetone                               | 250         | 281.9       |                | ug/L |   | 113  | 60 - 140    | 5   | 25        |
| Acetonitrile                          | 500         | 542.0       |                | ug/L |   | 108  | 60 - 140    | 6   | 25        |
| Acrolein                              | 250         | 226.5       |                | ug/L |   | 91   | 60 - 140    | 8   | 25        |
| Acrylonitrile                         | 500         | 548.2       |                | ug/L |   | 110  | 60 - 140    | 1   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 35.83       |                | ug/L |   | 72   | 70 - 130    | 4   | 25        |
| Benzene                               | 50.0        | 47.14       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| Bromodichloromethane                  | 50.0        | 48.15       |                | ug/L |   | 96   | 65 - 135    | 0   | 25        |
| Bromoform                             | 50.0        | 46.66       |                | ug/L |   | 93   | 70 - 130    | 3   | 25        |
| Bromomethane                          | 50.0        | 58.04       |                | ug/L |   | 116  | 49 - 140    | 0   | 25        |
| Carbon disulfide                      | 50.0        | 47.29       |                | ug/L |   | 95   | 60 - 130    | 5   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275382/4

Matrix: Water

Analysis Batch: 275382

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 49.30       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| Chlorobenzene               | 50.0        | 48.33       |                | ug/L |   | 97   | 65 - 135    | 1   | 25        |
| Chlorodibromomethane        | 50.0        | 47.11       |                | ug/L |   | 94   | 70 - 130    | 1   | 25        |
| Chloroethane                | 50.0        | 52.02       |                | ug/L |   | 104  | 60 - 140    | 2   | 25        |
| Chloroform                  | 50.0        | 49.56       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| Chloromethane               | 50.0        | 44.71       |                | ug/L |   | 89   | 60 - 140    | 3   | 25        |
| Chloroprene                 | 50.0        | 54.69       |                | ug/L |   | 109  | 70 - 130    | 5   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 47.58       |                | ug/L |   | 95   | 70 - 130    | 3   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 46.91       |                | ug/L |   | 94   | 70 - 130    | 1   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 48.60       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| Cyclohexane                 | 50.0        | 43.27       |                | ug/L |   | 87   | 65 - 130    | 2   | 25        |
| Dibromomethane              | 50.0        | 48.84       |                | ug/L |   | 98   | 69 - 130    | 0   | 25        |
| Dichlorodifluoromethane     | 50.0        | 39.17       |                | ug/L |   | 78   | 50 - 150    | 2   | 25        |
| Ethyl methacrylate          | 50.0        | 48.34       |                | ug/L |   | 97   | 70 - 130    | 5   | 25        |
| Ethylbenzene                | 50.0        | 48.44       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| Hexane                      | 50.0        | 43.87       |                | ug/L |   | 88   | 65 - 140    | 3   | 25        |
| Iodomethane                 | 50.0        | 51.14       |                | ug/L |   | 102  | 50 - 150    | 6   | 25        |
| Isobutanol                  | 1240        | 1140        |                | ug/L |   | 92   | 60 - 140    | 6   | 25        |
| Methacrylonitrile           | 500         | 497.5       |                | ug/L |   | 99   | 70 - 130    | 4   | 25        |
| Methyl methacrylate         | 100         | 98.33       |                | ug/L |   | 98   | 70 - 130    | 4   | 25        |
| Methyl tert-butyl ether     | 50.0        | 52.62       |                | ug/L |   | 105  | 70 - 135    | 1   | 25        |
| Methylene Chloride          | 50.0        | 51.69       |                | ug/L |   | 103  | 71 - 125    | 2   | 25        |
| Propionitrile               | 500         | 488.3       |                | ug/L |   | 98   | 70 - 130    | 5   | 25        |
| Propylbenzene               | 50.0        | 46.31       |                | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| Styrene                     | 50.0        | 49.27       |                | ug/L |   | 99   | 70 - 130    | 1   | 25        |
| Tetrachloroethene           | 50.0        | 46.28       |                | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| Tetrahydrofuran             | 100         | 87.93       |                | ug/L |   | 88   | 63 - 130    | 7   | 25        |
| Toluene                     | 50.0        | 47.93       |                | ug/L |   | 96   | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 50.69       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 46.56       |                | ug/L |   | 93   | 70 - 130    | 2   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 46.57       |                | ug/L |   | 93   | 70 - 130    | 9   | 25        |
| Trichloroethene             | 50.0        | 51.14       |                | ug/L |   | 102  | 70 - 135    | 4   | 25        |
| Trichlorofluoromethane      | 50.0        | 47.24       |                | ug/L |   | 94   | 60 - 140    | 4   | 25        |
| Vinyl acetate               | 250         | 145.5       |                | ug/L |   | 58   | 50 - 150    | 8   | 25        |
| Vinyl chloride              | 50.0        | 46.71       |                | ug/L |   | 93   | 60 - 140    | 4   | 25        |
| Xylenes, Total              | 100         | 97.62       |                | ug/L |   | 98   | 70 - 130    | 1   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.04907     |                | mg/L |   | 98   | 70 - 130    | 2   | 25        |
| o-Xylene                    | 0.0500      | 0.04855     |                | mg/L |   | 97   | 70 - 130    | 1   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 275382

Client Sample ID: MW-33S

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 51.56     |              | ug/L |   | 103  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 51.47     |              | ug/L |   | 103  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 51.52     |              | ug/L |   | 103  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 45.43     |              | ug/L |   | 91   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 51.59     |              | ug/L |   | 103  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 54.21     |              | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 51.23     |              | ug/L |   | 102  | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 52.56     |              | ug/L |   | 105  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 51.07     |              | ug/L |   | 102  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 49.53     |              | ug/L |   | 99   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 51.52     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 56.03     |              | ug/L |   | 112  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 50.24     |              | ug/L |   | 100  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 50.81     |              | ug/L |   | 102  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 48.06     |              | ug/L |   | 96   | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 40.68     |              | ug/L |   | 81   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 251.6     |              | ug/L |   | 101  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 283.2     |              | ug/L |   | 113  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 561.1     |              | ug/L |   | 112  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 49.42     |              | ug/L |   | 99   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 277.6     |              | ug/L |   | 111  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 295.6     |              | ug/L |   | 118  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 582.6     |              | ug/L |   | 117  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 256.2     |              | ug/L |   | 102  | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 578.8     |              | ug/L |   | 116  | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U F1             | 50.0        | 34.10     | F1           | ug/L |   | 68   | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 50.65     |              | ug/L |   | 101  | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 51.44     |              | ug/L |   | 103  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 49.04     |              | ug/L |   | 98   | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 58.71     |              | ug/L |   | 117  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 51.70     |              | ug/L |   | 103  | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 52.47     |              | ug/L |   | 105  | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 51.48     |              | ug/L |   | 103  | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 49.67     |              | ug/L |   | 99   | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 53.80     |              | ug/L |   | 108  | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 53.09     |              | ug/L |   | 106  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 48.26     |              | ug/L |   | 97   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 58.48     |              | ug/L |   | 117  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 50.67     |              | ug/L |   | 101  | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 49.90     |              | ug/L |   | 100  | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 51.65     |              | ug/L |   | 103  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 45.46     |              | ug/L |   | 91   | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 52.12     |              | ug/L |   | 104  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 43.65     |              | ug/L |   | 87   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U                | 50.0        | 52.15     |              | ug/L |   | 104  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 51.18     |              | ug/L |   | 102  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 44.83     |              | ug/L |   | 90   | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 54.28     |              | ug/L |   | 109  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 275382

Client Sample ID: MW-33S

Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                   | <17.1         | U                | 1240        | 1356      |              | ug/L |   | 109  | 60 - 140    |
| Methacrylonitrile            | <2.72         | U                | 500         | 526.0     |              | ug/L |   | 105  | 70 - 130    |
| Methyl methacrylate          | <2.25         | U                | 100         | 105.7     |              | ug/L |   | 106  | 70 - 130    |
| Methyl tert-butyl ether      | <1.39         | U                | 50.0        | 56.46     |              | ug/L |   | 113  | 70 - 135    |
| Methylene Chloride           | <1.73         | U                | 50.0        | 54.22     |              | ug/L |   | 108  | 71 - 125    |
| Propionitrile                | <3.34         | U                | 500         | 516.2     |              | ug/L |   | 103  | 70 - 130    |
| Propylbenzene                | <0.429        | U                | 50.0        | 49.72     |              | ug/L |   | 99   | 70 - 130    |
| Styrene                      | <0.619        | U                | 50.0        | 52.30     |              | ug/L |   | 105  | 70 - 130    |
| Tetrachloroethene            | <0.655        | U                | 50.0        | 49.48     |              | ug/L |   | 99   | 70 - 130    |
| Tetrahydrofuran              | <1.83         | U                | 100         | 100.5     |              | ug/L |   | 100  | 63 - 130    |
| Toluene                      | <0.475        | U                | 50.0        | 51.23     |              | ug/L |   | 102  | 70 - 130    |
| trans-1,2-Dichloroethene     | <0.368        | U                | 50.0        | 54.77     |              | ug/L |   | 110  | 70 - 130    |
| trans-1,3-Dichloropropene    | <1.27         | U                | 50.0        | 49.09     |              | ug/L |   | 98   | 70 - 130    |
| trans-1,4-Dichloro-2-butene  | <1.35         | U                | 50.0        | 48.46     |              | ug/L |   | 97   | 70 - 130    |
| Trichloroethene              | <1.50         | U                | 50.0        | 49.81     |              | ug/L |   | 100  | 70 - 135    |
| Trichlorofluoromethane       | <0.560        | U                | 50.0        | 51.16     |              | ug/L |   | 102  | 60 - 140    |
| Vinyl acetate                | <2.14         | U                | 250         | 313.9     |              | ug/L |   | 126  | 50 - 150    |
| Vinyl chloride               | <0.428        | U                | 50.0        | 50.46     |              | ug/L |   | 101  | 60 - 140    |
| Xylenes, Total               | <1.24         | U                | 100         | 104.3     |              | ug/L |   | 104  | 70 - 130    |
| m,p-Xylenes                  | <0.00124      | U                | 0.0500      | 0.05230   |              | mg/L |   | 105  | 70 - 130    |
| o-Xylene                     | <0.000502     | U                | 0.0500      | 0.05203   |              | mg/L |   | 104  | 70 - 130    |
| Surrogate                    | MS %Recovery  | MS Qualifier     | Limits      |           |              |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 105           |                  | 63 - 144    |           |              |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 98            |                  | 74 - 124    |           |              |      |   |      |             |
| Dibromofluoromethane (Surr)  | 99            |                  | 75 - 131    |           |              |      |   |      |             |
| Toluene-d8 (Surr)            | 100           |                  | 80 - 120    |           |              |      |   |      |             |

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 275382

Client Sample ID: MW-33S

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 53.04      |               | ug/L |   | 106  | 70 - 130    | 3   | 25        |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 52.61      |               | ug/L |   | 105  | 70 - 130    | 2   | 25        |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 53.66      |               | ug/L |   | 107  | 70 - 130    | 4   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 44.15      |               | ug/L |   | 88   | 60 - 140    | 3   | 25        |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 53.53      |               | ug/L |   | 107  | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 58.22      |               | ug/L |   | 116  | 70 - 130    | 7   | 25        |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 55.22      |               | ug/L |   | 110  | 67 - 130    | 7   | 25        |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 54.99      |               | ug/L |   | 110  | 70 - 130    | 5   | 25        |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 53.84      |               | ug/L |   | 108  | 70 - 130    | 5   | 25        |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 52.23      |               | ug/L |   | 104  | 59 - 130    | 5   | 25        |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 53.93      |               | ug/L |   | 108  | 70 - 130    | 5   | 25        |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 57.81      |               | ug/L |   | 116  | 70 - 130    | 3   | 25        |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 52.33      |               | ug/L |   | 105  | 70 - 130    | 4   | 25        |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 53.19      |               | ug/L |   | 106  | 70 - 130    | 5   | 25        |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 50.47      |               | ug/L |   | 101  | 60 - 150    | 5   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 275382

Client Sample ID: MW-33S

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | <0.500        | U                | 50.0        | 39.95      |               | ug/L |   | 80   | 70 - 130    | 2   | 25        |
| 2-Butanone (MEK)                 | <8.28         | U                | 250         | 272.3      |               | ug/L |   | 109  | 67 - 140    | 8   | 25        |
| 2-Hexanone (MBK)                 | <5.00         | U                | 250         | 293.5      |               | ug/L |   | 117  | 60 - 140    | 4   | 25        |
| 2-Propanol                       | <5.23         | U                | 500         | 594.4      |               | ug/L |   | 119  | 50 - 150    | 6   | 25        |
| 3-Chloropropene (Allyl Chloride) | <0.597        | U                | 50.0        | 54.51      |               | ug/L |   | 109  | 60 - 130    | 10  | 25        |
| 4-Methyl-2-pentanone             | <5.00         | U                | 250         | 292.8      |               | ug/L |   | 117  | 60 - 140    | 5   | 25        |
| Acetone                          | <3.07         | U                | 250         | 288.2      |               | ug/L |   | 115  | 60 - 140    | 3   | 25        |
| Acetonitrile                     | <14.6         | U                | 500         | 611.7      |               | ug/L |   | 122  | 60 - 140    | 5   | 25        |
| Acrolein                         | <11.1         | U                | 250         | 291.4      |               | ug/L |   | 117  | 60 - 140    | 13  | 25        |
| Acrylonitrile                    | <14.3         | U                | 500         | 603.0      |               | ug/L |   | 121  | 60 - 140    | 4   | 25        |
| alpha-Chlorotoluene              | <2.26         | U F1             | 50.0        | 34.97      |               | ug/L |   | 70   | 70 - 130    | 3   | 25        |
| Benzene                          | <0.460        | U                | 50.0        | 52.30      |               | ug/L |   | 105  | 70 - 130    | 3   | 25        |
| Bromodichloromethane             | <0.552        | U                | 50.0        | 53.24      |               | ug/L |   | 106  | 65 - 135    | 3   | 25        |
| Bromoform                        | <0.633        | U                | 50.0        | 52.52      |               | ug/L |   | 105  | 70 - 130    | 7   | 25        |
| Bromomethane                     | <1.42         | U                | 50.0        | 60.36      |               | ug/L |   | 121  | 49 - 140    | 3   | 25        |
| Carbon disulfide                 | <1.65         | U                | 50.0        | 53.50      |               | ug/L |   | 107  | 60 - 130    | 3   | 25        |
| Carbon tetrachloride             | <0.896        | U                | 50.0        | 54.46      |               | ug/L |   | 109  | 70 - 130    | 4   | 25        |
| Chlorobenzene                    | <0.455        | U                | 50.0        | 52.97      |               | ug/L |   | 106  | 65 - 135    | 3   | 25        |
| Chlorodibromomethane             | <0.547        | U                | 50.0        | 52.60      |               | ug/L |   | 105  | 70 - 130    | 6   | 25        |
| Chloroethane                     | <1.98         | U                | 50.0        | 56.74      |               | ug/L |   | 113  | 60 - 140    | 5   | 25        |
| Chloroform                       | <0.464        | U                | 50.0        | 54.34      |               | ug/L |   | 109  | 70 - 130    | 2   | 25        |
| Chloromethane                    | <2.04         | U                | 50.0        | 51.60      |               | ug/L |   | 103  | 60 - 140    | 7   | 25        |
| Chloroprene                      | <0.598        | U                | 50.0        | 60.17      |               | ug/L |   | 120  | 70 - 130    | 3   | 25        |
| cis-1,2-Dichloroethene           | <0.457        | U                | 50.0        | 52.00      |               | ug/L |   | 104  | 70 - 130    | 3   | 25        |
| cis-1,3-Dichloropropene          | <1.07         | U                | 50.0        | 50.91      |               | ug/L |   | 102  | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)        | <0.592        | U                | 50.0        | 53.47      |               | ug/L |   | 107  | 70 - 130    | 3   | 25        |
| Cyclohexane                      | <1.29         | U                | 50.0        | 44.68      |               | ug/L |   | 89   | 65 - 130    | 2   | 25        |
| Dibromomethane                   | <0.357        | U                | 50.0        | 54.00      |               | ug/L |   | 108  | 69 - 130    | 4   | 25        |
| Dichlorodifluoromethane          | <0.785        | U                | 50.0        | 42.76      |               | ug/L |   | 86   | 50 - 150    | 2   | 25        |
| Ethyl methacrylate               | <1.12         | U                | 50.0        | 55.12      |               | ug/L |   | 110  | 70 - 130    | 6   | 25        |
| Ethylbenzene                     | <0.385        | U                | 50.0        | 53.59      |               | ug/L |   | 107  | 70 - 130    | 5   | 25        |
| Hexane                           | <0.517        | U                | 50.0        | 43.81      |               | ug/L |   | 88   | 65 - 140    | 2   | 25        |
| Iodomethane                      | <5.00         | U                | 50.0        | 57.27      |               | ug/L |   | 115  | 50 - 150    | 5   | 25        |
| Isobutanol                       | <17.1         | U                | 1240        | 1295       |               | ug/L |   | 104  | 60 - 140    | 5   | 25        |
| Methacrylonitrile                | <2.72         | U                | 500         | 550.8      |               | ug/L |   | 110  | 70 - 130    | 5   | 25        |
| Methyl methacrylate              | <2.25         | U                | 100         | 112.8      |               | ug/L |   | 113  | 70 - 130    | 6   | 25        |
| Methyl tert-butyl ether          | <1.39         | U                | 50.0        | 58.28      |               | ug/L |   | 117  | 70 - 135    | 3   | 25        |
| Methylene Chloride               | <1.73         | U                | 50.0        | 56.34      |               | ug/L |   | 113  | 71 - 125    | 4   | 25        |
| Propionitrile                    | <3.34         | U                | 500         | 539.7      |               | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Propylbenzene                    | <0.429        | U                | 50.0        | 52.42      |               | ug/L |   | 105  | 70 - 130    | 5   | 25        |
| Styrene                          | <0.619        | U                | 50.0        | 54.25      |               | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Tetrachloroethene                | <0.655        | U                | 50.0        | 51.64      |               | ug/L |   | 103  | 70 - 130    | 4   | 25        |
| Tetrahydrofuran                  | <1.83         | U                | 100         | 102.2      |               | ug/L |   | 102  | 63 - 130    | 2   | 25        |
| Toluene                          | <0.475        | U                | 50.0        | 52.67      |               | ug/L |   | 105  | 70 - 130    | 3   | 25        |
| trans-1,2-Dichloroethene         | <0.368        | U                | 50.0        | 57.49      |               | ug/L |   | 115  | 70 - 130    | 5   | 25        |
| trans-1,3-Dichloropropene        | <1.27         | U                | 50.0        | 50.84      |               | ug/L |   | 102  | 70 - 130    | 4   | 25        |
| trans-1,4-Dichloro-2-butene      | <1.35         | U                | 50.0        | 53.72      |               | ug/L |   | 107  | 70 - 130    | 10  | 25        |
| Trichloroethene                  | <1.50         | U                | 50.0        | 51.53      |               | ug/L |   | 103  | 70 - 135    | 3   | 25        |
| Trichlorofluoromethane           | <0.560        | U                | 50.0        | 52.56      |               | ug/L |   | 105  | 60 - 140    | 3   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 275382

Client Sample ID: MW-33S

Prep Type: Total/NA

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | <2.14         | U                | 250         | 329.5      |               | ug/L |   | 132  | 50 - 150    | 5   | 25        |
| Vinyl chloride | <0.428        | U                | 50.0        | 54.23      |               | ug/L |   | 108  | 60 - 140    | 7   | 25        |
| Xylenes, Total | <1.24         | U                | 100         | 107.6      |               | ug/L |   | 108  | 70 - 130    | 3   | 25        |
| m,p-Xylenes    | <0.00124      | U                | 0.0500      | 0.05394    |               | mg/L |   | 108  | 70 - 130    | 3   | 25        |
| o-Xylene       | <0.000502     | U                | 0.0500      | 0.05364    |               | mg/L |   | 107  | 70 - 130    | 3   | 25        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | MSD Limits |
|------------------------------|---------------|---------------|------------|
| 1,2-Dichloroethane-d4 (Surr) | 104           |               | 63 - 144   |
| 4-Bromofluorobenzene (Surr)  | 98            |               | 74 - 124   |
| Dibromofluoromethane (Surr)  | 99            |               | 75 - 131   |
| Toluene-d8 (Surr)            | 101           |               | 80 - 120   |

Lab Sample ID: MB 860-275621/9

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,1,1-Trichloroethane               | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,1,2,2-Tetrachloroethane           | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/13/25 17:28 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/13/25 17:28 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/13/25 17:28 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/13/25 17:28 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/13/25 17:28 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275621/9

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride        | <0.896    | U            | 2.00    | 0.896    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chlorobenzene               | <0.455    | U            | 1.00    | 0.455    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chlorodibromomethane        | <0.547    | U            | 5.00    | 0.547    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloroethane                | <1.98     | U            | 10.0    | 1.98     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloroform                  | <0.464    | U            | 1.00    | 0.464    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloromethane               | <2.04     | U            | 10.0    | 2.04     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloroprene                 | <0.598    | U            | 5.00    | 0.598    | ug/L |   |          | 11/13/25 17:28 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U            | 1.00    | 0.457    | ug/L |   |          | 11/13/25 17:28 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U            | 5.00    | 1.07     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U            | 1.00    | 0.592    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Cyclohexane                 | <1.29     | U            | 5.00    | 1.29     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Dibromomethane              | <0.357    | U            | 1.00    | 0.357    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Dichlorodifluoromethane     | <0.785    | U            | 1.00    | 0.785    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Ethyl methacrylate          | <1.12     | U            | 5.00    | 1.12     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Ethylbenzene                | <0.385    | U            | 1.00    | 0.385    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Hexane                      | <0.517    | U            | 5.00    | 0.517    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Iodomethane                 | <5.00     | U            | 20.0    | 5.00     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/13/25 17:28 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/13/25 17:28 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/13/25 17:28 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/13/25 17:28 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 17:28 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 17:28 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 104          |              | 63 - 144 |          | 11/13/25 17:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104          |              | 74 - 124 |          | 11/13/25 17:28 | 1       |
| Dibromofluoromethane (Surr)  | 124          |              | 75 - 131 |          | 11/13/25 17:28 | 1       |
| Toluene-d8 (Surr)            | 104          |              | 80 - 120 |          | 11/13/25 17:28 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275621/3

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 44.04      |               | ug/L |   | 88   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 53.88      |               | ug/L |   | 108  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 50.58      |               | ug/L |   | 101  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 49.01      |               | ug/L |   | 98   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 46.25      |               | ug/L |   | 93   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 56.24      |               | ug/L |   | 112  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 42.71      |               | ug/L |   | 85   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 51.64      |               | ug/L |   | 103  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 44.23      |               | ug/L |   | 88   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 56.31      |               | ug/L |   | 113  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 46.41      |               | ug/L |   | 93   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 44.56      |               | ug/L |   | 89   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 45.97      |               | ug/L |   | 92   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 43.38      |               | ug/L |   | 87   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 61.29      |               | ug/L |   | 123  | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 46.81      |               | ug/L |   | 94   | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 348.9      |               | ug/L |   | 140  | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 287.0      |               | ug/L |   | 115  | 60 - 140    |
| 2-Propanol                            | 500         | 447.1      |               | ug/L |   | 89   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 53.07      |               | ug/L |   | 106  | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 298.0      |               | ug/L |   | 119  | 60 - 140    |
| Acetone                               | 250         | 247.3      |               | ug/L |   | 99   | 60 - 140    |
| Acetonitrile                          | 500         | 530.7      |               | ug/L |   | 106  | 60 - 140    |
| Acrolein                              | 250         | 201.3      |               | ug/L |   | 81   | 60 - 140    |
| Acrylonitrile                         | 500         | 594.7      |               | ug/L |   | 119  | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 58.21      |               | ug/L |   | 116  | 70 - 130    |
| Benzene                               | 50.0        | 46.94      |               | ug/L |   | 94   | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 47.75      |               | ug/L |   | 95   | 65 - 135    |
| Bromoform                             | 50.0        | 51.90      |               | ug/L |   | 104  | 70 - 130    |
| Bromomethane                          | 50.0        | 53.50      |               | ug/L |   | 107  | 49 - 140    |
| Carbon disulfide                      | 50.0        | 48.74      |               | ug/L |   | 97   | 60 - 130    |
| Carbon tetrachloride                  | 50.0        | 56.06      |               | ug/L |   | 112  | 70 - 130    |
| Chlorobenzene                         | 50.0        | 43.09      |               | ug/L |   | 86   | 65 - 135    |
| Chlorodibromomethane                  | 50.0        | 46.24      |               | ug/L |   | 92   | 70 - 130    |
| Chloroethane                          | 50.0        | 51.10      |               | ug/L |   | 102  | 60 - 140    |
| Chloroform                            | 50.0        | 54.08      |               | ug/L |   | 108  | 70 - 130    |
| Chloromethane                         | 50.0        | 46.63      |               | ug/L |   | 93   | 60 - 140    |
| Chloroprene                           | 50.0        | 55.97      |               | ug/L |   | 112  | 70 - 130    |
| cis-1,2-Dichloroethene                | 50.0        | 55.75      |               | ug/L |   | 111  | 70 - 130    |
| cis-1,3-Dichloropropene               | 50.0        | 50.95      |               | ug/L |   | 102  | 70 - 130    |
| Cumene (isopropylbenzene)             | 50.0        | 47.85      |               | ug/L |   | 96   | 70 - 130    |
| Cyclohexane                           | 50.0        | 56.86      |               | ug/L |   | 114  | 65 - 130    |
| Dibromomethane                        | 50.0        | 52.99      |               | ug/L |   | 106  | 69 - 130    |
| Dichlorodifluoromethane               | 50.0        | 61.78      |               | ug/L |   | 124  | 50 - 150    |
| Ethyl methacrylate                    | 50.0        | 71.11      | *+            | ug/L |   | 142  | 70 - 130    |
| Ethylbenzene                          | 50.0        | 43.73      |               | ug/L |   | 87   | 70 - 130    |
| Hexane                                | 50.0        | 51.31      |               | ug/L |   | 103  | 65 - 140    |
| Iodomethane                           | 50.0        | 62.92      |               | ug/L |   | 126  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275621/3

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Isobutanol                  | 1240        | 1502       |               | ug/L |   | 121  | 60 - 140    |
| Methacrylonitrile           | 500         | 650.0      |               | ug/L |   | 130  | 70 - 130    |
| Methyl methacrylate         | 100         | 101.9      |               | ug/L |   | 102  | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 49.42      |               | ug/L |   | 99   | 70 - 135    |
| Methylene Chloride          | 50.0        | 46.43      |               | ug/L |   | 93   | 71 - 125    |
| Propionitrile               | 500         | 715.1      | *+            | ug/L |   | 143  | 70 - 130    |
| Propylbenzene               | 50.0        | 43.78      |               | ug/L |   | 88   | 70 - 130    |
| Styrene                     | 50.0        | 47.35      |               | ug/L |   | 95   | 70 - 130    |
| Tetrachloroethene           | 50.0        | 42.41      |               | ug/L |   | 85   | 70 - 130    |
| Tetrahydrofuran             | 100         | 110.1      |               | ug/L |   | 110  | 63 - 130    |
| Toluene                     | 50.0        | 41.95      |               | ug/L |   | 84   | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 48.15      |               | ug/L |   | 96   | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 50.33      |               | ug/L |   | 101  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 58.51      |               | ug/L |   | 117  | 70 - 130    |
| Trichloroethene             | 50.0        | 46.38      |               | ug/L |   | 93   | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 45.55      |               | ug/L |   | 91   | 60 - 140    |
| Vinyl acetate               | 250         | 368.8      |               | ug/L |   | 148  | 50 - 150    |
| Vinyl chloride              | 50.0        | 54.20      |               | ug/L |   | 108  | 60 - 140    |
| Xylenes, Total              | 100         | 87.64      |               | ug/L |   | 88   | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.04443    |               | mg/L |   | 89   | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.04321    |               | mg/L |   | 86   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 123           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120 |

Lab Sample ID: LCSD 860-275621/4

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 45.43       |                | ug/L |   | 91   | 70 - 130    | 3   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 54.08       |                | ug/L |   | 108  | 70 - 130    | 0   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 51.02       |                | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 49.93       |                | ug/L |   | 100  | 60 - 140    | 2   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 48.16       |                | ug/L |   | 96   | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 58.10       |                | ug/L |   | 116  | 70 - 130    | 3   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 47.17       |                | ug/L |   | 94   | 67 - 130    | 10  | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 52.94       |                | ug/L |   | 106  | 70 - 130    | 2   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 45.05       |                | ug/L |   | 90   | 70 - 130    | 2   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 56.06       |                | ug/L |   | 112  | 59 - 130    | 0   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 48.07       |                | ug/L |   | 96   | 70 - 130    | 4   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 45.49       |                | ug/L |   | 91   | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 49.47       |                | ug/L |   | 99   | 70 - 130    | 7   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 44.85       |                | ug/L |   | 90   | 70 - 130    | 3   | 25        |
| 1,3-Butadiene                         | 50.0        | 66.03       |                | ug/L |   | 132  | 60 - 150    | 7   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275621/4

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | 50.0        | 46.38       |                | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| 2-Butanone (MEK)                 | 250         | 351.4       | *+             | ug/L |   | 141  | 67 - 140    | 1   | 25        |
| 2-Hexanone (MBK)                 | 250         | 289.8       |                | ug/L |   | 116  | 60 - 140    | 1   | 25        |
| 2-Propanol                       | 500         | 471.8       |                | ug/L |   | 94   | 50 - 150    | 5   | 25        |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 53.93       |                | ug/L |   | 108  | 60 - 130    | 2   | 25        |
| 4-Methyl-2-pentanone             | 250         | 305.4       |                | ug/L |   | 122  | 60 - 140    | 2   | 25        |
| Acetone                          | 250         | 279.2       |                | ug/L |   | 112  | 60 - 140    | 12  | 25        |
| Acetonitrile                     | 500         | 539.3       |                | ug/L |   | 108  | 60 - 140    | 2   | 25        |
| Acrolein                         | 250         | 205.5       |                | ug/L |   | 82   | 60 - 140    | 2   | 25        |
| Acrylonitrile                    | 500         | 592.0       |                | ug/L |   | 118  | 60 - 140    | 0   | 25        |
| alpha-Chlorotoluene              | 50.0        | 58.85       |                | ug/L |   | 118  | 70 - 130    | 1   | 25        |
| Benzene                          | 50.0        | 48.36       |                | ug/L |   | 97   | 70 - 130    | 3   | 25        |
| Bromodichloromethane             | 50.0        | 49.28       |                | ug/L |   | 99   | 65 - 135    | 3   | 25        |
| Bromoform                        | 50.0        | 52.57       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| Bromomethane                     | 50.0        | 57.99       |                | ug/L |   | 116  | 49 - 140    | 8   | 25        |
| Carbon disulfide                 | 50.0        | 49.42       |                | ug/L |   | 99   | 60 - 130    | 1   | 25        |
| Carbon tetrachloride             | 50.0        | 52.43       |                | ug/L |   | 105  | 70 - 130    | 7   | 25        |
| Chlorobenzene                    | 50.0        | 43.79       |                | ug/L |   | 88   | 65 - 135    | 2   | 25        |
| Chlorodibromomethane             | 50.0        | 47.57       |                | ug/L |   | 95   | 70 - 130    | 3   | 25        |
| Chloroethane                     | 50.0        | 52.62       |                | ug/L |   | 105  | 60 - 140    | 3   | 25        |
| Chloroform                       | 50.0        | 55.30       |                | ug/L |   | 111  | 70 - 130    | 2   | 25        |
| Chloromethane                    | 50.0        | 49.63       |                | ug/L |   | 99   | 60 - 140    | 6   | 25        |
| Chloroprene                      | 50.0        | 58.04       |                | ug/L |   | 116  | 70 - 130    | 4   | 25        |
| cis-1,2-Dichloroethene           | 50.0        | 58.25       |                | ug/L |   | 116  | 70 - 130    | 4   | 25        |
| cis-1,3-Dichloropropene          | 50.0        | 52.14       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)        | 50.0        | 49.03       |                | ug/L |   | 98   | 70 - 130    | 2   | 25        |
| Cyclohexane                      | 50.0        | 57.14       |                | ug/L |   | 114  | 65 - 130    | 0   | 25        |
| Dibromomethane                   | 50.0        | 52.25       |                | ug/L |   | 105  | 69 - 130    | 1   | 25        |
| Dichlorodifluoromethane          | 50.0        | 66.20       |                | ug/L |   | 132  | 50 - 150    | 7   | 25        |
| Ethyl methacrylate               | 50.0        | 74.92       | *+             | ug/L |   | 150  | 70 - 130    | 5   | 25        |
| Ethylbenzene                     | 50.0        | 44.58       |                | ug/L |   | 89   | 70 - 130    | 2   | 25        |
| Hexane                           | 50.0        | 52.42       |                | ug/L |   | 105  | 65 - 140    | 2   | 25        |
| Iodomethane                      | 50.0        | 69.05       |                | ug/L |   | 138  | 50 - 150    | 9   | 25        |
| Isobutanol                       | 1240        | 1515        |                | ug/L |   | 122  | 60 - 140    | 1   | 25        |
| Methacrylonitrile                | 500         | 660.6       | *+             | ug/L |   | 132  | 70 - 130    | 2   | 25        |
| Methyl methacrylate              | 100         | 101.6       |                | ug/L |   | 102  | 70 - 130    | 0   | 25        |
| Methyl tert-butyl ether          | 50.0        | 49.27       |                | ug/L |   | 99   | 70 - 135    | 0   | 25        |
| Methylene Chloride               | 50.0        | 50.97       |                | ug/L |   | 102  | 71 - 125    | 9   | 25        |
| Propionitrile                    | 500         | 734.4       | *+             | ug/L |   | 147  | 70 - 130    | 3   | 25        |
| Propylbenzene                    | 50.0        | 44.93       |                | ug/L |   | 90   | 70 - 130    | 3   | 25        |
| Styrene                          | 50.0        | 48.44       |                | ug/L |   | 97   | 70 - 130    | 2   | 25        |
| Tetrachloroethene                | 50.0        | 43.31       |                | ug/L |   | 87   | 70 - 130    | 2   | 25        |
| Tetrahydrofuran                  | 100         | 131.1       | *+             | ug/L |   | 131  | 63 - 130    | 17  | 25        |
| Toluene                          | 50.0        | 42.37       |                | ug/L |   | 85   | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene         | 50.0        | 49.67       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| trans-1,3-Dichloropropene        | 50.0        | 51.51       |                | ug/L |   | 103  | 70 - 130    | 2   | 25        |
| trans-1,4-Dichloro-2-butene      | 50.0        | 56.84       |                | ug/L |   | 114  | 70 - 130    | 3   | 25        |
| Trichloroethene                  | 50.0        | 47.76       |                | ug/L |   | 96   | 70 - 135    | 3   | 25        |
| Trichlorofluoromethane           | 50.0        | 49.22       |                | ug/L |   | 98   | 60 - 140    | 8   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275621/4

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | 250         | 371.6       |                | ug/L |   | 149  | 50 - 150    | 1   | 25        |
| Vinyl chloride | 50.0        | 59.70       |                | ug/L |   | 119  | 60 - 140    | 10  | 25        |
| Xylenes, Total | 100         | 89.93       |                | ug/L |   | 90   | 70 - 130    | 3   | 25        |
| m,p-Xylenes    | 0.0500      | 0.04549     |                | mg/L |   | 91   | 70 - 130    | 2   | 25        |
| o-Xylene       | 0.0500      | 0.04444     |                | mg/L |   | 89   | 70 - 130    | 3   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 96             |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 123            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 100            |                | 80 - 120 |

Lab Sample ID: 860-115960-B-3 MS

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <6.44         | U                | 500         | 410.0     |              | ug/L |   | 82   | 70 - 130    |
| 1,1,1-Trichloroethane                 | <5.85         | U                | 500         | 463.1     |              | ug/L |   | 93   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <4.70         | U                | 500         | 471.4     |              | ug/L |   | 94   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1         | U                | 500         | 410.0     |              | ug/L |   | 82   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <4.11         | U                | 500         | 447.7     |              | ug/L |   | 90   | 70 - 130    |
| 1,1-Dichloroethane                    | <6.35         | U                | 500         | 505.4     |              | ug/L |   | 101  | 70 - 130    |
| 1,1-Dichloroethene                    | <7.38         | U                | 500         | 397.0     |              | ug/L |   | 79   | 67 - 130    |
| 1,2,3-Trichloropropane                | <4.70         | U                | 500         | 502.8     |              | ug/L |   | 101  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <4.17         | U                | 500         | 397.5     |              | ug/L |   | 79   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <6.71         | U                | 500         | 530.7     |              | ug/L |   | 106  | 59 - 130    |
| 1,2-Dibromoethane                     | <9.99         | U                | 500         | 453.6     |              | ug/L |   | 91   | 70 - 130    |
| 1,2-Dichloroethane                    | <3.72         | U                | 500         | 428.1     |              | ug/L |   | 86   | 70 - 130    |
| 1,2-Dichloropropane                   | <5.56         | U                | 500         | 450.9     |              | ug/L |   | 90   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <4.11         | U                | 500         | 391.8     |              | ug/L |   | 78   | 70 - 130    |
| 1,3-Butadiene                         | <5.68         | U                | 500         | 647.5     |              | ug/L |   | 129  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <5.00         | U                | 500         | 429.1     |              | ug/L |   | 86   | 70 - 130    |
| 2-Butanone (MEK)                      | <82.8         | U **             | 2500        | 3414      |              | ug/L |   | 137  | 67 - 140    |
| 2-Hexanone (MBK)                      | <50.0         | U                | 2500        | 2796      |              | ug/L |   | 112  | 60 - 140    |
| 2-Propanol                            | <52.3         | U                | 5000        | 4126      |              | ug/L |   | 83   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <5.97         | U                | 500         | 519.2     |              | ug/L |   | 104  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <50.0         | U                | 2500        | 2932      |              | ug/L |   | 117  | 60 - 140    |
| Acetone                               | <30.7         | U                | 2500        | 2362      |              | ug/L |   | 94   | 60 - 140    |
| Acetonitrile                          | <146          | U                | 5000        | 5192      |              | ug/L |   | 104  | 60 - 140    |
| Acrolein                              | <111          | U F1             | 2500        | 811.5     | F1           | ug/L |   | 32   | 60 - 140    |
| Acrylonitrile                         | <143          | U                | 5000        | 5940      |              | ug/L |   | 119  | 60 - 140    |
| alpha-Chlorotoluene                   | <22.6         | U                | 500         | 529.6     |              | ug/L |   | 106  | 70 - 130    |
| Benzene                               | <4.60         | U                | 500         | 429.4     |              | ug/L |   | 86   | 70 - 130    |
| Bromodichloromethane                  | <5.52         | U                | 500         | 444.5     |              | ug/L |   | 89   | 65 - 135    |
| Bromoform                             | <6.33         | U                | 500         | 497.9     |              | ug/L |   | 100  | 70 - 130    |
| Bromomethane                          | <14.2         | U                | 500         | 541.9     |              | ug/L |   | 108  | 49 - 140    |
| Carbon disulfide                      | <16.5         | U                | 500         | 429.7     |              | ug/L |   | 86   | 60 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115960-B-3 MS

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Carbon tetrachloride        | <8.96         | U                | 500         | 463.8     |              | ug/L |   | 93   | 70 - 130    |
| Chlorobenzene               | <4.55         | U                | 500         | 393.0     |              | ug/L |   | 79   | 65 - 135    |
| Chlorodibromomethane        | <5.47         | U                | 500         | 433.3     |              | ug/L |   | 87   | 70 - 130    |
| Chloroethane                | <19.8         | U                | 500         | 541.3     |              | ug/L |   | 108  | 60 - 140    |
| Chloroform                  | <4.64         | U                | 500         | 483.6     |              | ug/L |   | 97   | 70 - 130    |
| Chloromethane               | <20.4         | U                | 500         | 489.0     |              | ug/L |   | 98   | 60 - 140    |
| Chloroprene                 | <5.98         | U                | 500         | 458.4     |              | ug/L |   | 92   | 70 - 130    |
| cis-1,2-Dichloroethene      | 17.5          |                  | 500         | 506.6     |              | ug/L |   | 98   | 70 - 130    |
| cis-1,3-Dichloropropene     | <10.7         | U                | 500         | 458.9     |              | ug/L |   | 92   | 70 - 130    |
| Cumene (isopropylbenzene)   | <5.92         | U                | 500         | 440.8     |              | ug/L |   | 88   | 70 - 130    |
| Cyclohexane                 | <12.9         | U                | 500         | 505.2     |              | ug/L |   | 101  | 65 - 130    |
| Dibromomethane              | <3.57         | U                | 500         | 487.3     |              | ug/L |   | 97   | 69 - 130    |
| Dichlorodifluoromethane     | <7.85         | U                | 500         | 677.8     |              | ug/L |   | 136  | 50 - 150    |
| Ethyl methacrylate          | <11.2         | U *+ F1          | 500         | 727.7     | F1           | ug/L |   | 146  | 70 - 130    |
| Ethylbenzene                | <3.85         | U                | 500         | 400.0     |              | ug/L |   | 80   | 70 - 130    |
| Hexane                      | <5.17         | U                | 500         | 469.6     |              | ug/L |   | 94   | 65 - 140    |
| Iodomethane                 | <50.0         | U                | 500         | 582.4     |              | ug/L |   | 116  | 50 - 150    |
| Isobutanol                  | <171          | U                | 12400       | 14810     |              | ug/L |   | 119  | 60 - 140    |
| Methacrylonitrile           | <27.2         | U *+             | 5000        | 6397      |              | ug/L |   | 128  | 70 - 130    |
| Methyl methacrylate         | <22.5         | U                | 1000        | 975.1     |              | ug/L |   | 98   | 70 - 130    |
| Methyl tert-butyl ether     | <13.9         | U                | 500         | 461.2     |              | ug/L |   | 92   | 70 - 135    |
| Methylene Chloride          | <17.3         | U                | 500         | 426.4     |              | ug/L |   | 85   | 71 - 125    |
| Propionitrile               | <33.4         | U *+ F1          | 5000        | 7100      | F1           | ug/L |   | 142  | 70 - 130    |
| Propylbenzene               | <4.29         | U                | 500         | 401.4     |              | ug/L |   | 80   | 70 - 130    |
| Styrene                     | <6.19         | U                | 500         | 432.7     |              | ug/L |   | 87   | 70 - 130    |
| Tetrachloroethene           | <6.55         | U                | 500         | 388.8     |              | ug/L |   | 78   | 70 - 130    |
| Tetrahydrofuran             | <18.3         | U *+ F1          | 1000        | 1337      | F1           | ug/L |   | 134  | 63 - 130    |
| Toluene                     | <4.75         | U                | 500         | 379.3     |              | ug/L |   | 76   | 70 - 130    |
| trans-1,2-Dichloroethene    | <3.68         | U                | 500         | 433.5     |              | ug/L |   | 87   | 70 - 130    |
| trans-1,3-Dichloropropene   | <12.7         | U                | 500         | 461.1     |              | ug/L |   | 92   | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <13.5         | U                | 500         | 520.9     |              | ug/L |   | 104  | 70 - 130    |
| Trichloroethene             | 401           |                  | 500         | 805.6     |              | ug/L |   | 81   | 70 - 135    |
| Trichlorofluoromethane      | <5.60         | U                | 500         | 467.6     |              | ug/L |   | 94   | 60 - 140    |
| Vinyl acetate               | <21.4         | U                | 2500        | 3539      |              | ug/L |   | 142  | 50 - 150    |
| Vinyl chloride              | <4.28         | U                | 500         | 582.5     |              | ug/L |   | 116  | 60 - 140    |
| Xylenes, Total              | <12.4         | U                | 1000        | 801.9     |              | ug/L |   | 80   | 70 - 130    |
| m,p-Xylenes                 | <0.0124       | U                | 0.500       | 0.4069    |              | mg/L |   | 81   | 70 - 130    |
| o-Xylene                    | <0.00502      | U                | 0.500       | 0.3950    |              | mg/L |   | 79   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95           |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103          |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 123          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 99           |              | 80 - 120 |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275625/7

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/13/25 14:14 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 14:14 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/13/25 14:14 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/13/25 14:14 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/13/25 14:14 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/13/25 14:14 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/13/25 14:14 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/13/25 14:14 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/13/25 14:14 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/13/25 14:14 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275625/7

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/13/25 14:14 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/13/25 14:14 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/13/25 14:14 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/13/25 14:14 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/13/25 14:14 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/13/25 14:14 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/13/25 14:14 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/13/25 14:14 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/13/25 14:14 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/13/25 14:14 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 14:14 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 14:14 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96           |              | 63 - 144 |          | 11/13/25 14:14 | 1       |
| 4-Bromofluorobenzene (Surr)  | 90           |              | 74 - 124 |          | 11/13/25 14:14 | 1       |
| Dibromofluoromethane (Surr)  | 120          |              | 75 - 131 |          | 11/13/25 14:14 | 1       |
| Toluene-d8 (Surr)            | 106          |              | 80 - 120 |          | 11/13/25 14:14 | 1       |

Lab Sample ID: LCS 860-275625/3

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 50.61      |               | ug/L |   | 101  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 53.11      |               | ug/L |   | 106  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 47.99      |               | ug/L |   | 96   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 53.49      |               | ug/L |   | 107  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 52.55      |               | ug/L |   | 105  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 52.56      |               | ug/L |   | 105  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 55.30      |               | ug/L |   | 111  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 45.44      |               | ug/L |   | 91   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 49.27      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 49.73      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 46.63      |               | ug/L |   | 93   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 49.10      |               | ug/L |   | 98   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 48.27      |               | ug/L |   | 97   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 48.38      |               | ug/L |   | 97   | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 46.02      |               | ug/L |   | 92   | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275625/3

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Butanone (MEK)                 | 250         | 255.7      |               | ug/L |   | 102  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 177.5      |               | ug/L |   | 71   | 60 - 140    |
| 2-Propanol                       | 500         | 616.1      |               | ug/L |   | 123  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 62.27      |               | ug/L |   | 125  | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 173.7      |               | ug/L |   | 69   | 60 - 140    |
| Acetone                          | 250         | 257.9      |               | ug/L |   | 103  | 60 - 140    |
| Acetonitrile                     | 500         | 676.1      |               | ug/L |   | 135  | 60 - 140    |
| Acrolein                         | 250         | 263.0      |               | ug/L |   | 105  | 60 - 140    |
| Acrylonitrile                    | 500         | 533.4      |               | ug/L |   | 107  | 60 - 140    |
| Benzene                          | 50.0        | 48.12      |               | ug/L |   | 96   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 45.93      |               | ug/L |   | 92   | 65 - 135    |
| Bromoform                        | 50.0        | 44.82      |               | ug/L |   | 90   | 70 - 130    |
| Bromomethane                     | 50.0        | 27.81      |               | ug/L |   | 56   | 49 - 140    |
| Carbon disulfide                 | 50.0        | 54.91      |               | ug/L |   | 110  | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 49.67      |               | ug/L |   | 99   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 46.15      |               | ug/L |   | 92   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 49.86      |               | ug/L |   | 100  | 70 - 130    |
| Chloroethane                     | 50.0        | 48.62      |               | ug/L |   | 97   | 60 - 140    |
| Chloroform                       | 50.0        | 52.17      |               | ug/L |   | 104  | 70 - 130    |
| Chloromethane                    | 50.0        | 55.21      |               | ug/L |   | 110  | 60 - 140    |
| Chloroprene                      | 50.0        | 54.53      |               | ug/L |   | 109  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 54.47      |               | ug/L |   | 109  | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 48.25      |               | ug/L |   | 97   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 44.49      |               | ug/L |   | 89   | 70 - 130    |
| Cyclohexane                      | 50.0        | 54.63      |               | ug/L |   | 109  | 65 - 130    |
| Dibromomethane                   | 50.0        | 47.95      |               | ug/L |   | 96   | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 36.85      |               | ug/L |   | 74   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 35.93      |               | ug/L |   | 72   | 70 - 130    |
| Ethylbenzene                     | 50.0        | 45.32      |               | ug/L |   | 91   | 70 - 130    |
| Hexane                           | 50.0        | 52.02      |               | ug/L |   | 104  | 65 - 140    |
| Iodomethane                      | 50.0        | 36.92      |               | ug/L |   | 74   | 50 - 150    |
| Isobutanol                       | 1240        | 887.9      |               | ug/L |   | 72   | 60 - 140    |
| Methacrylonitrile                | 500         | 550.5      |               | ug/L |   | 110  | 70 - 130    |
| Methyl methacrylate              | 100         | 84.58      |               | ug/L |   | 85   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 52.37      |               | ug/L |   | 105  | 70 - 135    |
| Methylene Chloride               | 50.0        | 51.77      |               | ug/L |   | 104  | 71 - 125    |
| Propionitrile                    | 500         | 569.9      |               | ug/L |   | 114  | 70 - 130    |
| Propylbenzene                    | 50.0        | 48.03      |               | ug/L |   | 96   | 70 - 130    |
| Styrene                          | 50.0        | 48.44      |               | ug/L |   | 97   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 46.49      |               | ug/L |   | 93   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 104.8      |               | ug/L |   | 105  | 63 - 130    |
| Toluene                          | 50.0        | 46.97      |               | ug/L |   | 94   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 54.88      |               | ug/L |   | 110  | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 53.21      |               | ug/L |   | 106  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 45.53      |               | ug/L |   | 91   | 70 - 130    |
| Trichloroethene                  | 50.0        | 46.66      |               | ug/L |   | 93   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 47.30      |               | ug/L |   | 95   | 60 - 140    |
| Vinyl acetate                    | 250         | 308.4      |               | ug/L |   | 123  | 50 - 150    |
| Vinyl chloride                   | 50.0        | 43.23      |               | ug/L |   | 86   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275625/3

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Xylenes, Total | 100         | 88.73      |               | ug/L |   | 89   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04427    |               | mg/L |   | 89   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04446    |               | mg/L |   | 89   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 97            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 99            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 113           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 106           |               | 80 - 120 |

Lab Sample ID: LCSD 860-275625/4

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 50.02       |                | ug/L |   | 100  | 70 - 130    | 1   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 54.80       |                | ug/L |   | 110  | 70 - 130    | 3   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.99       |                | ug/L |   | 92   | 70 - 130    | 4   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 55.38       |                | ug/L |   | 111  | 60 - 140    | 3   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 52.00       |                | ug/L |   | 104  | 70 - 130    | 1   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 53.92       |                | ug/L |   | 108  | 70 - 130    | 3   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 56.02       |                | ug/L |   | 112  | 67 - 130    | 1   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 44.52       |                | ug/L |   | 89   | 70 - 130    | 2   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 48.18       |                | ug/L |   | 96   | 70 - 130    | 2   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 49.74       |                | ug/L |   | 99   | 70 - 130    | 0   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 45.58       |                | ug/L |   | 91   | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 49.09       |                | ug/L |   | 98   | 70 - 130    | 0   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 46.38       |                | ug/L |   | 93   | 70 - 130    | 4   | 25        |
| 1,3-Butadiene                         | 50.0        | 46.39       |                | ug/L |   | 93   | 60 - 150    | 4   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 43.65       |                | ug/L |   | 87   | 70 - 130    | 5   | 25        |
| 2-Butanone (MEK)                      | 250         | 258.4       |                | ug/L |   | 103  | 67 - 140    | 1   | 25        |
| 2-Hexanone (MBK)                      | 250         | 170.1       |                | ug/L |   | 68   | 60 - 140    | 4   | 25        |
| 2-Propanol                            | 500         | 582.8       |                | ug/L |   | 117  | 50 - 150    | 6   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 60.98       |                | ug/L |   | 122  | 60 - 130    | 2   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 171.1       |                | ug/L |   | 68   | 60 - 140    | 2   | 25        |
| Acetone                               | 250         | 258.5       |                | ug/L |   | 103  | 60 - 140    | 0   | 25        |
| Acetonitrile                          | 500         | 668.3       |                | ug/L |   | 134  | 60 - 140    | 1   | 25        |
| Acrolein                              | 250         | 277.0       |                | ug/L |   | 111  | 60 - 140    | 5   | 25        |
| Acrylonitrile                         | 500         | 558.4       |                | ug/L |   | 112  | 60 - 140    | 5   | 25        |
| Benzene                               | 50.0        | 49.34       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| Bromodichloromethane                  | 50.0        | 46.01       |                | ug/L |   | 92   | 65 - 135    | 0   | 25        |
| Bromoform                             | 50.0        | 43.29       |                | ug/L |   | 87   | 70 - 130    | 3   | 25        |
| Bromomethane                          | 50.0        | 30.32       |                | ug/L |   | 61   | 49 - 140    | 9   | 25        |
| Carbon disulfide                      | 50.0        | 57.65       |                | ug/L |   | 115  | 60 - 130    | 5   | 25        |
| Carbon tetrachloride                  | 50.0        | 51.34       |                | ug/L |   | 103  | 70 - 130    | 3   | 25        |
| Chlorobenzene                         | 50.0        | 46.98       |                | ug/L |   | 94   | 65 - 135    | 2   | 25        |
| Chlorodibromomethane                  | 50.0        | 49.30       |                | ug/L |   | 99   | 70 - 130    | 1   | 25        |
| Chloroethane                          | 50.0        | 48.02       |                | ug/L |   | 96   | 60 - 140    | 1   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275625/4

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Chloroform                  | 50.0        | 54.18       |                | ug/L |   | 108  | 70 - 130    | 4   | 25        |
| Chloromethane               | 50.0        | 58.84       |                | ug/L |   | 118  | 60 - 140    | 6   | 25        |
| Chloroprene                 | 50.0        | 57.39       |                | ug/L |   | 115  | 70 - 130    | 5   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 55.37       |                | ug/L |   | 111  | 70 - 130    | 2   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 49.01       |                | ug/L |   | 98   | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 44.61       |                | ug/L |   | 89   | 70 - 130    | 0   | 25        |
| Cyclohexane                 | 50.0        | 55.38       |                | ug/L |   | 111  | 65 - 130    | 1   | 25        |
| Dibromomethane              | 50.0        | 47.38       |                | ug/L |   | 95   | 69 - 130    | 1   | 25        |
| Dichlorodifluoromethane     | 50.0        | 37.04       |                | ug/L |   | 74   | 50 - 150    | 1   | 25        |
| Ethyl methacrylate          | 50.0        | 35.61       |                | ug/L |   | 71   | 70 - 130    | 1   | 25        |
| Ethylbenzene                | 50.0        | 45.29       |                | ug/L |   | 91   | 70 - 130    | 0   | 25        |
| Hexane                      | 50.0        | 51.22       |                | ug/L |   | 102  | 65 - 140    | 2   | 25        |
| Iodomethane                 | 50.0        | 39.11       |                | ug/L |   | 78   | 50 - 150    | 6   | 25        |
| Isobutanol                  | 1240        | 871.0       |                | ug/L |   | 70   | 60 - 140    | 2   | 25        |
| Methacrylonitrile           | 500         | 553.9       |                | ug/L |   | 111  | 70 - 130    | 1   | 25        |
| Methyl methacrylate         | 100         | 83.32       |                | ug/L |   | 83   | 70 - 130    | 1   | 25        |
| Methyl tert-butyl ether     | 50.0        | 54.71       |                | ug/L |   | 109  | 70 - 135    | 4   | 25        |
| Methylene Chloride          | 50.0        | 55.25       |                | ug/L |   | 110  | 71 - 125    | 6   | 25        |
| Propionitrile               | 500         | 580.0       |                | ug/L |   | 116  | 70 - 130    | 2   | 25        |
| Propylbenzene               | 50.0        | 45.81       |                | ug/L |   | 92   | 70 - 130    | 5   | 25        |
| Styrene                     | 50.0        | 47.09       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| Tetrachloroethene           | 50.0        | 44.47       |                | ug/L |   | 89   | 70 - 130    | 4   | 25        |
| Tetrahydrofuran             | 100         | 110.3       |                | ug/L |   | 110  | 63 - 130    | 5   | 25        |
| Toluene                     | 50.0        | 46.69       |                | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 55.64       |                | ug/L |   | 111  | 70 - 130    | 1   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 52.47       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 40.04       |                | ug/L |   | 80   | 70 - 130    | 13  | 25        |
| Trichloroethene             | 50.0        | 47.75       |                | ug/L |   | 95   | 70 - 135    | 2   | 25        |
| Trichlorofluoromethane      | 50.0        | 47.94       |                | ug/L |   | 96   | 60 - 140    | 1   | 25        |
| Vinyl acetate               | 250         | 303.3       |                | ug/L |   | 121  | 50 - 150    | 2   | 25        |
| Vinyl chloride              | 50.0        | 44.47       |                | ug/L |   | 89   | 60 - 140    | 3   | 25        |
| Xylenes, Total              | 100         | 87.71       |                | ug/L |   | 88   | 70 - 130    | 1   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.04372     |                | mg/L |   | 87   | 70 - 130    | 1   | 25        |
| o-Xylene                    | 0.0500      | 0.04399     |                | mg/L |   | 88   | 70 - 130    | 1   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 93             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 117            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

Lab Sample ID: 560-129512-A-4 MS

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane | <322          | U                | 25000       | 28030     |              | ug/L |   | 112  | 70 - 130    |
| 1,1,1-Trichloroethane     | <293          | U                | 25000       | 29660     |              | ug/L |   | 119  | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 560-129512-A-4 MS

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,2,2-Tetrachloroethane             | <235          | U                | 25000       | 24820     |              | ug/L |   | 99   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <555          | U                | 25000       | 28420     |              | ug/L |   | 114  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <206          | U                | 25000       | 28830     |              | ug/L |   | 115  | 70 - 130    |
| 1,1-Dichloroethane                    | <318          | U                | 25000       | 29760     |              | ug/L |   | 119  | 70 - 130    |
| 1,1-Dichloroethene                    | <369          | U                | 25000       | 29250     |              | ug/L |   | 117  | 67 - 130    |
| 1,2,3-Trichloropropane                | <235          | U                | 25000       | 23780     |              | ug/L |   | 95   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 495           | J                | 25000       | 27440     |              | ug/L |   | 108  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <336          | U ** *1          | 25000       | 25580     |              | ug/L |   | 102  | 59 - 130    |
| 1,2-Dibromoethane                     | <500          | U                | 25000       | 26680     |              | ug/L |   | 107  | 70 - 130    |
| 1,2-Dichloroethane                    | <186          | U                | 25000       | 25320     |              | ug/L |   | 101  | 70 - 130    |
| 1,2-Dichloropropane                   | <278          | U                | 25000       | 28170     |              | ug/L |   | 113  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <206          | U                | 25000       | 26110     |              | ug/L |   | 104  | 70 - 130    |
| 1,3-Butadiene                         | <284          | U                | 25000       | 24740     |              | ug/L |   | 99   | 60 - 150    |
| 2,2,4-Trimethylpentane                | <250          | U                | 25000       | 22460     |              | ug/L |   | 90   | 70 - 130    |
| 2-Butanone (MEK)                      | <4140         | U                | 125000      | 132600    |              | ug/L |   | 106  | 67 - 140    |
| 2-Hexanone (MBK)                      | <2500         | U                | 125000      | 91810     |              | ug/L |   | 73   | 60 - 140    |
| 2-Propanol                            | <2610         | U                | 250000      | 298200    |              | ug/L |   | 119  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <299          | U                | 25000       | 31940     |              | ug/L |   | 128  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <2500         | U                | 125000      | 91690     |              | ug/L |   | 73   | 60 - 140    |
| Acetone                               | 32400         | J                | 125000      | 164400    |              | ug/L |   | 106  | 60 - 140    |
| Acetonitrile                          | <7300         | U                | 250000      | 335400    |              | ug/L |   | 134  | 60 - 140    |
| Acrolein                              | <5560         | U                | 125000      | 137800    |              | ug/L |   | 110  | 60 - 140    |
| Acrylonitrile                         | <7160         | U                | 250000      | 288400    |              | ug/L |   | 115  | 60 - 140    |
| alpha-Chlorotoluene                   | <1130         | U **             | 25000       | 26750     |              | ug/L |   | 107  | 70 - 130    |
| Benzene                               | 24200         |                  | 25000       | 51330     |              | ug/L |   | 109  | 70 - 130    |
| Bromodichloromethane                  | <276          | U                | 25000       | 26130     |              | ug/L |   | 105  | 65 - 135    |
| Bromoform                             | <317          | U                | 25000       | 23960     |              | ug/L |   | 96   | 70 - 130    |
| Bromomethane                          | <710          | U                | 25000       | 14140     |              | ug/L |   | 57   | 49 - 140    |
| Carbon disulfide                      | <825          | U                | 25000       | 28820     |              | ug/L |   | 115  | 60 - 130    |
| Carbon tetrachloride                  | <448          | U                | 25000       | 27920     |              | ug/L |   | 112  | 70 - 130    |
| Chlorobenzene                         | <228          | U                | 25000       | 25550     |              | ug/L |   | 102  | 65 - 135    |
| Chlorodibromomethane                  | <274          | U                | 25000       | 27170     |              | ug/L |   | 109  | 70 - 130    |
| Chloroethane                          | <992          | U                | 25000       | 24460     |              | ug/L |   | 98   | 60 - 140    |
| Chloroform                            | <232          | U                | 25000       | 29890     |              | ug/L |   | 120  | 70 - 130    |
| Chloromethane                         | <1020         | U                | 25000       | 26160     |              | ug/L |   | 105  | 60 - 140    |
| Chloroprene                           | <299          | U                | 25000       | 29780     |              | ug/L |   | 119  | 70 - 130    |
| cis-1,2-Dichloroethene                | <229          | U                | 25000       | 30170     |              | ug/L |   | 121  | 70 - 130    |
| cis-1,3-Dichloropropene               | <534          | U                | 25000       | 26820     |              | ug/L |   | 107  | 70 - 130    |
| Cumene (isopropylbenzene)             | 314           | J                | 25000       | 25160     |              | ug/L |   | 99   | 70 - 130    |
| Cyclohexane                           | 1970          | J                | 25000       | 32060     |              | ug/L |   | 120  | 65 - 130    |
| Dibromomethane                        | <179          | U                | 25000       | 26400     |              | ug/L |   | 106  | 69 - 130    |
| Dichlorodifluoromethane               | <393          | U                | 25000       | 15720     |              | ug/L |   | 63   | 50 - 150    |
| Ethyl methacrylate                    | <559          | U                | 25000       | 20290     |              | ug/L |   | 81   | 70 - 130    |
| Ethylbenzene                          | <193          | U                | 25000       | 25500     |              | ug/L |   | 102  | 70 - 130    |
| Hexane                                | <259          | U                | 25000       | 26030     |              | ug/L |   | 104  | 65 - 140    |
| Iodomethane                           | <2500         | U                | 25000       | 17860     |              | ug/L |   | 71   | 50 - 150    |
| Isobutanol                            | <8550         | U                | 620000      | 442500    |              | ug/L |   | 71   | 60 - 140    |
| Methacrylonitrile                     | <1360         | U                | 250000      | 287600    |              | ug/L |   | 115  | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 560-129512-A-4 MS

Matrix: Water

Analysis Batch: 275625

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Methyl methacrylate         | <1130         | U                | 50000       | 41450     |              | ug/L |   | 83   | 70 - 130    |
| Methyl tert-butyl ether     | <696          | U                | 25000       | 28910     |              | ug/L |   | 116  | 70 - 135    |
| Methylene Chloride          | <863          | U                | 25000       | 30560     |              | ug/L |   | 122  | 71 - 125    |
| Propionitrile               | <1670         | U                | 250000      | 292500    |              | ug/L |   | 117  | 70 - 130    |
| Propylbenzene               | <215          | U                | 25000       | 25530     |              | ug/L |   | 102  | 70 - 130    |
| Styrene                     | <310          | U                | 25000       | 26600     |              | ug/L |   | 106  | 70 - 130    |
| Tetrachloroethene           | <328          | U                | 25000       | 25460     |              | ug/L |   | 102  | 70 - 130    |
| Tetrahydrofuran             | <917          | U                | 50000       | 54880     |              | ug/L |   | 110  | 63 - 130    |
| Toluene                     | 702           |                  | 25000       | 27060     |              | ug/L |   | 105  | 70 - 130    |
| trans-1,2-Dichloroethene    | <184          | U                | 25000       | 30630     |              | ug/L |   | 123  | 70 - 130    |
| trans-1,3-Dichloropropene   | <634          | U                | 25000       | 29140     |              | ug/L |   | 117  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <675          | U                | 25000       | 20940     |              | ug/L |   | 84   | 70 - 130    |
| Trichloroethene             | <750          | U                | 25000       | 26320     |              | ug/L |   | 105  | 70 - 135    |
| Trichlorofluoromethane      | <280          | U                | 25000       | 22920     |              | ug/L |   | 92   | 60 - 140    |
| Vinyl acetate               | <1070         | U                | 125000      | 182300    |              | ug/L |   | 146  | 50 - 150    |
| Vinyl chloride              | <214          | U                | 25000       | 21790     |              | ug/L |   | 87   | 60 - 140    |
| Xylenes, Total              | 2360          |                  | 50000       | 51600     |              | ug/L |   | 98   | 70 - 130    |
| m,p-Xylenes                 | 1.63          |                  | 25.0        | 26.23     |              | mg/L |   | 98   | 70 - 130    |
| o-Xylene                    | 0.731         |                  | 25.0        | 25.37     |              | mg/L |   | 99   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 97           |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 94           |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 114          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 105          |              | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Nitroaniline              | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Nitrophenol               | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3 & 4 Methylphenol          | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3-Nitroaniline              | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Chloro-3-methylphenol     | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                           | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2,3,4,6-Tetrachlorophenol         | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Acetophenone                      | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosopiperidine               | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pentachlorobenzene                | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diphenyl ether                    | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,1'-Biphenyl                     | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Aminobiphenyl                   | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,2,4,5-Tetrachlorobenzene        | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,3,5-Trinitrobenzene             | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,3-Dinitrobenzene                | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,4-Naphthoquinone                | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1-Naphthylamine                   | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,6-Dichlorophenol                | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Acetylaminofluorene             | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Chlorophenol                    | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Naphthylamine                   | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Picoline                        | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Toluidine                       | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3,3'-Dichlorobenzidine            | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3,3'-Dimethylbenzidine            | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3-Methylcholanthrene              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aramite Peak 1                    | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aramite Peak 2                    | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aramite, Total                    | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diallate                          | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diallate Peak 1                   | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diallate Peak 2                   | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dimethoate                        | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dinoseb                           | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Disulfoton                        | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Ethyl methanesulfonate            | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Ethyl Parathion                   | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Famphur                           | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachloropropene                 | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isosafrole                        | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isosafrole Peak 1                 | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isosafrole Peak 2                 | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Methapyrilene                     | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Methyl methanesulfonate           | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Methyl parathion                  | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodiethylamine             | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodimethylamine            | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodi-n-butylamine          | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosomethylethylamine         | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosomorpholine               | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosopyrrolidine              | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                    | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| p-Dimethylamino azobenzene | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pentachloronitrobenzene    | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenacetin                 | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phorate                    | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| p-Phenylene diamine        | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pronamide                  | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Safrole, Total             | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Sulfotepp                  | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Thionazin                  | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 62           |              | 26 - 136 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Fluorobiphenyl            | 68           |              | 39 - 130 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Fluorophenol (Surr)       | 72           |              | 19 - 120 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Nitrobenzene-d5 (Surr)      | 75           |              | 32 - 133 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenol-d5 (Surr)            | 63           |              | 8 - 124  | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| p-Terphenyl-d14             | 63           |              | 28 - 130 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Chloro-3-methylphenol      | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Chloroaniline              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,1'-Biphenyl               | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Aminobiphenyl             | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                                     | Result  | Qualifier |       |        |      |   |                |                |         |
| 1,3-Dinitrobenzene                  | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,4-Naphthoquinone                  | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1-Naphthylamine                     | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,6-Dichlorophenol                  | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Naphthylamine                     | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Toluidine                         | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3-Methylcholanthrene                | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U         | 5.71  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aramite, Total                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diallate                            | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diallate Peak 1                     | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diallate Peak 2                     | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dimethoate                          | <0.499  | U         | 2.86  | 0.499  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dinoseb                             | <0.676  | U         | 2.86  | 0.676  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Disulfoton                          | <2.15   | U         | 2.86  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Ethyl Parathion                     | <0.625  | U         | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Famphur                             | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachloropropene                   | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isosafrole Peak 2                   | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Methapyrilene                       | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Methyl parathion                    | <2.76   | U         | 2.86  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodiethylamine               | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosomethylethylamine           | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosomorpholine                 | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenacetin                          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phorate                             | <2.61   | U         | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| p-Phenylene diamine                 | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pronamide                           | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Safrole, Total                      | <0.0920 | U         | 0.571 | 0.0920 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Sulfotepp                           | <0.471  | U         | 1.14  | 0.471  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | MB Result    | MB Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|-------|------|---|----------------|----------------|---------|
| Thionazin                   | <0.340       | U            | 1.14     | 0.340 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Surrogate                   | MB %Recovery | MB Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 60           |              | 26 - 136 |       |      |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Fluorobiphenyl            | 62           |              | 39 - 130 |       |      |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Fluorophenol (Surr)       | 74           |              | 19 - 120 |       |      |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Nitrobenzene-d5 (Surr)      | 69           |              | 32 - 133 |       |      |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenol-d5 (Surr)            | 63           |              | 8 - 124  |       |      |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| p-Terphenyl-d14             | 65           |              | 28 - 130 |       |      |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.947      |               | ug/L |   | 87   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 4.882      |               | ug/L |   | 85   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 4.842      |               | ug/L |   | 85   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 4.739      |               | ug/L |   | 83   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.668      |               | ug/L |   | 82   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 5.226      |               | ug/L |   | 91   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.535      |               | ug/L |   | 79   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 4.492      |               | ug/L |   | 79   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 4.761      |               | ug/L |   | 83   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 3.524      |               | ug/L |   | 62   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 5.391      | J             | ug/L |   | 94   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 5.313      |               | ug/L |   | 93   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 5.105      |               | ug/L |   | 89   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 4.688      |               | ug/L |   | 82   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 4.656      |               | ug/L |   | 81   | 33 - 149    |
| 2-Methylphenol               | 5.71        | 5.758      |               | ug/L |   | 101  | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 5.206      |               | ug/L |   | 91   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 5.485      |               | ug/L |   | 96   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 4.456      |               | ug/L |   | 78   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 3.686      |               | ug/L |   | 65   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 5.195      |               | ug/L |   | 91   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.280      |               | ug/L |   | 92   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 4.704      |               | ug/L |   | 82   | 52 - 137    |
| 4-Chloroaniline              | 5.71        | 2.253      |               | ug/L |   | 39   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.917      |               | ug/L |   | 86   | 53 - 134    |
| 4-Nitroaniline               | 5.71        | 5.218      |               | ug/L |   | 91   | 45 - 148    |
| Acenaphthene                 | 5.71        | 4.836      |               | ug/L |   | 85   | 48 - 136    |
| Acenaphthylene               | 5.71        | 4.625      |               | ug/L |   | 81   | 40 - 149    |
| Aniline                      | 5.71        | 1.661      |               | ug/L |   | 29   | 10 - 73     |
| Anthracene                   | 5.71        | 4.963      |               | ug/L |   | 87   | 51 - 146    |
| Benzo[a]anthracene           | 5.71        | 4.869      |               | ug/L |   | 85   | 43 - 145    |
| Benzo[a]pyrene               | 5.71        | 4.899      |               | ug/L |   | 86   | 52 - 136    |
| Benzo[b]fluoranthene         | 5.71        | 4.645      |               | ug/L |   | 81   | 45 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Benzo[g,h,i]perylene        | 5.71        | 4.589      | I             | ug/L |   | 80   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 5.116      |               | ug/L |   | 90   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 2.165      | J *           | ug/L |   | 38   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.871      |               | ug/L |   | 85   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.125      |               | ug/L |   | 90   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.993      |               | ug/L |   | 70   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.923      |               | ug/L |   | 86   | 60 - 150    |
| Chrysene                    | 5.71        | 5.126      |               | ug/L |   | 90   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.896      |               | ug/L |   | 86   | 50 - 147    |
| Dibenzofuran                | 5.71        | 5.281      |               | ug/L |   | 92   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.681      |               | ug/L |   | 82   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.792      |               | ug/L |   | 84   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.771      |               | ug/L |   | 83   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.171      |               | ug/L |   | 90   | 55 - 150    |
| Fluoranthene                | 5.71        | 4.715      |               | ug/L |   | 83   | 50 - 144    |
| Fluorene                    | 5.71        | 4.833      |               | ug/L |   | 85   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 4.765      |               | ug/L |   | 83   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 4.728      |               | ug/L |   | 83   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 5.636      |               | ug/L |   | 99   | 24 - 150    |
| Hexachloroethane            | 5.71        | 5.015      |               | ug/L |   | 88   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.712      |               | ug/L |   | 82   | 46 - 138    |
| Isophorone                  | 5.71        | 4.678      |               | ug/L |   | 82   | 48 - 147    |
| Naphthalene                 | 5.71        | 4.707      |               | ug/L |   | 82   | 35 - 141    |
| Nitrobenzene                | 5.71        | 4.905      |               | ug/L |   | 86   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.949      |               | ug/L |   | 87   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 5.059      |               | ug/L |   | 89   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 4.518      |               | ug/L |   | 79   | 33 - 150    |
| Phenanthrene                | 5.71        | 4.956      |               | ug/L |   | 87   | 54 - 141    |
| Phenol                      | 5.71        | 4.236      | I             | ug/L |   | 74   | 40 - 145    |
| Pyrene                      | 5.71        | 4.976      |               | ug/L |   | 87   | 50 - 143    |
| Pyridine                    | 5.71        | 3.242      |               | ug/L |   | 57   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.256      |               | ug/L |   | 57   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.415      |               | ug/L |   | 95   | 60 - 150    |
| Acetophenone                | 5.71        | 3.670      |               | ug/L |   | 64   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 3.762      |               | ug/L |   | 66   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.969      |               | ug/L |   | 69   | 52 - 128    |
| Diphenyl ether              | 5.71        | 3.772      |               | ug/L |   | 66   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.474      |               | ug/L |   | 61   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 2.269      |               | ug/L |   | 40   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.933      |               | ug/L |   | 69   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 3.758      |               | ug/L |   | 66   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 5.687      |               | ug/L |   | 100  | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 3.344      |               | ug/L |   | 59   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.547      |               | ug/L |   | 27   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 3.378      |               | ug/L |   | 59   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 4.159      |               | ug/L |   | 73   | 45 - 150    |
| 2-Chlorophenol              | 5.71        | 4.900      |               | ug/L |   | 86   | 51 - 143    |
| 2-Naphthylamine             | 5.71        | 2.015      |               | ug/L |   | 35   | 17 - 130    |
| 2-Picoline                  | 5.71        | 1.824      |               | ug/L |   | 32   | 10 - 143    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Toluidine                    | 5.71        | 1.540      |               | ug/L |   | 27   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | 2.676      |               | ug/L |   | 47   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | 0.8005     |               | ug/L |   | 14   | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 3.572      |               | ug/L |   | 63   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.537      |               | ug/L |   | 79   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.543      |               | ug/L |   | 62   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 2.095      |               | ug/L |   | 73   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 2.019      |               | ug/L |   | 71   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.768      |               | ug/L |   | 65   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 1.107      |               | ug/L |   | 75   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.684      |               | ug/L |   | 64   | 45 - 138    |
| Hexachloropropene              | 5.71        | 4.402      |               | ug/L |   | 77   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.798      |               | ug/L |   | 66   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.5962     |               | ug/L |   | 65   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 3.202      |               | ug/L |   | 67   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.769      |               | ug/L |   | 66   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 4.032      |               | ug/L |   | 71   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 5.006      |               | ug/L |   | 88   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.272      |               | ug/L |   | 75   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.787      |               | ug/L |   | 66   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.880      |               | ug/L |   | 68   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.823      |               | ug/L |   | 67   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 4.196      |               | ug/L |   | 73   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 4.840      |               | ug/L |   | 85   | 38 - 145    |
| Phenacetin                     | 5.71        | 4.204      |               | ug/L |   | 74   | 50 - 150    |
| p-Phenylene diamine            | 5.71        | <5.71      | U             | ug/L |   | 11   | 5 - 112     |
| Pronamide                      | 5.71        | 4.063      |               | ug/L |   | 71   | 60 - 150    |
| Safrole, Total                 | 5.71        | 3.730      | *-            | ug/L |   | 65   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 77            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 75            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 74            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 67            |               | 8 - 124  |
| p-Terphenyl-d14             | 70            |               | 28 - 130 |

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.502      |               | ug/L |   | 79   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 3.740      |               | ug/L |   | 65   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 3.697      |               | ug/L |   | 65   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 3.637      |               | ug/L |   | 64   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.089      |               | ug/L |   | 72   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 4.217      |               | ug/L |   | 74   | 58 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,4,6-Trichlorophenol       | 5.71        | 4.449      |               | ug/L |   | 78   | 39 - 145    |
| 2,4-Dichlorophenol          | 5.71        | 4.177      |               | ug/L |   | 73   | 60 - 147    |
| 2,4-Dimethylphenol          | 5.71        | 4.071      |               | ug/L |   | 71   | 58 - 140    |
| 1,4-Dioxane                 | 5.71        | 3.163      |               | ug/L |   | 55   | 31 - 145    |
| 2,4-Dinitrophenol           | 5.71        | 3.918      | J             | ug/L |   | 69   | 10 - 150    |
| 2,4-Dinitrotoluene          | 5.71        | 4.122      |               | ug/L |   | 72   | 29 - 150    |
| 2,6-Dinitrotoluene          | 5.71        | 4.173      |               | ug/L |   | 73   | 55 - 150    |
| 2-Chloronaphthalene         | 5.71        | 3.715      |               | ug/L |   | 65   | 39 - 141    |
| 2-Methylnaphthalene         | 5.71        | 3.785      |               | ug/L |   | 66   | 33 - 149    |
| 2-Methylphenol              | 5.71        | 4.154      |               | ug/L |   | 73   | 49 - 140    |
| 2-Nitroaniline              | 5.71        | 4.066      |               | ug/L |   | 71   | 42 - 150    |
| 2-Nitrophenol               | 5.71        | 3.855      |               | ug/L |   | 67   | 43 - 150    |
| 3 & 4 Methylphenol          | 5.71        | 3.737      |               | ug/L |   | 65   | 39 - 142    |
| 3-Nitroaniline              | 5.71        | 2.734      |               | ug/L |   | 48   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 4.160      |               | ug/L |   | 73   | 10 - 150    |
| 4-Bromophenyl phenyl ether  | 5.71        | 3.571      |               | ug/L |   | 62   | 56 - 136    |
| 4-Chloro-3-methylphenol     | 5.71        | 4.124      |               | ug/L |   | 72   | 52 - 137    |
| 4-Chloroaniline             | 5.71        | 1.968      |               | ug/L |   | 34   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | 5.71        | 3.614      |               | ug/L |   | 63   | 53 - 134    |
| 4-Nitroaniline              | 5.71        | 3.681      |               | ug/L |   | 64   | 45 - 148    |
| Acenaphthene                | 5.71        | 3.791      |               | ug/L |   | 66   | 48 - 136    |
| Acenaphthylene              | 5.71        | 4.131      |               | ug/L |   | 72   | 40 - 149    |
| Aniline                     | 5.71        | 1.760      |               | ug/L |   | 31   | 10 - 73     |
| Anthracene                  | 5.71        | 3.265      |               | ug/L |   | 57   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 5.268      |               | ug/L |   | 92   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 3.508      |               | ug/L |   | 61   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 4.683      |               | ug/L |   | 82   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 3.983      |               | ug/L |   | 70   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.673      |               | ug/L |   | 82   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 3.369      |               | ug/L |   | 59   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 3.525      |               | ug/L |   | 62   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 3.458      |               | ug/L |   | 61   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 5.072      |               | ug/L |   | 89   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.163      |               | ug/L |   | 73   | 60 - 150    |
| Chrysene                    | 5.71        | 4.530      |               | ug/L |   | 79   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 3.501      |               | ug/L |   | 61   | 50 - 147    |
| Dibenzofuran                | 5.71        | 3.556      |               | ug/L |   | 62   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.270      |               | ug/L |   | 75   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 3.670      |               | ug/L |   | 64   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.365      |               | ug/L |   | 76   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.693      |               | ug/L |   | 100  | 55 - 150    |
| Fluoranthene                | 5.71        | 3.887      |               | ug/L |   | 68   | 50 - 144    |
| Fluorene                    | 5.71        | 3.583      |               | ug/L |   | 63   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 3.464      |               | ug/L |   | 61   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 3.757      |               | ug/L |   | 66   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 3.933      |               | ug/L |   | 69   | 24 - 150    |
| Hexachloroethane            | 5.71        | 4.002      |               | ug/L |   | 70   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.511      |               | ug/L |   | 61   | 46 - 138    |
| Isophorone                  | 5.71        | 3.724      |               | ug/L |   | 65   | 48 - 147    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Naphthalene                         | 5.71        | 3.488      |               | ug/L |   | 61   | 35 - 141    |
| Nitrobenzene                        | 5.71        | 3.697      |               | ug/L |   | 65   | 52 - 141    |
| N-Nitrosodi-n-propylamine           | 5.71        | 3.642      |               | ug/L |   | 64   | 41 - 137    |
| N-Nitrosodiphenylamine              | 5.71        | 3.796      |               | ug/L |   | 66   | 51 - 135    |
| Pentachlorophenol                   | 5.71        | 4.662      |               | ug/L |   | 82   | 33 - 150    |
| Phenanthrene                        | 5.71        | 3.597      |               | ug/L |   | 63   | 54 - 141    |
| Phenol                              | 5.71        | 3.781      |               | ug/L |   | 66   | 40 - 145    |
| Pyrene                              | 5.71        | 3.871      |               | ug/L |   | 68   | 50 - 143    |
| Pyridine                            | 5.71        | 2.796      | J             | ug/L |   | 49   | 10 - 84     |
| N-Nitro-o-toluidine                 | 5.71        | 2.565      |               | ug/L |   | 45   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol           | 5.71        | 4.807      |               | ug/L |   | 84   | 60 - 150    |
| Acetophenone                        | 5.71        | 3.560      |               | ug/L |   | 62   | 52 - 136    |
| N-Nitrosopiperidine                 | 5.71        | 2.870      |               | ug/L |   | 50   | 36 - 148    |
| Pentachlorobenzene                  | 5.71        | 3.747      |               | ug/L |   | 66   | 52 - 128    |
| Diphenyl ether                      | 5.71        | 3.619      |               | ug/L |   | 63   | 46 - 130    |
| 1,1'-Biphenyl                       | 5.71        | 3.607      |               | ug/L |   | 63   | 39 - 142    |
| 4-Aminobiphenyl                     | 5.71        | 1.868      |               | ug/L |   | 33   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene          | 5.71        | 3.820      |               | ug/L |   | 67   | 46 - 125    |
| 1,3,5-Trinitrobenzene               | 5.71        | 3.958      |               | ug/L |   | 69   | 42 - 130    |
| 1,3-Dinitrobenzene                  | 5.71        | 4.158      |               | ug/L |   | 73   | 65 - 150    |
| 1,4-Naphthoquinone                  | 5.71        | 3.353      |               | ug/L |   | 59   | 24 - 137    |
| 1-Naphthylamine                     | 5.71        | 1.097      |               | ug/L |   | 19   | 10 - 130    |
| 2,6-Dichlorophenol                  | 5.71        | 3.815      |               | ug/L |   | 67   | 42 - 145    |
| 2-Acetylaminofluorene               | 5.71        | 3.197      |               | ug/L |   | 56   | 45 - 150    |
| 2-Chlorophenol                      | 5.71        | 3.456      |               | ug/L |   | 60   | 51 - 143    |
| 2-Naphthylamine                     | 5.71        | 1.510      |               | ug/L |   | 26   | 17 - 130    |
| 2-Picoline                          | 5.71        | 1.538      |               | ug/L |   | 27   | 10 - 143    |
| 2-Toluidine                         | 5.71        | 1.394      |               | ug/L |   | 24   | 10 - 130    |
| 3,3'-Dichlorobenzidine              | 5.71        | 3.304      |               | ug/L |   | 58   | 10 - 128    |
| 3,3'-Dimethylbenzidine              | 5.71        | 0.9840     |               | ug/L |   | 17   | 10 - 130    |
| 3-Methylcholanthrene                | 5.71        | 3.404      |               | ug/L |   | 60   | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | 5.71        | 2.722      |               | ug/L |   | 48   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.439      |               | ug/L |   | 78   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.463      | J             | ug/L |   | 26   | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 1.744      |               | ug/L |   | 61   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 1.853      |               | ug/L |   | 65   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 2.782      |               | ug/L |   | 66   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 0.9984     |               | ug/L |   | 67   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 3.666      |               | ug/L |   | 64   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 3.660      |               | ug/L |   | 64   | 35 - 140    |
| Isosafrole                          | 5.71        | 3.730      |               | ug/L |   | 65   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.5916     |               | ug/L |   | 65   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 3.138      |               | ug/L |   | 65   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 3.481      |               | ug/L |   | 61   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 3.081      |               | ug/L |   | 54   | 50 - 136    |
| N-Nitrosodimethylamine              | 5.71        | 3.880      |               | ug/L |   | 68   | 33 - 148    |
| N-Nitrosodi-n-butylamine            | 5.71        | 3.188      |               | ug/L |   | 56   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 2.734      |               | ug/L |   | 48   | 30 - 148    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------|-------------|------------|---------------|------|---|------|-------------|
| N-Nitrosomorpholine        | 5.71        | 2.938      |               | ug/L |   | 51   | 40 - 140    |
| N-Nitrosopyrrolidine       | 5.71        | 2.933      |               | ug/L |   | 51   | 20 - 130    |
| p-Dimethylamino azobenzene | 5.71        | 3.365      |               | ug/L |   | 59   | 16 - 150    |
| Pentachloronitrobenzene    | 5.71        | 3.898      |               | ug/L |   | 68   | 38 - 145    |
| Phenacetin                 | 5.71        | 4.376      |               | ug/L |   | 77   | 50 - 150    |
| p-Phenylene diamine        | 5.71        | <5.71      | U             | ug/L |   | 32   | 5 - 112     |
| Pronamide                  | 5.71        | 4.033      |               | ug/L |   | 71   | 60 - 150    |
| Safrole, Total             | 5.71        | 3.808      | *-            | ug/L |   | 67   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 66            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 70            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 69            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 66            |               | 8 - 124  |
| p-Terphenyl-d14             | 66            |               | 28 - 130 |

Lab Sample ID: LCS 860-275601/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Aramite Peak 1                   | 1.43        | 1.031      |               | ug/L |   | 72   | 45 - 150    |
| Aramite Peak 2                   | 1.43        | 0.8516     |               | ug/L |   | 60   | 45 - 150    |
| Aramite, Total                   | 2.86        | <0.184     | U             | ug/L |   | 0    | 45 - 150    |
| Diallate                         | 2.86        | <0.0299    | U             | ug/L |   | 0    | 47 - 150    |
| Diallate Peak 1                  | 2.11        | 1.198      |               | ug/L |   | 57   | 47 - 150    |
| Diallate Peak 2                  | 0.743       | 0.4997     | J             | ug/L |   | 67   | 53 - 142    |
| Dimethoate                       | 2.86        | 8.111      | *+            | ug/L |   | 284  | 70 - 150    |
| Dinoseb                          | 5.71        | 8.559      |               | ug/L |   | 150  | 10 - 150    |
| Disulfoton                       | 2.86        | 6.941      | *+            | ug/L |   | 243  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 7.497      | *+            | ug/L |   | 262  | 70 - 150    |
| Famphur                          | 2.86        | 3.367      |               | ug/L |   | 118  | 10 - 150    |
| Methapyrilene                    | 5.71        | 9.552      | *+            | ug/L |   | 167  | 10 - 150    |
| Methyl parathion                 | 2.86        | 7.246      | *+            | ug/L |   | 254  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.540      |               | ug/L |   | 89   | 38 - 150    |
| Phorate                          | 2.86        | 7.281      | *+            | ug/L |   | 255  | 65 - 150    |
| Sulfotepp                        | 2.86        | 6.981      | *+            | ug/L |   | 244  | 28 - 150    |
| Thionazin                        | 2.86        | 3.363      |               | ug/L |   | 118  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 66            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 67            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 63            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 64            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 58            |               | 8 - 124  |
| p-Terphenyl-d14             | 63            |               | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits |  | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|--|-----|-----------|
|                              |             |             |                |      |   |      |             |  |     |           |
| 1,2,4-Trichlorobenzene       | 5.71        | 4.896       |                | ug/L |   | 86   | 55 - 120    |  | 1   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.870       |                | ug/L |   | 85   | 65 - 130    |  | 0   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.813       |                | ug/L |   | 84   | 26 - 130    |  | 1   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 4.716       |                | ug/L |   | 83   | 60 - 150    |  | 0   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.786       |                | ug/L |   | 84   | 65 - 145    |  | 2   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 5.373       |                | ug/L |   | 94   | 58 - 150    |  | 3   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.645       |                | ug/L |   | 81   | 39 - 145    |  | 2   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.673       |                | ug/L |   | 82   | 60 - 147    |  | 4   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.763       |                | ug/L |   | 83   | 58 - 140    |  | 0   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.557       |                | ug/L |   | 62   | 31 - 145    |  | 1   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 5.395       | J              | ug/L |   | 94   | 10 - 150    |  | 0   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 5.325       |                | ug/L |   | 93   | 29 - 150    |  | 0   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 5.279       |                | ug/L |   | 92   | 55 - 150    |  | 3   | 30        |
| 2-Chloronaphthalene          | 5.71        | 4.702       |                | ug/L |   | 82   | 39 - 141    |  | 0   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.676       |                | ug/L |   | 82   | 33 - 149    |  | 0   | 30        |
| 2-Methylphenol               | 5.71        | 5.807       |                | ug/L |   | 102  | 49 - 140    |  | 1   | 30        |
| 2-Nitroaniline               | 5.71        | 5.308       |                | ug/L |   | 93   | 42 - 150    |  | 2   | 30        |
| 2-Nitrophenol                | 5.71        | 5.670       |                | ug/L |   | 99   | 43 - 150    |  | 3   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 4.136       |                | ug/L |   | 72   | 39 - 142    |  | 7   | 30        |
| 3-Nitroaniline               | 5.71        | 3.541       |                | ug/L |   | 62   | 25 - 130    |  | 4   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 5.359       |                | ug/L |   | 94   | 10 - 150    |  | 3   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.274       |                | ug/L |   | 92   | 56 - 136    |  | 0   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.594       |                | ug/L |   | 80   | 52 - 137    |  | 2   | 30        |
| 4-Chloroaniline              | 5.71        | 2.223       |                | ug/L |   | 39   | 10 - 95     |  | 1   | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.986       |                | ug/L |   | 87   | 53 - 134    |  | 1   | 30        |
| 4-Nitroaniline               | 5.71        | 5.423       |                | ug/L |   | 95   | 45 - 148    |  | 4   | 30        |
| Acenaphthene                 | 5.71        | 4.824       |                | ug/L |   | 84   | 48 - 136    |  | 0   | 30        |
| Acenaphthylene               | 5.71        | 4.646       |                | ug/L |   | 81   | 40 - 149    |  | 0   | 30        |
| Aniline                      | 5.71        | 1.732       |                | ug/L |   | 30   | 10 - 73     |  | 4   | 30        |
| Anthracene                   | 5.71        | 4.728       |                | ug/L |   | 83   | 51 - 146    |  | 5   | 30        |
| Benzo[a]anthracene           | 5.71        | 4.745       |                | ug/L |   | 83   | 43 - 145    |  | 3   | 30        |
| Benzo[a]pyrene               | 5.71        | 4.902       |                | ug/L |   | 86   | 52 - 136    |  | 0   | 30        |
| Benzo[b]fluoranthene         | 5.71        | 4.592       |                | ug/L |   | 80   | 45 - 140    |  | 1   | 30        |
| Benzo[g,h,i]perylene         | 5.71        | 4.585       | I              | ug/L |   | 80   | 44 - 137    |  | 0   | 30        |
| Benzo[k]fluoranthene         | 5.71        | 5.154       |                | ug/L |   | 90   | 37 - 140    |  | 1   | 30        |
| Benzyl alcohol               | 5.71        | 2.074       | J *-           | ug/L |   | 36   | 40 - 133    |  | 4   | 30        |
| Bis(2-chloroethoxy)methane   | 5.71        | 4.889       |                | ug/L |   | 86   | 52 - 143    |  | 0   | 30        |
| Bis(2-chloroethyl)ether      | 5.71        | 5.146       |                | ug/L |   | 90   | 52 - 140    |  | 0   | 30        |
| Bis(2-ethylhexyl) phthalate  | 5.71        | 3.954       |                | ug/L |   | 69   | 50 - 140    |  | 1   | 30        |
| Butyl benzyl phthalate       | 5.71        | 4.898       |                | ug/L |   | 86   | 60 - 150    |  | 1   | 30        |
| Chrysene                     | 5.71        | 4.806       |                | ug/L |   | 84   | 47 - 137    |  | 6   | 30        |
| Dibenz(a,h)anthracene        | 5.71        | 4.923       |                | ug/L |   | 86   | 50 - 147    |  | 1   | 30        |
| Dibenzofuran                 | 5.71        | 5.172       |                | ug/L |   | 91   | 52 - 139    |  | 2   | 30        |
| Diethyl phthalate            | 5.71        | 4.584       |                | ug/L |   | 80   | 55 - 137    |  | 2   | 30        |
| Dimethyl phthalate           | 5.71        | 4.844       |                | ug/L |   | 85   | 44 - 150    |  | 1   | 30        |
| Di-n-butyl phthalate         | 5.71        | 4.736       |                | ug/L |   | 83   | 49 - 146    |  | 1   | 30        |
| Di-n-octyl phthalate         | 5.71        | 5.217       |                | ug/L |   | 91   | 55 - 150    |  | 1   | 30        |
| Fluoranthene                 | 5.71        | 4.590       |                | ug/L |   | 80   | 50 - 144    |  | 3   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                        | Spike | LCSD   | LCSD      | Unit | D | %Rec | %Rec     | RPD | Limit |
|--------------------------------|-------|--------|-----------|------|---|------|----------|-----|-------|
|                                | Added | Result | Qualifier |      |   |      | Limits   |     |       |
| Fluorene                       | 5.71  | 4.806  |           | ug/L |   | 84   | 54 - 136 | 1   | 30    |
| Hexachlorobenzene              | 5.71  | 4.857  |           | ug/L |   | 85   | 55 - 138 | 2   | 30    |
| Hexachlorobutadiene            | 5.71  | 4.716  |           | ug/L |   | 83   | 45 - 150 | 0   | 30    |
| Hexachlorocyclopentadiene      | 5.71  | 5.783  |           | ug/L |   | 101  | 24 - 150 | 3   | 30    |
| Hexachloroethane               | 5.71  | 4.991  |           | ug/L |   | 87   | 30 - 130 | 0   | 30    |
| Indeno[1,2,3-cd]pyrene         | 5.71  | 4.721  |           | ug/L |   | 83   | 46 - 138 | 0   | 30    |
| Isophorone                     | 5.71  | 4.673  |           | ug/L |   | 82   | 48 - 147 | 0   | 30    |
| Naphthalene                    | 5.71  | 4.688  |           | ug/L |   | 82   | 35 - 141 | 0   | 30    |
| Nitrobenzene                   | 5.71  | 5.143  |           | ug/L |   | 90   | 52 - 141 | 5   | 30    |
| N-Nitrosodi-n-propylamine      | 5.71  | 4.788  |           | ug/L |   | 84   | 41 - 137 | 3   | 30    |
| N-Nitrosodiphenylamine         | 5.71  | 5.116  |           | ug/L |   | 90   | 51 - 135 | 1   | 30    |
| Pentachlorophenol              | 5.71  | 4.517  |           | ug/L |   | 79   | 33 - 150 | 0   | 30    |
| Phenanthrene                   | 5.71  | 4.879  |           | ug/L |   | 85   | 54 - 141 | 2   | 30    |
| Phenol                         | 5.71  | 4.155  | I         | ug/L |   | 73   | 40 - 145 | 2   | 30    |
| Pyrene                         | 5.71  | 4.728  |           | ug/L |   | 83   | 50 - 143 | 5   | 30    |
| Pyridine                       | 5.71  | 3.245  |           | ug/L |   | 57   | 10 - 84  | 0   | 30    |
| N-Nitro-o-toluidine            | 5.71  | 3.405  |           | ug/L |   | 60   | 29 - 141 | 4   | 30    |
| 2,3,4,6-Tetrachlorophenol      | 5.71  | 5.562  |           | ug/L |   | 97   | 60 - 150 | 3   | 30    |
| Acetophenone                   | 5.71  | 3.680  |           | ug/L |   | 64   | 52 - 136 | 0   | 30    |
| N-Nitrosopiperidine            | 5.71  | 3.706  |           | ug/L |   | 65   | 36 - 148 | 2   | 30    |
| Pentachlorobenzene             | 5.71  | 3.986  |           | ug/L |   | 70   | 52 - 128 | 0   | 30    |
| Diphenyl ether                 | 5.71  | 3.758  |           | ug/L |   | 66   | 46 - 130 | 0   | 30    |
| 1,1'-Biphenyl                  | 5.71  | 3.595  |           | ug/L |   | 63   | 39 - 142 | 3   | 30    |
| 4-Aminobiphenyl                | 5.71  | 2.299  |           | ug/L |   | 40   | 10 - 115 | 1   | 30    |
| 1,2,4,5-Tetrachlorobenzene     | 5.71  | 3.898  |           | ug/L |   | 68   | 46 - 125 | 1   | 30    |
| 1,3,5-Trinitrobenzene          | 5.71  | 4.343  |           | ug/L |   | 76   | 42 - 130 | 14  | 30    |
| 1,3-Dinitrobenzene             | 5.71  | 5.956  |           | ug/L |   | 104  | 65 - 150 | 5   | 30    |
| 1,4-Naphthoquinone             | 5.71  | 3.471  |           | ug/L |   | 61   | 24 - 137 | 4   | 30    |
| 1-Naphthylamine                | 5.71  | 1.560  |           | ug/L |   | 27   | 10 - 130 | 1   | 30    |
| 2,6-Dichlorophenol             | 5.71  | 3.496  |           | ug/L |   | 61   | 42 - 145 | 3   | 30    |
| 2-Acetylaminofluorene          | 5.71  | 4.309  |           | ug/L |   | 75   | 45 - 150 | 4   | 30    |
| 2-Chlorophenol                 | 5.71  | 4.907  |           | ug/L |   | 86   | 51 - 143 | 0   | 30    |
| 2-Naphthylamine                | 5.71  | 2.092  |           | ug/L |   | 37   | 17 - 130 | 4   | 30    |
| 2-Picoline                     | 5.71  | 1.925  |           | ug/L |   | 34   | 10 - 143 | 5   | 30    |
| 2-Toluidine                    | 5.71  | 1.572  |           | ug/L |   | 28   | 10 - 130 | 2   | 30    |
| 3,3'-Dichlorobenzidine         | 5.71  | 2.679  |           | ug/L |   | 47   | 10 - 128 | 0   | 30    |
| 3,3'-Dimethylbenzidine         | 5.71  | 0.9361 |           | ug/L |   | 16   | 10 - 130 | 16  | 30    |
| 3-Methylcholanthrene           | 5.71  | 3.538  |           | ug/L |   | 62   | 53 - 130 | 1   | 30    |
| 4-Nitroquinoline-1-oxide       | 5.71  | 4.665  |           | ug/L |   | 82   | 20 - 140 | 3   | 30    |
| 7,12-Dimethylbenz(a)anthracene | 5.71  | 3.557  |           | ug/L |   | 62   | 27 - 146 | 0   | 30    |
| Aramite Peak 1                 | 2.86  | 2.155  |           | ug/L |   | 75   | 45 - 150 | 3   | 30    |
| Aramite Peak 2                 | 2.86  | 1.987  |           | ug/L |   | 70   | 45 - 150 | 2   | 30    |
| Diallate Peak 1                | 4.23  | 2.860  |           | ug/L |   | 68   | 47 - 150 | 3   | 30    |
| Diallate Peak 2                | 1.49  | 1.069  |           | ug/L |   | 72   | 53 - 142 | 4   | 30    |
| Ethyl methanesulfonate         | 5.71  | 3.729  |           | ug/L |   | 65   | 45 - 138 | 1   | 30    |
| Hexachloropropene              | 5.71  | 4.421  |           | ug/L |   | 77   | 35 - 140 | 0   | 30    |
| Isosafrole                     | 5.71  | 3.802  |           | ug/L |   | 67   | 47 - 137 | 0   | 30    |
| Isosafrole Peak 1              | 0.914 | 0.6103 |           | ug/L |   | 67   | 48 - 132 | 2   | 30    |
| Isosafrole Peak 2              | 4.80  | 3.192  |           | ug/L |   | 66   | 47 - 137 | 0   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                    | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Methyl methanesulfonate    | 5.71        | 3.823       |                | ug/L |   | 67   | 33 - 140    | 1   | 30        |
| N-Nitrosodiethylamine      | 5.71        | 3.910       |                | ug/L |   | 68   | 50 - 136    | 3   | 30        |
| N-Nitrosodimethylamine     | 5.71        | 5.044       |                | ug/L |   | 88   | 33 - 148    | 1   | 30        |
| N-Nitrosodi-n-butylamine   | 5.71        | 4.217       |                | ug/L |   | 74   | 30 - 150    | 1   | 30        |
| N-Nitrosomethylethylamine  | 5.71        | 3.868       |                | ug/L |   | 68   | 30 - 148    | 2   | 30        |
| N-Nitrosomorpholine        | 5.71        | 3.864       |                | ug/L |   | 68   | 40 - 140    | 0   | 30        |
| N-Nitrosopyrrolidine       | 5.71        | 3.835       |                | ug/L |   | 67   | 20 - 130    | 0   | 30        |
| p-Dimethylamino azobenzene | 5.71        | 4.129       |                | ug/L |   | 72   | 16 - 150    | 2   | 30        |
| Pentachloronitrobenzene    | 5.71        | 4.814       |                | ug/L |   | 84   | 38 - 145    | 1   | 30        |
| Phenacetin                 | 5.71        | 4.002       |                | ug/L |   | 70   | 50 - 150    | 5   | 30        |
| p-Phenylene diamine        | 5.71        | <5.71       | U              | ug/L |   | 15   | 5 - 112     | 27  | 30        |
| Pronamide                  | 5.71        | 4.190       |                | ug/L |   | 73   | 60 - 150    | 3   | 30        |
| Safrole, Total             | 5.71        | 3.712       | *-             | ug/L |   | 65   | 70 - 130    | 1   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 76             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 74             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 74             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 66             |                | 8 - 124  |
| p-Terphenyl-d14             | 69             |                | 28 - 130 |

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.414       |                | ug/L |   | 77   | 55 - 120    | 2   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 3.807       |                | ug/L |   | 67   | 65 - 130    | 2   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 3.670       |                | ug/L |   | 64   | 26 - 130    | 1   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 3.669       |                | ug/L |   | 64   | 60 - 150    | 1   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.032       |                | ug/L |   | 71   | 65 - 145    | 1   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.158       |                | ug/L |   | 73   | 58 - 150    | 1   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.421       |                | ug/L |   | 77   | 39 - 145    | 1   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.092       |                | ug/L |   | 72   | 60 - 147    | 2   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.175       |                | ug/L |   | 73   | 58 - 140    | 3   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.221       |                | ug/L |   | 56   | 31 - 145    | 2   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 3.763       | J              | ug/L |   | 66   | 10 - 150    | 4   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 4.263       |                | ug/L |   | 75   | 29 - 150    | 3   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 4.177       |                | ug/L |   | 73   | 55 - 150    | 0   | 30        |
| 2-Chloronaphthalene          | 5.71        | 3.607       |                | ug/L |   | 63   | 39 - 141    | 3   | 30        |
| 2-Methylnaphthalene          | 5.71        | 3.827       |                | ug/L |   | 67   | 33 - 149    | 1   | 30        |
| 2-Methylphenol               | 5.71        | 4.275       |                | ug/L |   | 75   | 49 - 140    | 3   | 30        |
| 2-Nitroaniline               | 5.71        | 4.187       |                | ug/L |   | 73   | 42 - 150    | 3   | 30        |
| 2-Nitrophenol                | 5.71        | 3.912       |                | ug/L |   | 68   | 43 - 150    | 1   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 3.837       |                | ug/L |   | 67   | 39 - 142    | 3   | 30        |
| 3-Nitroaniline               | 5.71        | 2.885       |                | ug/L |   | 50   | 25 - 130    | 5   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 4.118       |                | ug/L |   | 72   | 10 - 150    | 1   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 4-Bromophenyl phenyl ether  | 5.71        | 3.567       |                | ug/L |   | 62   | 56 - 136    | 0   | 30        |
| 4-Chloro-3-methylphenol     | 5.71        | 4.097       |                | ug/L |   | 72   | 52 - 137    | 1   | 30        |
| 4-Chloroaniline             | 5.71        | 1.950       |                | ug/L |   | 34   | 10 - 95     | 1   | 30        |
| 4-Chlorophenyl phenyl ether | 5.71        | 3.726       |                | ug/L |   | 65   | 53 - 134    | 3   | 30        |
| 4-Nitroaniline              | 5.71        | 3.798       |                | ug/L |   | 66   | 45 - 148    | 3   | 30        |
| Acenaphthene                | 5.71        | 3.788       |                | ug/L |   | 66   | 48 - 136    | 0   | 30        |
| Acenaphthylene              | 5.71        | 4.100       |                | ug/L |   | 72   | 40 - 149    | 1   | 30        |
| Aniline                     | 5.71        | 1.741       |                | ug/L |   | 30   | 10 - 73     | 1   | 30        |
| Anthracene                  | 5.71        | 3.451       |                | ug/L |   | 60   | 51 - 146    | 6   | 30        |
| Benzo[a]anthracene          | 5.71        | 5.230       |                | ug/L |   | 92   | 43 - 145    | 1   | 30        |
| Benzo[a]pyrene              | 5.71        | 3.515       |                | ug/L |   | 62   | 52 - 136    | 0   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 4.650       |                | ug/L |   | 81   | 45 - 140    | 1   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 3.882       |                | ug/L |   | 68   | 44 - 137    | 3   | 30        |
| Benzo[k]fluoranthene        | 5.71        | 4.569       |                | ug/L |   | 80   | 37 - 140    | 2   | 30        |
| Benzyl alcohol              | 5.71        | 3.550       |                | ug/L |   | 62   | 40 - 133    | 5   | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 3.588       |                | ug/L |   | 63   | 52 - 143    | 2   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 3.497       |                | ug/L |   | 61   | 52 - 140    | 1   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 5.017       |                | ug/L |   | 88   | 50 - 140    | 1   | 30        |
| Butyl benzyl phthalate      | 5.71        | 4.268       |                | ug/L |   | 75   | 60 - 150    | 2   | 30        |
| Chrysene                    | 5.71        | 4.390       |                | ug/L |   | 77   | 47 - 137    | 3   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 3.516       |                | ug/L |   | 62   | 50 - 147    | 0   | 30        |
| Dibenzofuran                | 5.71        | 3.584       |                | ug/L |   | 63   | 52 - 139    | 1   | 30        |
| Diethyl phthalate           | 5.71        | 4.398       |                | ug/L |   | 77   | 55 - 137    | 3   | 30        |
| Dimethyl phthalate          | 5.71        | 3.713       |                | ug/L |   | 65   | 44 - 150    | 1   | 30        |
| Di-n-butyl phthalate        | 5.71        | 4.486       |                | ug/L |   | 79   | 49 - 146    | 3   | 30        |
| Di-n-octyl phthalate        | 5.71        | 5.704       |                | ug/L |   | 100  | 55 - 150    | 0   | 30        |
| Fluoranthene                | 5.71        | 3.991       |                | ug/L |   | 70   | 50 - 144    | 3   | 30        |
| Fluorene                    | 5.71        | 3.649       |                | ug/L |   | 64   | 54 - 136    | 2   | 30        |
| Hexachlorobenzene           | 5.71        | 3.563       |                | ug/L |   | 62   | 55 - 138    | 3   | 30        |
| Hexachlorobutadiene         | 5.71        | 3.760       |                | ug/L |   | 66   | 45 - 150    | 0   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 3.942       |                | ug/L |   | 69   | 24 - 150    | 0   | 30        |
| Hexachloroethane            | 5.71        | 4.030       |                | ug/L |   | 71   | 30 - 130    | 1   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.476       |                | ug/L |   | 61   | 46 - 138    | 1   | 30        |
| Isophorone                  | 5.71        | 3.868       |                | ug/L |   | 68   | 48 - 147    | 4   | 30        |
| Naphthalene                 | 5.71        | 3.475       |                | ug/L |   | 61   | 35 - 141    | 0   | 30        |
| Nitrobenzene                | 5.71        | 3.778       |                | ug/L |   | 66   | 52 - 141    | 2   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 3.827       |                | ug/L |   | 67   | 41 - 137    | 5   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 3.857       |                | ug/L |   | 68   | 51 - 135    | 2   | 30        |
| Pentachlorophenol           | 5.71        | 4.613       |                | ug/L |   | 81   | 33 - 150    | 1   | 30        |
| Phenanthrene                | 5.71        | 3.613       |                | ug/L |   | 63   | 54 - 141    | 0   | 30        |
| Phenol                      | 5.71        | 3.939       |                | ug/L |   | 69   | 40 - 145    | 4   | 30        |
| Pyrene                      | 5.71        | 3.966       |                | ug/L |   | 69   | 50 - 143    | 2   | 30        |
| Pyridine                    | 5.71        | 2.822       | J              | ug/L |   | 49   | 10 - 84     | 1   | 30        |
| N-Nitro-o-toluidine         | 5.71        | 2.635       |                | ug/L |   | 46   | 29 - 141    | 3   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.750       |                | ug/L |   | 83   | 60 - 150    | 1   | 30        |
| Acetophenone                | 5.71        | 3.625       |                | ug/L |   | 63   | 52 - 136    | 2   | 30        |
| N-Nitrosopiperidine         | 5.71        | 3.058       |                | ug/L |   | 54   | 36 - 148    | 6   | 30        |
| Pentachlorobenzene          | 5.71        | 3.787       |                | ug/L |   | 66   | 52 - 128    | 1   | 30        |
| Diphenyl ether              | 5.71        | 3.612       |                | ug/L |   | 63   | 46 - 130    | 0   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec     |  | RPD |       |
|-------------------------------------|-------------|-------------|----------------|------|---|------|----------|--|-----|-------|
|                                     |             |             |                |      |   |      | Limits   |  | RPD | Limit |
| 1,1'-Biphenyl                       | 5.71        | 3.530       |                | ug/L |   | 62   | 39 - 142 |  | 2   | 30    |
| 4-Aminobiphenyl                     | 5.71        | 1.895       |                | ug/L |   | 33   | 10 - 115 |  | 1   | 30    |
| 1,2,4,5-Tetrachlorobenzene          | 5.71        | 3.682       |                | ug/L |   | 64   | 46 - 125 |  | 4   | 30    |
| 1,3,5-Trinitrobenzene               | 5.71        | 3.986       |                | ug/L |   | 70   | 42 - 130 |  | 1   | 30    |
| 1,3-Dinitrobenzene                  | 5.71        | 4.296       |                | ug/L |   | 75   | 65 - 150 |  | 3   | 30    |
| 1,4-Naphthoquinone                  | 5.71        | 3.266       |                | ug/L |   | 57   | 24 - 137 |  | 3   | 30    |
| 1-Naphthylamine                     | 5.71        | 1.136       |                | ug/L |   | 20   | 10 - 130 |  | 4   | 30    |
| 2,6-Dichlorophenol                  | 5.71        | 3.833       |                | ug/L |   | 67   | 42 - 145 |  | 0   | 30    |
| 2-Acetylaminofluorene               | 5.71        | 3.426       |                | ug/L |   | 60   | 45 - 150 |  | 7   | 30    |
| 2-Chlorophenol                      | 5.71        | 3.483       |                | ug/L |   | 61   | 51 - 143 |  | 1   | 30    |
| 2-Naphthylamine                     | 5.71        | 1.544       |                | ug/L |   | 27   | 17 - 130 |  | 2   | 30    |
| 2-Picoline                          | 5.71        | 1.551       |                | ug/L |   | 27   | 10 - 143 |  | 1   | 30    |
| 2-Toluidine                         | 5.71        | 1.340       |                | ug/L |   | 23   | 10 - 130 |  | 4   | 30    |
| 3,3'-Dichlorobenzidine              | 5.71        | 3.390       |                | ug/L |   | 59   | 10 - 128 |  | 3   | 30    |
| 3,3'-Dimethylbenzidine              | 5.71        | 1.029       |                | ug/L |   | 18   | 10 - 130 |  | 4   | 30    |
| 3-Methylcholanthrene                | 5.71        | 3.367       |                | ug/L |   | 59   | 53 - 130 |  | 1   | 30    |
| 4-Nitroquinoline-1-oxide            | 5.71        | 2.832       |                | ug/L |   | 50   | 20 - 140 |  | 4   | 30    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.370       |                | ug/L |   | 76   | 27 - 146 |  | 2   | 30    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.610       | J              | ug/L |   | 28   | 5 - 150  |  | 10  | 30    |
| Aramite Peak 1                      | 2.86        | 1.750       |                | ug/L |   | 61   | 45 - 150 |  | 0   | 30    |
| Aramite Peak 2                      | 2.86        | 1.933       |                | ug/L |   | 68   | 45 - 150 |  | 4   | 30    |
| Diallate Peak 1                     | 4.23        | 2.834       |                | ug/L |   | 67   | 47 - 150 |  | 2   | 30    |
| Diallate Peak 2                     | 1.49        | 1.058       |                | ug/L |   | 71   | 53 - 142 |  | 6   | 30    |
| Ethyl methanesulfonate              | 5.71        | 3.723       |                | ug/L |   | 65   | 45 - 138 |  | 2   | 30    |
| Hexachloropropene                   | 5.71        | 3.716       |                | ug/L |   | 65   | 35 - 140 |  | 2   | 30    |
| Isosafrole                          | 5.71        | 3.758       |                | ug/L |   | 66   | 47 - 137 |  | 1   | 30    |
| Isosafrole Peak 1                   | 0.914       | 0.5922      |                | ug/L |   | 65   | 48 - 132 |  | 0   | 30    |
| Isosafrole Peak 2                   | 4.80        | 3.166       |                | ug/L |   | 66   | 47 - 137 |  | 1   | 30    |
| Methyl methanesulfonate             | 5.71        | 3.482       |                | ug/L |   | 61   | 33 - 140 |  | 0   | 30    |
| N-Nitrosodiethylamine               | 5.71        | 3.175       |                | ug/L |   | 56   | 50 - 136 |  | 3   | 30    |
| N-Nitrosodimethylamine              | 5.71        | 3.885       |                | ug/L |   | 68   | 33 - 148 |  | 0   | 30    |
| N-Nitrosodi-n-butylamine            | 5.71        | 3.191       |                | ug/L |   | 56   | 30 - 150 |  | 0   | 30    |
| N-Nitrosomethylethylamine           | 5.71        | 2.805       |                | ug/L |   | 49   | 30 - 148 |  | 3   | 30    |
| N-Nitrosomorpholine                 | 5.71        | 3.006       |                | ug/L |   | 53   | 40 - 140 |  | 2   | 30    |
| N-Nitrosopyrrolidine                | 5.71        | 3.106       |                | ug/L |   | 54   | 20 - 130 |  | 6   | 30    |
| p-Dimethylamino azobenzene          | 5.71        | 3.436       |                | ug/L |   | 60   | 16 - 150 |  | 2   | 30    |
| Pentachloronitrobenzene             | 5.71        | 4.108       |                | ug/L |   | 72   | 38 - 145 |  | 5   | 30    |
| Phenacetin                          | 5.71        | 4.370       |                | ug/L |   | 76   | 50 - 150 |  | 0   | 30    |
| p-Phenylene diamine                 | 5.71        | <5.71       | U              | ug/L |   | 32   | 5 - 112  |  | 0   | 30    |
| Pronamide                           | 5.71        | 4.105       |                | ug/L |   | 72   | 60 - 150 |  | 2   | 30    |
| Safrole, Total                      | 5.71        | 3.767       | *-             | ug/L |   | 66   | 70 - 130 |  | 1   | 30    |

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 74        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 65        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 69        |           | 32 - 133 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

|                  | LCSD      | LCSD      |          |
|------------------|-----------|-----------|----------|
| Surrogate        | %Recovery | Qualifier | Limits   |
| Phenol-d5 (Surr) | 69        |           | 8 - 124  |
| p-Terphenyl-d14  | 65        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275601/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Aramite Peak 1                   | 1.43        | 0.9746      |                | ug/L |   | 68   | 45 - 150    | 6   | 30        |
| Aramite Peak 2                   | 1.43        | 0.8016      |                | ug/L |   | 56   | 45 - 150    | 6   | 30        |
| Aramite, Total                   | 2.86        | <0.184      | U              | ug/L |   | 0    | 45 - 150    | NC  | 30        |
| Diallate                         | 2.86        | <0.0299     | U              | ug/L |   | 0    | 47 - 150    | NC  | 30        |
| Diallate Peak 1                  | 2.11        | 1.195       |                | ug/L |   | 57   | 47 - 150    | 0   | 30        |
| Diallate Peak 2                  | 0.743       | 0.4566      | J              | ug/L |   | 61   | 53 - 142    | 9   | 30        |
| Dimethoate                       | 2.86        | 7.540       | *+             | ug/L |   | 264  | 70 - 150    | 7   | 30        |
| Dinoseb                          | 5.71        | 8.834       | *+             | ug/L |   | 155  | 10 - 150    | 3   | 30        |
| Disulfoton                       | 2.86        | 6.854       | *+             | ug/L |   | 240  | 80 - 150    | 1   | 30        |
| Ethyl Parathion                  | 2.86        | 7.200       | *+             | ug/L |   | 252  | 70 - 150    | 4   | 30        |
| Famphur                          | 2.86        | 3.182       |                | ug/L |   | 111  | 10 - 150    | 6   | 30        |
| Methapyrilene                    | 5.71        | 9.575       | *+             | ug/L |   | 168  | 10 - 150    | 0   | 30        |
| Methyl parathion                 | 2.86        | 7.070       | *+             | ug/L |   | 247  | 80 - 150    | 2   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.431       |                | ug/L |   | 85   | 38 - 150    | 4   | 30        |
| Phorate                          | 2.86        | 6.751       | *+             | ug/L |   | 236  | 65 - 150    | 8   | 30        |
| Sulfotepp                        | 2.86        | 6.580       | *+             | ug/L |   | 230  | 28 - 150    | 6   | 30        |
| Thionazin                        | 2.86        | 3.313       |                | ug/L |   | 116  | 40 - 140    | 1   | 30        |

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 63        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 65        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 66        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 68        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 61        |           | 8 - 124  |
| p-Terphenyl-d14             | 60        |           | 28 - 130 |

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 276089

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | <0.121        | U F1             | 5.68        | 2.528     | F1           | ug/L |   | 44   | 55 - 120    |
| 1,2-Dichlorobenzene          | <0.101        | U F1             | 5.68        | 3.529     | F1           | ug/L |   | 62   | 65 - 130    |
| 1,3-Dichlorobenzene          | <0.108        | U                | 5.68        | 2.590     |              | ug/L |   | 46   | 26 - 130    |
| 1,4-Dichlorobenzene          | <0.109        | U                | 5.68        | 3.885     |              | ug/L |   | 68   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | <1.85         | U F1             | 5.68        | 2.894     | F1           | ug/L |   | 51   | 65 - 145    |
| 2,4,5-Trichlorophenol        | <0.430        | U F1             | 5.68        | 2.873     | F1           | ug/L |   | 51   | 58 - 150    |
| 2,4,6-Trichlorophenol        | <0.117        | U                | 5.68        | 2.413     |              | ug/L |   | 42   | 39 - 145    |
| 2,4-Dichlorophenol           | <0.126        | U F1             | 5.68        | 2.360     | F1           | ug/L |   | 42   | 60 - 147    |
| 2,4-Dimethylphenol           | <0.112        | U F1             | 5.68        | 2.523     | F1           | ug/L |   | 44   | 58 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 276089

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,4-Dioxane                 | <0.105        | U F1             | 5.68        | 1.206     | F1           | ug/L |   | 21   | 31 - 145    |
| 2,4-Dinitrophenol           | <1.38         | U                | 5.68        | 2.434     | J            | ug/L |   | 43   | 10 - 150    |
| 2,4-Dinitrotoluene          | <0.512        | U                | 5.68        | 2.369     |              | ug/L |   | 42   | 29 - 150    |
| 2,6-Dinitrotoluene          | <0.273        | U F1             | 5.68        | 2.901     | F1           | ug/L |   | 51   | 55 - 150    |
| 2-Chloronaphthalene         | <0.118        | U F1             | 5.68        | 2.144     | F1           | ug/L |   | 38   | 39 - 141    |
| 2-Methylnaphthalene         | <0.109        | U                | 5.68        | 3.049     |              | ug/L |   | 54   | 33 - 149    |
| 2-Methylphenol              | <0.109        | U F1             | 5.68        | 1.888     | F1           | ug/L |   | 33   | 49 - 140    |
| 2-Nitroaniline              | <0.158        | U                | 5.68        | 2.578     |              | ug/L |   | 45   | 42 - 150    |
| 2-Nitrophenol               | <0.137        | U                | 5.68        | 2.435     |              | ug/L |   | 43   | 43 - 150    |
| 3 & 4 Methylphenol          | <0.0943       | U F1             | 5.68        | 1.645     | F1           | ug/L |   | 29   | 55 - 142    |
| 3-Nitroaniline              | <0.222        | U F1             | 5.68        | 0.8539    | J F1         | ug/L |   | 15   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol  | <1.23         | U                | 5.68        | 2.156     | J            | ug/L |   | 38   | 10 - 150    |
| 4-Bromophenyl phenyl ether  | <0.105        | U F1             | 5.68        | 2.649     | F1           | ug/L |   | 47   | 56 - 136    |
| 4-Chloro-3-methylphenol     | <0.119        | U F1             | 5.68        | 2.489     | I F1         | ug/L |   | 44   | 52 - 137    |
| 4-Chloroaniline             | <0.0880       | U F1             | 5.68        | 0.2027    | J F1         | ug/L |   | 4    | 10 - 95     |
| 4-Chlorophenyl phenyl ether | <0.0953       | U F1             | 5.68        | 2.724     | F1           | ug/L |   | 48   | 53 - 134    |
| 4-Nitroaniline              | <0.270        | U F1             | 5.68        | 1.836     | F1           | ug/L |   | 32   | 45 - 148    |
| Acenaphthene                | 0.183         | J F1             | 5.68        | 2.504     | F1           | ug/L |   | 41   | 48 - 136    |
| Acenaphthylene              | <0.125        | U                | 5.68        | 2.736     |              | ug/L |   | 48   | 40 - 149    |
| Aniline                     | <0.449        | U F1             | 5.68        | <0.447    | U F1         | ug/L |   | 0    | 10 - 73     |
| Anthracene                  | <0.104        | U F1             | 5.68        | 2.592     | F1           | ug/L |   | 46   | 51 - 146    |
| Benzo[a]anthracene          | <0.127        | U                | 5.68        | 2.965     |              | ug/L |   | 52   | 43 - 145    |
| Benzo[a]pyrene              | <0.107        | U                | 5.68        | 3.049     |              | ug/L |   | 54   | 52 - 136    |
| Benzo[b]fluoranthene        | <0.124        | U                | 5.68        | 3.019     |              | ug/L |   | 53   | 45 - 140    |
| Benzo[g,h,i]perylene        | <0.0902       | U F1             | 5.68        | 2.431     | F1           | ug/L |   | 43   | 44 - 137    |
| Benzo[k]fluoranthene        | <0.123        | U                | 5.68        | 2.732     |              | ug/L |   | 48   | 37 - 140    |
| Benzyl alcohol              | <0.224        | U                | 5.68        | 3.108     | I            | ug/L |   | 55   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | <0.107        | U F1             | 5.68        | 2.612     | I F1         | ug/L |   | 46   | 52 - 143    |
| Bis(2-chloroethyl)ether     | <0.106        | U F1             | 5.68        | 2.397     | F1           | ug/L |   | 42   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | <0.570        | U                | 5.68        | 4.156     |              | ug/L |   | 73   | 50 - 140    |
| Butyl benzyl phthalate      | <0.336        | U                | 5.68        | 3.736     |              | ug/L |   | 66   | 60 - 150    |
| Chrysene                    | <0.0964       | U                | 5.68        | 2.854     |              | ug/L |   | 50   | 47 - 137    |
| Dibenz(a,h)anthracene       | <0.0849       | U F1             | 5.68        | 2.652     | F1           | ug/L |   | 47   | 50 - 147    |
| Dibenzofuran                | 0.127         | J                | 5.68        | 3.247     |              | ug/L |   | 55   | 52 - 139    |
| Diethyl phthalate           | <0.187        | U F1             | 5.68        | 2.435     | F1           | ug/L |   | 43   | 55 - 137    |
| Dimethyl phthalate          | <0.133        | U                | 5.68        | 2.630     |              | ug/L |   | 46   | 44 - 150    |
| Di-n-butyl phthalate        | <0.659        | U                | 5.68        | 3.801     |              | ug/L |   | 67   | 49 - 146    |
| Di-n-octyl phthalate        | <0.285        | U                | 5.68        | 4.280     |              | ug/L |   | 75   | 55 - 150    |
| Fluoranthene                | <0.120        | U                | 5.68        | 3.069     |              | ug/L |   | 54   | 50 - 144    |
| Fluorene                    | <0.113        | U F1             | 5.68        | 2.633     | F1           | ug/L |   | 46   | 54 - 136    |
| Hexachlorobenzene           | <0.132        | U F1             | 5.68        | 2.554     | F1           | ug/L |   | 45   | 55 - 138    |
| Hexachlorobutadiene         | <0.162        | U                | 5.68        | 2.617     |              | ug/L |   | 46   | 45 - 150    |
| Hexachlorocyclopentadiene   | <0.179        | U                | 5.68        | 1.926     |              | ug/L |   | 34   | 24 - 150    |
| Hexachloroethane            | <0.125        | U                | 5.68        | 4.878     |              | ug/L |   | 86   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | <0.103        | U F1             | 5.68        | 2.474     | F1           | ug/L |   | 44   | 46 - 138    |
| Isophorone                  | <0.106        | U F1             | 5.68        | 2.519     | F1           | ug/L |   | 44   | 48 - 147    |
| Naphthalene                 | <0.114        | U                | 5.68        | 6.307     |              | ug/L |   | 111  | 35 - 141    |
| Nitrobenzene                | <0.152        | U                | 5.68        | 4.641     | I            | ug/L |   | 82   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | <0.147        | U F1             | 5.68        | 2.087     | F1           | ug/L |   | 37   | 41 - 137    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 276089

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| N-Nitrosodiphenylamine         | <0.112        | U F1             | 5.68        | 2.531     | F1           | ug/L |   | 45   | 51 - 135    |
| Pentachlorophenol              | <0.312        | U                | 5.68        | 2.712     |              | ug/L |   | 48   | 33 - 150    |
| Phenanthrene                   | <0.107        | U F1             | 5.68        | 2.593     | F1           | ug/L |   | 46   | 54 - 141    |
| Pyrene                         | <0.129        | U                | 5.68        | 2.958     |              | ug/L |   | 52   | 50 - 143    |
| Pyridine                       | <0.835        | U F1             | 5.68        | <0.832    | U F1         | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine            | <0.650        | U F1             | 5.68        | 1.094     | J F1         | ug/L |   | 19   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol      | <0.253        | U F1             | 5.68        | 2.427     | F1           | ug/L |   | 43   | 60 - 150    |
| Acetophenone                   | <0.138        | U F1             | 5.68        | 2.427     | F1           | ug/L |   | 43   | 52 - 136    |
| N-Nitrosopiperidine            | <0.630        | U F1             | 5.68        | 1.723     | F1           | ug/L |   | 30   | 36 - 148    |
| Pentachlorobenzene             | <0.125        | U F1             | 5.68        | 1.907     | F1           | ug/L |   | 34   | 52 - 128    |
| 4-Aminobiphenyl                | <0.195        | U F1             | 5.68        | <0.194    | U F1         | ug/L |   | 0    | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene     | <0.115        | U F1             | 5.68        | 1.941     | F1           | ug/L |   | 34   | 46 - 125    |
| 1,3,5-Trinitrobenzene          | <0.652        | U F1             | 5.68        | 1.794     | F1           | ug/L |   | 32   | 42 - 130    |
| 1,3-Dinitrobenzene             | <0.586        | U F1             | 5.68        | 2.492     | F1           | ug/L |   | 44   | 65 - 150    |
| 1,4-Naphthoquinone             | <0.0611       | U                | 5.68        | 1.725     |              | ug/L |   | 30   | 24 - 137    |
| 1-Naphthylamine                | <0.269        | U F1             | 5.68        | <0.268    | U F1         | ug/L |   | 0    | 10 - 78     |
| 2,6-Dichlorophenol             | <0.0971       | U F1             | 5.68        | 1.934     | F1           | ug/L |   | 34   | 42 - 145    |
| 2-Acetylaminofluorene          | <1.70         | U F2 F1          | 5.68        | 2.324     | J F1         | ug/L |   | 41   | 45 - 150    |
| 2-Chlorophenol                 | <0.102        | U F1             | 5.68        | 2.207     | F1           | ug/L |   | 39   | 51 - 143    |
| 2-Naphthylamine                | <0.411        | U F1             | 5.68        | <0.409    | U F1         | ug/L |   | 0    | 17 - 92     |
| 2-Picoline                     | <1.03         | U F1             | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine                    | <0.424        | U F1             | 5.68        | <0.422    | U F1         | ug/L |   | 0    | 10 - 79     |
| 3,3'-Dichlorobenzidine         | <0.649        | U F1             | 5.68        | <0.646    | U F1         | ug/L |   | 0    | 10 - 128    |
| 3,3'-Dimethylbenzidine         | <0.295        | U F1             | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene           | <0.0880       | U F1             | 5.68        | 2.084     | F1           | ug/L |   | 37   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | <0.635        | U                | 5.68        | 1.161     |              | ug/L |   | 20   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | <0.128        | U                | 5.68        | 2.232     |              | ug/L |   | 39   | 27 - 146    |
| Aramite Peak 1                 | <0.184        | U                | 2.84        | 1.266     |              | ug/L |   | 45   | 45 - 150    |
| Aramite Peak 2                 | <0.203        | U F1             | 2.84        | 1.237     | F1           | ug/L |   | 44   | 45 - 150    |
| Diallate Peak 1                | <0.0747       | U F1             | 4.20        | 1.562     | F1           | ug/L |   | 37   | 47 - 150    |
| Diallate Peak 2                | <0.0298       | U F1             | 1.48        | 0.4826    | J F1         | ug/L |   | 33   | 53 - 142    |
| Ethyl methanesulfonate         | <0.185        | U F1             | 5.68        | 1.390     | F1           | ug/L |   | 24   | 45 - 138    |
| Hexachloropropene              | <0.571        | U F1             | 5.68        | 1.820     | F1           | ug/L |   | 32   | 35 - 140    |
| Isosafrole                     | <0.0230       | U F1             | 5.68        | 2.010     | F1           | ug/L |   | 35   | 47 - 137    |
| Isosafrole Peak 1              | <0.0230       | U F1             | 0.909       | 0.3232    | J F1         | ug/L |   | 36   | 48 - 132    |
| Isosafrole Peak 2              | <0.0983       | U F1             | 4.77        | 1.687     | F1           | ug/L |   | 35   | 47 - 137    |
| Methyl methanesulfonate        | <0.186        | U F1             | 5.68        | 0.7548    | F1           | ug/L |   | 13   | 33 - 140    |
| N-Nitrosodiethylamine          | <0.672        | U F1             | 5.68        | 1.991     | F1           | ug/L |   | 35   | 50 - 136    |
| N-Nitrosodimethylamine         | <0.159        | U F1             | 5.68        | 0.7308    | F1           | ug/L |   | 13   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | <0.723        | U                | 5.68        | 2.095     |              | ug/L |   | 37   | 30 - 150    |
| N-Nitrosomethylethylamine      | <0.700        | U F1             | 5.68        | 1.238     | F1           | ug/L |   | 22   | 30 - 148    |
| N-Nitrosomorpholine            | <0.712        | U F1             | 5.68        | 1.078     | J F1         | ug/L |   | 19   | 40 - 140    |
| N-Nitrosopyrrolidine           | <0.108        | U                | 5.68        | 1.203     |              | ug/L |   | 21   | 20 - 130    |
| p-Dimethylamino azobenzene     | <0.154        | U                | 5.68        | 2.250     |              | ug/L |   | 40   | 16 - 150    |
| Pentachloronitrobenzene        | <0.252        | U                | 5.68        | 2.143     |              | ug/L |   | 38   | 38 - 145    |
| Phenacetin                     | <0.252        | U F1             | 5.68        | 1.961     | F1           | ug/L |   | 35   | 50 - 150    |
| p-Phenylene diamine            | <5.71         | U F1             | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |
| Pronamide                      | <0.134        | U F1             | 5.68        | 2.137     | F1           | ug/L |   | 38   | 60 - 150    |
| Safrole, Total                 | <0.0919       | U *- F1          | 5.68        | 1.958     | F1           | ug/L |   | 34   | 70 - 130    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate                   | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|-----------------------------|-----------------|-----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 33              |                 | 26 - 136 |
| 2-Fluorobiphenyl            | 35              | S1-             | 39 - 130 |
| 2-Fluorophenol (Surr)       | 27              |                 | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 37              |                 | 32 - 133 |
| Phenol-d5 (Surr)            | 18              |                 | 8 - 124  |
| p-Terphenyl-d14             | 37              |                 | 28 - 130 |

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 276737

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                                | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|----------------------------------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------------|
| alpha,alpha-Dimethyl<br>phenethylamine | <1.45            | U *-                | 5.68           | 3.655        | J I *-          | ug/L |   | 64   | 5 - 150        |

| Surrogate                   | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|-----------------------------|-----------------|-----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 39              |                 | 26 - 136 |
| 2-Fluorobiphenyl            | 32              | S1-             | 39 - 130 |
| 2-Fluorophenol (Surr)       | 21              |                 | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 42              |                 | 32 - 133 |
| Phenol-d5 (Surr)            | 16              |                 | 8 - 124  |
| p-Terphenyl-d14             | 36              |                 | 28 - 130 |

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 276089

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|----------------|-----|--------------|
| 1,2,4-Trichlorobenzene       | <0.121           | U F1                | 5.71           | 2.871         | F1               | ug/L |   | 50   | 55 - 120       | 13  | 30           |
| 1,2-Dichlorobenzene          | <0.101           | U F1                | 5.71           | 4.022         |                  | ug/L |   | 70   | 65 - 130       | 13  | 30           |
| 1,3-Dichlorobenzene          | <0.108           | U                   | 5.71           | 2.875         |                  | ug/L |   | 50   | 26 - 130       | 10  | 30           |
| 1,4-Dichlorobenzene          | <0.109           | U                   | 5.71           | 4.590         |                  | ug/L |   | 80   | 60 - 150       | 17  | 30           |
| 2,2'-oxybis[1-chloropropane] | <1.85            | U F1                | 5.71           | 2.726         | J F1             | ug/L |   | 48   | 65 - 145       | 6   | 30           |
| 2,4,5-Trichlorophenol        | <0.430           | U F1                | 5.71           | 3.419         |                  | ug/L |   | 60   | 58 - 150       | 17  | 30           |
| 2,4,6-Trichlorophenol        | <0.117           | U                   | 5.71           | 2.744         |                  | ug/L |   | 48   | 39 - 145       | 13  | 30           |
| 2,4-Dichlorophenol           | <0.126           | U F1                | 5.71           | 2.881         | F1               | ug/L |   | 50   | 60 - 147       | 20  | 30           |
| 2,4-Dimethylphenol           | <0.112           | U F1                | 5.71           | 3.119         | F1               | ug/L |   | 55   | 58 - 140       | 21  | 30           |
| 1,4-Dioxane                  | <0.105           | U F1                | 5.71           | 1.566         | F1               | ug/L |   | 27   | 31 - 145       | 26  | 30           |
| 2,4-Dinitrophenol            | <1.38            | U                   | 5.71           | 3.005         | J                | ug/L |   | 53   | 10 - 150       | 21  | 30           |
| 2,4-Dinitrotoluene           | <0.512           | U                   | 5.71           | 2.956         |                  | ug/L |   | 52   | 29 - 150       | 22  | 30           |
| 2,6-Dinitrotoluene           | <0.273           | U F1                | 5.71           | 3.422         |                  | ug/L |   | 60   | 55 - 150       | 16  | 30           |
| 2-Chloronaphthalene          | <0.118           | U F1                | 5.71           | 2.394         |                  | ug/L |   | 42   | 39 - 141       | 11  | 30           |
| 2-Methylnaphthalene          | <0.109           | U                   | 5.71           | 3.315         |                  | ug/L |   | 58   | 33 - 149       | 8   | 30           |
| 2-Methylphenol               | <0.109           | U F1                | 5.71           | 2.449         | F1               | ug/L |   | 43   | 49 - 140       | 26  | 30           |
| 2-Nitroaniline               | <0.158           | U                   | 5.71           | 3.108         |                  | ug/L |   | 54   | 42 - 150       | 19  | 30           |
| 2-Nitrophenol                | <0.137           | U                   | 5.71           | 2.998         |                  | ug/L |   | 52   | 43 - 150       | 21  | 30           |
| 3 & 4 Methylphenol           | <0.0943          | U F1                | 5.71           | 2.199         | F1               | ug/L |   | 38   | 55 - 142       | 29  | 30           |
| 3-Nitroaniline               | <0.222           | U F1                | 5.71           | 0.7503        | J F1             | ug/L |   | 13   | 25 - 119       | 13  | 30           |
| 4,6-Dinitro-2-methylphenol   | <1.23            | U                   | 5.71           | 2.699         | J                | ug/L |   | 47   | 10 - 150       | 22  | 30           |
| 4-Bromophenyl phenyl ether   | <0.105           | U F1                | 5.71           | 3.022         | F1               | ug/L |   | 53   | 56 - 136       | 13  | 30           |
| 4-Chloro-3-methylphenol      | <0.119           | U F1                | 5.71           | 3.107         | I                | ug/L |   | 54   | 52 - 137       | 22  | 30           |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 276089

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 4-Chloroaniline             | <0.0880       | U F1             | 5.71        | 0.1669     | J I F1        | ug/L |   | 3    | 10 - 95     | 19  | 30        |
| 4-Chlorophenyl phenyl ether | <0.0953       | U F1             | 5.71        | 3.076      |               | ug/L |   | 54   | 53 - 134    | 12  | 30        |
| 4-Nitroaniline              | <0.270        | U F1             | 5.71        | 2.020      | F1            | ug/L |   | 35   | 45 - 148    | 10  | 30        |
| Acenaphthene                | 0.183         | J F1             | 5.71        | 2.948      |               | ug/L |   | 48   | 48 - 136    | 16  | 30        |
| Acenaphthylene              | <0.125        | U                | 5.71        | 2.966      |               | ug/L |   | 52   | 40 - 149    | 8   | 30        |
| Aniline                     | <0.449        | U F1             | 5.71        | <0.450     | U F1          | ug/L |   | 0    | 10 - 73     | NC  | 30        |
| Anthracene                  | <0.104        | U F1             | 5.71        | 3.028      |               | ug/L |   | 53   | 51 - 146    | 16  | 30        |
| Benzo[a]anthracene          | <0.127        | U                | 5.71        | 3.308      |               | ug/L |   | 58   | 43 - 145    | 11  | 30        |
| Benzo[a]pyrene              | <0.107        | U                | 5.71        | 3.563      |               | ug/L |   | 62   | 52 - 136    | 16  | 30        |
| Benzo[b]fluoranthene        | <0.124        | U                | 5.71        | 3.365      |               | ug/L |   | 59   | 45 - 140    | 11  | 30        |
| Benzo[g,h,i]perylene        | <0.0902       | U F1             | 5.71        | 2.879      |               | ug/L |   | 50   | 44 - 137    | 17  | 30        |
| Benzo[k]fluoranthene        | <0.123        | U                | 5.71        | 2.985      |               | ug/L |   | 52   | 37 - 140    | 9   | 30        |
| Benzyl alcohol              | <0.224        | U                | 5.71        | 3.658      | I             | ug/L |   | 64   | 40 - 133    | 16  | 30        |
| Bis(2-chloroethoxy)methane  | <0.107        | U F1             | 5.71        | 3.081      | I             | ug/L |   | 54   | 52 - 143    | 16  | 30        |
| Bis(2-chloroethyl)ether     | <0.106        | U F1             | 5.71        | 2.765      | F1            | ug/L |   | 48   | 52 - 140    | 14  | 30        |
| Bis(2-ethylhexyl) phthalate | <0.570        | U                | 5.71        | 4.731      |               | ug/L |   | 83   | 50 - 140    | 13  | 30        |
| Butyl benzyl phthalate      | <0.336        | U                | 5.71        | 4.343      |               | ug/L |   | 76   | 60 - 150    | 15  | 30        |
| Chrysene                    | <0.0964       | U                | 5.71        | 3.197      |               | ug/L |   | 56   | 47 - 137    | 11  | 30        |
| Dibenz(a,h)anthracene       | <0.0849       | U F1             | 5.71        | 3.116      |               | ug/L |   | 55   | 50 - 147    | 16  | 30        |
| Dibenzofuran                | 0.127         | J                | 5.71        | 4.073      |               | ug/L |   | 69   | 52 - 139    | 23  | 30        |
| Diethyl phthalate           | <0.187        | U F1             | 5.71        | 2.916      | F1            | ug/L |   | 51   | 55 - 137    | 18  | 30        |
| Dimethyl phthalate          | <0.133        | U                | 5.71        | 3.129      |               | ug/L |   | 55   | 44 - 150    | 17  | 30        |
| Di-n-butyl phthalate        | <0.659        | U                | 5.71        | 4.235      |               | ug/L |   | 74   | 49 - 146    | 11  | 30        |
| Di-n-octyl phthalate        | <0.285        | U                | 5.71        | 4.848      |               | ug/L |   | 85   | 55 - 150    | 12  | 30        |
| Fluoranthene                | <0.120        | U                | 5.71        | 3.513      |               | ug/L |   | 61   | 50 - 144    | 13  | 30        |
| Fluorene                    | <0.113        | U F1             | 5.71        | 3.042      | F1            | ug/L |   | 53   | 54 - 136    | 14  | 30        |
| Hexachlorobenzene           | <0.132        | U F1             | 5.71        | 2.828      | F1            | ug/L |   | 49   | 55 - 138    | 10  | 30        |
| Hexachlorobutadiene         | <0.162        | U                | 5.71        | 2.756      |               | ug/L |   | 48   | 45 - 150    | 5   | 30        |
| Hexachlorocyclopentadiene   | <0.179        | U                | 5.71        | 2.245      |               | ug/L |   | 39   | 24 - 150    | 15  | 30        |
| Hexachloroethane            | <0.125        | U                | 5.71        | 5.876      |               | ug/L |   | 103  | 30 - 130    | 19  | 30        |
| Indeno[1,2,3-cd]pyrene      | <0.103        | U F1             | 5.71        | 2.931      |               | ug/L |   | 51   | 46 - 138    | 17  | 30        |
| Isophorone                  | <0.106        | U F1             | 5.71        | 3.011      |               | ug/L |   | 53   | 48 - 147    | 18  | 30        |
| Naphthalene                 | <0.114        | U                | 5.71        | 8.067      |               | ug/L |   | 141  | 35 - 141    | 24  | 30        |
| Nitrobenzene                | <0.152        | U                | 5.71        | 4.999      | I             | ug/L |   | 87   | 52 - 141    | 7   | 30        |
| N-Nitrosodi-n-propylamine   | <0.147        | U F1             | 5.71        | 2.528      |               | ug/L |   | 44   | 41 - 137    | 19  | 30        |
| N-Nitrosodiphenylamine      | <0.112        | U F1             | 5.71        | 2.996      |               | ug/L |   | 52   | 51 - 135    | 17  | 30        |
| Pentachlorophenol           | <0.312        | U                | 5.71        | 3.471      |               | ug/L |   | 61   | 33 - 150    | 25  | 30        |
| Phenanthrene                | <0.107        | U F1             | 5.71        | 3.028      | F1            | ug/L |   | 53   | 54 - 141    | 15  | 30        |
| Pyrene                      | <0.129        | U                | 5.71        | 3.431      |               | ug/L |   | 60   | 50 - 143    | 15  | 30        |
| Pyridine                    | <0.835        | U F1             | 5.71        | <0.837     | U F1          | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine         | <0.650        | U F1             | 5.71        | 1.033      | J F1          | ug/L |   | 18   | 29 - 141    | 6   | 30        |
| 2,3,4,6-Tetrachlorophenol   | <0.253        | U F1             | 5.71        | 2.890      | F1            | ug/L |   | 51   | 60 - 150    | 17  | 30        |
| Acetophenone                | <0.138        | U F1             | 5.71        | 2.693      | F1            | ug/L |   | 47   | 52 - 136    | 10  | 30        |
| N-Nitrosopiperidine         | <0.630        | U F1             | 5.71        | 2.155      |               | ug/L |   | 38   | 36 - 148    | 22  | 30        |
| Pentachlorobenzene          | <0.125        | U F1             | 5.71        | 2.159      | F1            | ug/L |   | 38   | 52 - 128    | 12  | 30        |
| 4-Aminobiphenyl             | <0.195        | U F1             | 5.71        | <0.195     | U F1          | ug/L |   | 0    | 10 - 115    | NC  | 30        |
| 1,2,4,5-Tetrachlorobenzene  | <0.115        | U F1             | 5.71        | 2.115      | F1            | ug/L |   | 37   | 46 - 125    | 9   | 30        |
| 1,3,5-Trinitrobenzene       | <0.652        | U F1             | 5.71        | 1.960      | F1            | ug/L |   | 34   | 42 - 130    | 9   | 30        |
| 1,3-Dinitrobenzene          | <0.586        | U F1             | 5.71        | 3.176      | F1            | ug/L |   | 56   | 65 - 150    | 24  | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 276089

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,4-Naphthoquinone             | <0.0611       | U                | 5.71        | 2.034      |               | ug/L |   | 36   | 24 - 137    | 16  | 30        |
| 1-Naphthylamine                | <0.269        | U F1             | 5.71        | <0.269     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 2,6-Dichlorophenol             | <0.0971       | U F1             | 5.71        | 2.354      | F1            | ug/L |   | 41   | 42 - 145    | 20  | 30        |
| 2-Acetylaminofluorene          | <1.70         | U F2 F1          | 5.71        | 3.294      | F2            | ug/L |   | 58   | 45 - 150    | 35  | 30        |
| 2-Chlorophenol                 | <0.102        | U F1             | 5.71        | 2.667      | F1            | ug/L |   | 47   | 51 - 143    | 19  | 30        |
| 2-Naphthylamine                | <0.411        | U F1             | 5.71        | <0.412     | U F1          | ug/L |   | 0    | 17 - 92     | NC  | 30        |
| 2-Picoline                     | <1.03         | U F1             | 5.71        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine                    | <0.424        | U F1             | 5.71        | 0.4677     | J F1          | ug/L |   | 8    | 10 - 79     | NC  | 30        |
| 3,3'-Dichlorobenzidine         | <0.649        | U F1             | 5.71        | <0.650     | U F1          | ug/L |   | 0    | 10 - 128    | NC  | 30        |
| 3,3'-Dimethylbenzidine         | <0.295        | U F1             | 5.71        | <0.295     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene           | <0.0880       | U F1             | 5.71        | 2.464      | F1            | ug/L |   | 43   | 53 - 130    | 17  | 30        |
| 4-Nitroquinoline-1-oxide       | <0.635        | U                | 5.71        | 1.444      |               | ug/L |   | 25   | 20 - 140    | 22  | 30        |
| 7,12-Dimethylbenz(a)anthracene | <0.128        | U                | 5.71        | 2.451      |               | ug/L |   | 43   | 27 - 146    | 9   | 30        |
| Aramite Peak 1                 | <0.184        | U                | 2.86        | 1.542      |               | ug/L |   | 54   | 45 - 150    | 20  | 30        |
| Aramite Peak 2                 | <0.203        | U F1             | 2.86        | 1.439      |               | ug/L |   | 50   | 45 - 150    | 15  | 30        |
| Diallate Peak 1                | <0.0747       | U F1             | 4.23        | 1.746      | F1            | ug/L |   | 41   | 47 - 150    | 11  | 30        |
| Diallate Peak 2                | <0.0298       | U F1             | 1.49        | 0.5702     | J F1          | ug/L |   | 38   | 53 - 142    | 17  | 30        |
| Ethyl methanesulfonate         | <0.185        | U F1             | 5.71        | 1.691      | F1            | ug/L |   | 30   | 45 - 138    | 20  | 30        |
| Hexachloropropene              | <0.571        | U F1             | 5.71        | 2.068      |               | ug/L |   | 36   | 35 - 140    | 13  | 30        |
| Isosafrole                     | <0.0230       | U F1             | 5.71        | 2.207      | F1            | ug/L |   | 39   | 47 - 137    | 9   | 30        |
| Isosafrole Peak 1              | <0.0230       | U F1             | 0.914       | 0.3555     | J F1          | ug/L |   | 39   | 48 - 132    | 10  | 30        |
| Isosafrole Peak 2              | <0.0983       | U F1             | 4.80        | 1.851      | F1            | ug/L |   | 39   | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate        | <0.186        | U F1             | 5.71        | 0.9156     | F1            | ug/L |   | 16   | 33 - 140    | 19  | 30        |
| N-Nitrosodiethylamine          | <0.672        | U F1             | 5.71        | 2.307      | F1            | ug/L |   | 40   | 50 - 136    | 15  | 30        |
| N-Nitrosodimethylamine         | <0.159        | U F1             | 5.71        | 0.9409     | F1            | ug/L |   | 16   | 33 - 148    | 25  | 30        |
| N-Nitrosodi-n-butylamine       | <0.723        | U                | 5.71        | 2.524      |               | ug/L |   | 44   | 30 - 150    | 19  | 30        |
| N-Nitrosomethylethylamine      | <0.700        | U F1             | 5.71        | 1.562      | F1            | ug/L |   | 27   | 30 - 148    | 23  | 30        |
| N-Nitrosomorpholine            | <0.712        | U F1             | 5.71        | 1.364      | F1            | ug/L |   | 24   | 40 - 140    | 23  | 30        |
| N-Nitrosopyrrolidine           | <0.108        | U                | 5.71        | 1.538      |               | ug/L |   | 27   | 20 - 130    | 24  | 30        |
| p-Dimethylamino azobenzene     | <0.154        | U                | 5.71        | 1.718      |               | ug/L |   | 30   | 16 - 150    | 27  | 30        |
| Pentachloronitrobenzene        | <0.252        | U                | 5.71        | 2.749      |               | ug/L |   | 48   | 38 - 145    | 25  | 30        |
| Phenacetin                     | <0.252        | U F1             | 5.71        | 2.565      | F1            | ug/L |   | 45   | 50 - 150    | 27  | 30        |
| p-Phenylene diamine            | <5.71         | U F1             | 5.71        | <5.71      | U F1          | ug/L |   | 0    | 5 - 112     | NC  | 30        |
| Pronamide                      | <0.134        | U F1             | 5.71        | 2.666      | F1            | ug/L |   | 47   | 60 - 150    | 22  | 30        |
| Safrole, Total                 | <0.0919       | U *- F1          | 5.71        | 2.220      | F1            | ug/L |   | 39   | 70 - 130    | 13  | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 41            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 39            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 35            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 42            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 25            |               | 8 - 124  |
| p-Terphenyl-d14             | 43            |               | 28 - 130 |



# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 276737

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | <1.45         | U *              | 5.71        | 3.231      | J I *         | ug/L |   | 57   | 5 - 150     | 12  | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | MSD Limits |
|-----------------------------|---------------|---------------|------------|
| 2,4,6-Tribromophenol (Surr) | 46            |               | 26 - 136   |
| 2-Fluorobiphenyl            | 35            | S1-           | 39 - 130   |
| 2-Fluorophenol (Surr)       | 28            |               | 19 - 120   |
| Nitrobenzene-d5 (Surr)      | 47            |               | 32 - 133   |
| Phenol-d5 (Surr)            | 22            |               | 8 - 124    |
| p-Terphenyl-d14             | 41            |               | 28 - 130   |

Lab Sample ID: MB 860-277294/1-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4-Chloro-3-methylphenol      | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4-Chloroaniline              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4-Nitroaniline               | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Acenaphthene                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Acenaphthylene               | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Aniline                      | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Anthracene                   | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Benzo[a]anthracene           | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Benzo[a]pyrene               | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-277294/1-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,1'-Biphenyl               | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4-Aminobiphenyl             | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,3-Dinitrobenzene          | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1,4-Naphthoquinone          | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 1-Naphthylamine             | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2,6-Dichlorophenol          | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Acetylaminofluorene       | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Chlorophenol              | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Naphthylamine             | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-277294/1-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Picoline                       | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Toluidine                      | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 3,3'-Dichlorobenzidine           | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 3,3'-Dimethylbenzidine           | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 3-Methylcholanthrene             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Aramite Peak 1                   | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Aramite Peak 2                   | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Aramite, Total                   | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Diallate                         | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Diallate Peak 1                  | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Diallate Peak 2                  | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Dimethoate                       | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Dinoseb                          | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Disulfoton                       | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Ethyl methanesulfonate           | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Ethyl Parathion                  | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Famphur                          | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Hexachloropropene                | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Isosafrole                       | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Isosafrole Peak 1                | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Isosafrole Peak 2                | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Methapyrilene                    | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Methyl methanesulfonate          | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Methyl parathion                 | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosodiethylamine            | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosodimethylamine           | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosomethylethylamine        | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosomorpholine              | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| N-Nitrosopyrrolidine             | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Safrole, Total                   | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Sulfotepp                        | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Thionazin                        | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/20/25 15:43 | 11/21/25 15:18 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 58           |              | 26 - 136 | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Fluorobiphenyl            | 77           |              | 39 - 130 | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| 2-Fluorophenol (Surr)       | 75           |              | 19 - 120 | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| Nitrobenzene-d5 (Surr)      | 82           |              | 32 - 133 | 11/20/25 15:43 | 11/21/25 15:18 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-277294/1-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 277294

| Surrogate        | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 62              |                 | 8 - 124  | 11/20/25 15:43 | 11/21/25 15:18 | 1       |
| p-Terphenyl-d14  | 76              |                 | 28 - 130 | 11/20/25 15:43 | 11/21/25 15:18 | 1       |

Lab Sample ID: MB 860-277294/1-A

Matrix: Water

Analysis Batch: 277532

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                             | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------------|-----------------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45        | U               | 5.71 | 1.45 | ug/L |   | 11/20/25 15:43 | 11/21/25 17:59 | 1       |

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 65              |                 | 26 - 136 | 11/20/25 15:43 | 11/21/25 17:59 | 1       |
| 2-Fluorobiphenyl            | 72              |                 | 39 - 130 | 11/20/25 15:43 | 11/21/25 17:59 | 1       |
| 2-Fluorophenol (Surr)       | 96              |                 | 19 - 120 | 11/20/25 15:43 | 11/21/25 17:59 | 1       |
| Nitrobenzene-d5 (Surr)      | 68              |                 | 32 - 133 | 11/20/25 15:43 | 11/21/25 17:59 | 1       |
| Phenol-d5 (Surr)            | 85              |                 | 8 - 124  | 11/20/25 15:43 | 11/21/25 17:59 | 1       |
| p-Terphenyl-d14             | 74              |                 | 28 - 130 | 11/20/25 15:43 | 11/21/25 17:59 | 1       |

Lab Sample ID: LCS 860-277294/2-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                      | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,2,4-Trichlorobenzene       | 5.71           | 5.717         |                  | ug/L |   | 100  | 55 - 120       |
| 1,2-Dichlorobenzene          | 5.71           | 5.127         |                  | ug/L |   | 90   | 65 - 130       |
| 1,3-Dichlorobenzene          | 5.71           | 4.978         |                  | ug/L |   | 87   | 26 - 130       |
| 1,4-Dichlorobenzene          | 5.71           | 5.032         |                  | ug/L |   | 88   | 60 - 150       |
| 2,2'-oxybis[1-chloropropane] | 5.71           | 5.406         |                  | ug/L |   | 95   | 65 - 145       |
| 2,4,5-Trichlorophenol        | 5.71           | 5.328         |                  | ug/L |   | 93   | 58 - 150       |
| 2,4,6-Trichlorophenol        | 5.71           | 5.104         |                  | ug/L |   | 89   | 39 - 145       |
| 2,4-Dichlorophenol           | 5.71           | 4.770         |                  | ug/L |   | 83   | 60 - 147       |
| 2,4-Dimethylphenol           | 5.71           | 4.805         |                  | ug/L |   | 84   | 58 - 140       |
| 1,4-Dioxane                  | 5.71           | 3.834         |                  | ug/L |   | 67   | 31 - 145       |
| 2,4-Dinitrophenol            | 5.71           | 4.310         | J                | ug/L |   | 75   | 10 - 150       |
| 2,4-Dinitrotoluene           | 5.71           | 4.268         |                  | ug/L |   | 75   | 29 - 150       |
| 2,6-Dinitrotoluene           | 5.71           | 5.177         |                  | ug/L |   | 91   | 55 - 150       |
| 2-Chloronaphthalene          | 5.71           | 5.137         |                  | ug/L |   | 90   | 39 - 141       |
| 2-Methylnaphthalene          | 5.71           | 5.224         |                  | ug/L |   | 91   | 33 - 149       |
| 2-Methylphenol               | 5.71           | 4.906         |                  | ug/L |   | 86   | 49 - 140       |
| 2-Nitroaniline               | 5.71           | 4.796         |                  | ug/L |   | 84   | 42 - 150       |
| 2-Nitrophenol                | 5.71           | 5.078         |                  | ug/L |   | 89   | 43 - 150       |
| 3 & 4 Methylphenol           | 5.71           | 4.151         |                  | ug/L |   | 73   | 39 - 142       |
| 3-Nitroaniline               | 5.71           | 3.264         |                  | ug/L |   | 57   | 25 - 130       |
| 4,6-Dinitro-2-methylphenol   | 5.71           | 4.414         |                  | ug/L |   | 77   | 10 - 150       |
| 4-Bromophenyl phenyl ether   | 5.71           | 5.564         |                  | ug/L |   | 97   | 56 - 136       |
| 4-Chloro-3-methylphenol      | 5.71           | 4.875         |                  | ug/L |   | 85   | 52 - 137       |
| 4-Chloroaniline              | 5.71           | 2.459         |                  | ug/L |   | 43   | 10 - 95        |
| 4-Chlorophenyl phenyl ether  | 5.71           | 4.816         |                  | ug/L |   | 84   | 53 - 134       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-277294/2-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 4-Nitroaniline              | 5.71        | 4.614      |               | ug/L |   | 81   | 45 - 148    |
| Acenaphthene                | 5.71        | 4.871      |               | ug/L |   | 85   | 48 - 136    |
| Acenaphthylene              | 5.71        | 5.021      |               | ug/L |   | 88   | 40 - 149    |
| Aniline                     | 5.71        | 1.737      |               | ug/L |   | 30   | 10 - 73     |
| Anthracene                  | 5.71        | 5.206      |               | ug/L |   | 91   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 5.655      |               | ug/L |   | 99   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 5.979      |               | ug/L |   | 105  | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 5.975      |               | ug/L |   | 105  | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 6.111      | I             | ug/L |   | 107  | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 6.340      |               | ug/L |   | 111  | 37 - 140    |
| Benzyl alcohol              | 5.71        | 3.252      |               | ug/L |   | 57   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.981      |               | ug/L |   | 87   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.212      |               | ug/L |   | 91   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.725      |               | ug/L |   | 65   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.240      |               | ug/L |   | 74   | 60 - 150    |
| Chrysene                    | 5.71        | 6.624      |               | ug/L |   | 116  | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 6.551      |               | ug/L |   | 115  | 50 - 147    |
| Dibenzofuran                | 5.71        | 4.721      |               | ug/L |   | 83   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.757      |               | ug/L |   | 83   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.644      |               | ug/L |   | 81   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.510      |               | ug/L |   | 79   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 4.533      |               | ug/L |   | 79   | 55 - 150    |
| Fluoranthene                | 5.71        | 5.358      |               | ug/L |   | 94   | 50 - 144    |
| Fluorene                    | 5.71        | 4.917      |               | ug/L |   | 86   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 5.949      |               | ug/L |   | 104  | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 6.276      |               | ug/L |   | 110  | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 5.831      |               | ug/L |   | 102  | 24 - 150    |
| Hexachloroethane            | 5.71        | 5.565      |               | ug/L |   | 97   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 5.480      |               | ug/L |   | 96   | 46 - 138    |
| Isophorone                  | 5.71        | 4.648      |               | ug/L |   | 81   | 48 - 147    |
| Naphthalene                 | 5.71        | 5.115      |               | ug/L |   | 90   | 35 - 141    |
| Nitrobenzene                | 5.71        | 4.787      |               | ug/L |   | 84   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.553      |               | ug/L |   | 80   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 5.112      |               | ug/L |   | 89   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 3.899      |               | ug/L |   | 68   | 33 - 150    |
| Phenanthrene                | 5.71        | 5.466      |               | ug/L |   | 96   | 54 - 141    |
| Phenol                      | 5.71        | 3.821      | I             | ug/L |   | 67   | 40 - 145    |
| Pyrene                      | 5.71        | 5.366      |               | ug/L |   | 94   | 50 - 143    |
| Pyridine                    | 5.71        | 2.488      | J             | ug/L |   | 44   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 2.994      |               | ug/L |   | 52   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.916      |               | ug/L |   | 104  | 60 - 150    |
| Acetophenone                | 5.71        | 3.782      |               | ug/L |   | 66   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 3.376      |               | ug/L |   | 59   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 4.154      |               | ug/L |   | 73   | 52 - 128    |
| Diphenyl ether              | 5.71        | 3.802      |               | ug/L |   | 67   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.937      |               | ug/L |   | 69   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 2.393      |               | ug/L |   | 42   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 5.010      |               | ug/L |   | 88   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 2.790      |               | ug/L |   | 49   | 42 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-277294/2-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,3-Dinitrobenzene             | 5.71        | 5.499      |               | ug/L |   | 96   | 65 - 150    |
| 1,4-Naphthoquinone             | 5.71        | 3.467      |               | ug/L |   | 61   | 24 - 137    |
| 1-Naphthylamine                | 5.71        | 2.031      |               | ug/L |   | 36   | 10 - 130    |
| 2,6-Dichlorophenol             | 5.71        | 3.667      |               | ug/L |   | 64   | 42 - 145    |
| 2-Acetylaminofluorene          | 5.71        | 3.809      |               | ug/L |   | 67   | 45 - 150    |
| 2-Chlorophenol                 | 5.71        | 4.898      |               | ug/L |   | 86   | 51 - 143    |
| 2-Naphthylamine                | 5.71        | 2.070      |               | ug/L |   | 36   | 17 - 130    |
| 2-Picoline                     | 5.71        | 1.397      |               | ug/L |   | 24   | 10 - 143    |
| 2-Toluidine                    | 5.71        | 2.011      |               | ug/L |   | 35   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | 2.056      |               | ug/L |   | 36   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295     | U *           | ug/L |   | 4    | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 3.998      |               | ug/L |   | 70   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 3.750      |               | ug/L |   | 66   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 4.068      |               | ug/L |   | 71   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 1.816      |               | ug/L |   | 64   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.918      |               | ug/L |   | 67   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.707      |               | ug/L |   | 64   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 1.039      |               | ug/L |   | 70   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.858      |               | ug/L |   | 68   | 45 - 138    |
| Hexachloropropene              | 5.71        | 5.217      |               | ug/L |   | 91   | 35 - 140    |
| Isosafrole                     | 5.71        | 4.285      |               | ug/L |   | 75   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.6972     |               | ug/L |   | 76   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 3.588      |               | ug/L |   | 75   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 4.092      |               | ug/L |   | 72   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.738      |               | ug/L |   | 65   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.767      |               | ug/L |   | 83   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.621      |               | ug/L |   | 81   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.953      |               | ug/L |   | 69   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 4.001      |               | ug/L |   | 70   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.347      |               | ug/L |   | 59   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 3.757      |               | ug/L |   | 66   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 4.702      |               | ug/L |   | 82   | 38 - 145    |
| Phenacetin                     | 5.71        | 3.536      |               | ug/L |   | 62   | 50 - 150    |
| p-Phenylene diamine            | 5.71        | <5.71      | U             | ug/L |   | 5    | 5 - 112     |
| Pronamide                      | 5.71        | 3.612      |               | ug/L |   | 63   | 60 - 150    |
| Safrole, Total                 | 5.71        | 4.224      |               | ug/L |   | 74   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 77            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 76            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 74            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 80            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 69            |               | 8 - 124  |
| p-Terphenyl-d14             | 84            |               | 28 - 130 |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-277294/4-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                           | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Pyridine                          | 11.4        | 12.11      | *+            | ug/L |   | 106  | 10 - 84     |
| Acetophenone                      | 11.4        | 7.832      |               | ug/L |   | 69   | 52 - 136    |
| Aramite Peak 1                    | 1.43        | 1.263      |               | ug/L |   | 88   | 45 - 150    |
| Aramite Peak 2                    | 1.43        | 0.9815     |               | ug/L |   | 69   | 45 - 150    |
| Aramite, Total                    | 2.86        | <0.184     | U *-          | ug/L |   | 0    | 45 - 150    |
| Diallate                          | 2.86        | <0.0299    | U *-          | ug/L |   | 0    | 47 - 150    |
| Diallate Peak 1                   | 2.11        | 1.726      |               | ug/L |   | 82   | 47 - 150    |
| Diallate Peak 2                   | 0.743       | 0.6410     |               | ug/L |   | 86   | 53 - 142    |
| Dimethoate                        | 2.86        | 8.571      | *+            | ug/L |   | 300  | 70 - 150    |
| Dinoseb                           | 5.71        | 8.559      |               | ug/L |   | 150  | 10 - 150    |
| Disulfoton                        | 2.86        | 8.044      | *+            | ug/L |   | 282  | 80 - 150    |
| Ethyl Parathion                   | 2.86        | 7.265      | *+            | ug/L |   | 254  | 70 - 150    |
| Famphur                           | 2.86        | 3.908      |               | ug/L |   | 137  | 10 - 150    |
| Methapyrilene                     | 5.71        | 10.19      | *+            | ug/L |   | 178  | 10 - 150    |
| Methyl parathion                  | 2.86        | 8.106      | *+            | ug/L |   | 284  | 80 - 150    |
| o,o',o''-Triethylphosphorothioate | 2.86        | 3.692      |               | ug/L |   | 129  | 38 - 150    |
| Phorate                           | 2.86        | 8.783      | *+            | ug/L |   | 307  | 65 - 150    |
| Safrole, Total                    | 2.86        | 2.363      |               | ug/L |   | 83   | 70 - 130    |
| Sulfotepp                         | 2.86        | 8.878      | *+            | ug/L |   | 311  | 28 - 150    |
| Thionazin                         | 2.86        | 3.829      |               | ug/L |   | 134  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 71            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 84            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 81            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 90            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 73            |               | 8 - 124  |
| p-Terphenyl-d14             | 73            |               | 28 - 130 |

Lab Sample ID: LCSD 860-277294/3-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.411       |                | ug/L |   | 95   | 55 - 120    | 6   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.909       |                | ug/L |   | 86   | 65 - 130    | 4   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.765       |                | ug/L |   | 83   | 26 - 130    | 4   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 4.763       |                | ug/L |   | 83   | 60 - 150    | 5   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 5.106       |                | ug/L |   | 89   | 65 - 145    | 6   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 5.160       |                | ug/L |   | 90   | 58 - 150    | 3   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.916       |                | ug/L |   | 86   | 39 - 145    | 4   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.768       |                | ug/L |   | 83   | 60 - 147    | 0   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.689       |                | ug/L |   | 82   | 58 - 140    | 2   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.632       |                | ug/L |   | 64   | 31 - 145    | 5   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 4.635       | J              | ug/L |   | 81   | 10 - 150    | 7   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 4.347       |                | ug/L |   | 76   | 29 - 150    | 2   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 4.939       |                | ug/L |   | 86   | 55 - 150    | 5   | 30        |
| 2-Chloronaphthalene          | 5.71        | 4.735       |                | ug/L |   | 83   | 39 - 141    | 8   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-277294/3-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2-Methylnaphthalene         | 5.71        | 4.928       |                | ug/L |   | 86   | 33 - 149    | 6   | 30        |
| 2-Methylphenol              | 5.71        | 5.028       |                | ug/L |   | 88   | 49 - 140    | 2   | 30        |
| 2-Nitroaniline              | 5.71        | 4.732       |                | ug/L |   | 83   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol               | 5.71        | 4.945       |                | ug/L |   | 87   | 43 - 150    | 3   | 30        |
| 3 & 4 Methylphenol          | 5.71        | 3.915       |                | ug/L |   | 69   | 39 - 142    | 6   | 30        |
| 3-Nitroaniline              | 5.71        | 3.257       |                | ug/L |   | 57   | 25 - 130    | 0   | 30        |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 4.552       |                | ug/L |   | 80   | 10 - 150    | 3   | 30        |
| 4-Bromophenyl phenyl ether  | 5.71        | 5.487       |                | ug/L |   | 96   | 56 - 136    | 1   | 30        |
| 4-Chloro-3-methylphenol     | 5.71        | 4.569       |                | ug/L |   | 80   | 52 - 137    | 6   | 30        |
| 4-Chloroaniline             | 5.71        | 2.425       |                | ug/L |   | 42   | 10 - 95     | 1   | 30        |
| 4-Chlorophenyl phenyl ether | 5.71        | 4.686       |                | ug/L |   | 82   | 53 - 134    | 3   | 30        |
| 4-Nitroaniline              | 5.71        | 4.380       |                | ug/L |   | 77   | 45 - 148    | 5   | 30        |
| Acenaphthene                | 5.71        | 4.669       |                | ug/L |   | 82   | 48 - 136    | 4   | 30        |
| Acenaphthylene              | 5.71        | 4.767       |                | ug/L |   | 83   | 40 - 149    | 5   | 30        |
| Aniline                     | 5.71        | 1.380       |                | ug/L |   | 24   | 10 - 73     | 23  | 30        |
| Anthracene                  | 5.71        | 5.166       |                | ug/L |   | 90   | 51 - 146    | 1   | 30        |
| Benzo[a]anthracene          | 5.71        | 5.354       |                | ug/L |   | 94   | 43 - 145    | 5   | 30        |
| Benzo[a]pyrene              | 5.71        | 5.521       |                | ug/L |   | 97   | 52 - 136    | 8   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 5.498       |                | ug/L |   | 96   | 45 - 140    | 8   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 5.371       | I              | ug/L |   | 94   | 44 - 137    | 13  | 30        |
| Benzo[k]fluoranthene        | 5.71        | 5.906       |                | ug/L |   | 103  | 37 - 140    | 7   | 30        |
| Benzyl alcohol              | 5.71        | 2.735       | J              | ug/L |   | 48   | 40 - 133    | 17  | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.755       |                | ug/L |   | 83   | 52 - 143    | 5   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 5.132       |                | ug/L |   | 90   | 52 - 140    | 2   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.641       |                | ug/L |   | 64   | 50 - 140    | 2   | 30        |
| Butyl benzyl phthalate      | 5.71        | 3.973       |                | ug/L |   | 70   | 60 - 150    | 6   | 30        |
| Chrysene                    | 5.71        | 6.204       |                | ug/L |   | 109  | 47 - 137    | 7   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 5.927       |                | ug/L |   | 104  | 50 - 147    | 10  | 30        |
| Dibenzofuran                | 5.71        | 4.518       |                | ug/L |   | 79   | 52 - 139    | 4   | 30        |
| Diethyl phthalate           | 5.71        | 4.395       |                | ug/L |   | 77   | 55 - 137    | 8   | 30        |
| Dimethyl phthalate          | 5.71        | 4.364       |                | ug/L |   | 76   | 44 - 150    | 6   | 30        |
| Di-n-butyl phthalate        | 5.71        | 4.162       |                | ug/L |   | 73   | 49 - 146    | 8   | 30        |
| Di-n-octyl phthalate        | 5.71        | 4.248       |                | ug/L |   | 74   | 55 - 150    | 6   | 30        |
| Fluoranthene                | 5.71        | 4.645       |                | ug/L |   | 81   | 50 - 144    | 14  | 30        |
| Fluorene                    | 5.71        | 4.820       |                | ug/L |   | 84   | 54 - 136    | 2   | 30        |
| Hexachlorobenzene           | 5.71        | 5.485       |                | ug/L |   | 96   | 55 - 138    | 8   | 30        |
| Hexachlorobutadiene         | 5.71        | 5.798       |                | ug/L |   | 101  | 45 - 150    | 8   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 5.779       |                | ug/L |   | 101  | 24 - 150    | 1   | 30        |
| Hexachloroethane            | 5.71        | 5.123       |                | ug/L |   | 90   | 30 - 130    | 8   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 5.016       |                | ug/L |   | 88   | 46 - 138    | 9   | 30        |
| Isophorone                  | 5.71        | 4.573       |                | ug/L |   | 80   | 48 - 147    | 2   | 30        |
| Naphthalene                 | 5.71        | 4.803       |                | ug/L |   | 84   | 35 - 141    | 6   | 30        |
| Nitrobenzene                | 5.71        | 4.658       |                | ug/L |   | 82   | 52 - 141    | 3   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.349       |                | ug/L |   | 76   | 41 - 137    | 5   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 5.088       |                | ug/L |   | 89   | 51 - 135    | 0   | 30        |
| Pentachlorophenol           | 5.71        | 3.863       |                | ug/L |   | 68   | 33 - 150    | 1   | 30        |
| Phenanthrene                | 5.71        | 5.157       |                | ug/L |   | 90   | 54 - 141    | 6   | 30        |
| Phenol                      | 5.71        | 3.828       | I              | ug/L |   | 67   | 40 - 145    | 0   | 30        |
| Pyrene                      | 5.71        | 5.120       |                | ug/L |   | 90   | 50 - 143    | 5   | 30        |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-277294/3-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec     |  | RPD | Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|----------|--|-----|-------|
|                                |             |             |                |      |   |      | Limits   |  |     |       |
| Pyridine                       | 5.71        | 1.770       | J *1           | ug/L |   | 31   | 10 - 84  |  | 34  | 30    |
| N-Nitro-o-toluidine            | 5.71        | 3.201       |                | ug/L |   | 56   | 29 - 141 |  | 7   | 30    |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 5.620       |                | ug/L |   | 98   | 60 - 150 |  | 5   | 30    |
| Acetophenone                   | 5.71        | 3.688       |                | ug/L |   | 65   | 52 - 136 |  | 2   | 30    |
| N-Nitrosopiperidine            | 5.71        | 3.290       |                | ug/L |   | 58   | 36 - 148 |  | 3   | 30    |
| Pentachlorobenzene             | 5.71        | 4.112       |                | ug/L |   | 72   | 52 - 128 |  | 1   | 30    |
| Diphenyl ether                 | 5.71        | 3.555       |                | ug/L |   | 62   | 46 - 130 |  | 7   | 30    |
| 1,1'-Biphenyl                  | 5.71        | 3.684       |                | ug/L |   | 64   | 39 - 142 |  | 7   | 30    |
| 4-Aminobiphenyl                | 5.71        | 2.263       |                | ug/L |   | 40   | 10 - 115 |  | 6   | 30    |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 4.672       |                | ug/L |   | 82   | 46 - 125 |  | 7   | 30    |
| 1,3,5-Trinitrobenzene          | 5.71        | 2.931       |                | ug/L |   | 51   | 42 - 130 |  | 5   | 30    |
| 1,3-Dinitrobenzene             | 5.71        | 5.633       |                | ug/L |   | 99   | 65 - 150 |  | 2   | 30    |
| 1,4-Naphthoquinone             | 5.71        | 3.454       |                | ug/L |   | 60   | 24 - 137 |  | 0   | 30    |
| 1-Naphthylamine                | 5.71        | 2.031       |                | ug/L |   | 36   | 10 - 130 |  | 0   | 30    |
| 2,6-Dichlorophenol             | 5.71        | 3.616       |                | ug/L |   | 63   | 42 - 145 |  | 1   | 30    |
| 2-Acetylaminofluorene          | 5.71        | 3.643       |                | ug/L |   | 64   | 45 - 150 |  | 4   | 30    |
| 2-Chlorophenol                 | 5.71        | 4.796       |                | ug/L |   | 84   | 51 - 143 |  | 2   | 30    |
| 2-Naphthylamine                | 5.71        | 1.899       |                | ug/L |   | 33   | 17 - 130 |  | 9   | 30    |
| 2-Picoline                     | 5.71        | <1.03       | U *1           | ug/L |   | 13   | 10 - 143 |  | 59  | 30    |
| 2-Toluidine                    | 5.71        | 1.911       |                | ug/L |   | 33   | 10 - 130 |  | 5   | 30    |
| 3,3'-Dichlorobenzidine         | 5.71        | 1.825       |                | ug/L |   | 32   | 10 - 128 |  | 12  | 30    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295      | U *-           | ug/L |   | 4    | 10 - 130 |  | 14  | 30    |
| 3-Methylcholanthrene           | 5.71        | 3.621       |                | ug/L |   | 63   | 53 - 130 |  | 10  | 30    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 3.875       |                | ug/L |   | 68   | 20 - 140 |  | 3   | 30    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.828       |                | ug/L |   | 67   | 27 - 146 |  | 6   | 30    |
| Aramite Peak 1                 | 2.86        | 1.793       |                | ug/L |   | 63   | 45 - 150 |  | 1   | 30    |
| Aramite Peak 2                 | 2.86        | 1.785       |                | ug/L |   | 62   | 45 - 150 |  | 7   | 30    |
| Diallate Peak 1                | 4.23        | 2.571       |                | ug/L |   | 61   | 47 - 150 |  | 5   | 30    |
| Diallate Peak 2                | 1.49        | 1.041       |                | ug/L |   | 70   | 53 - 142 |  | 0   | 30    |
| Ethyl methanesulfonate         | 5.71        | 3.682       |                | ug/L |   | 64   | 45 - 138 |  | 5   | 30    |
| Hexachloropropene              | 5.71        | 4.890       |                | ug/L |   | 86   | 35 - 140 |  | 6   | 30    |
| Isosafrole                     | 5.71        | 4.139       |                | ug/L |   | 72   | 47 - 137 |  | 3   | 30    |
| Isosafrole Peak 1              | 0.914       | 0.6797      |                | ug/L |   | 74   | 48 - 132 |  | 3   | 30    |
| Isosafrole Peak 2              | 4.80        | 3.459       |                | ug/L |   | 72   | 47 - 137 |  | 4   | 30    |
| Methyl methanesulfonate        | 5.71        | 3.889       |                | ug/L |   | 68   | 33 - 140 |  | 5   | 30    |
| N-Nitrosodiethylamine          | 5.71        | 3.685       |                | ug/L |   | 64   | 50 - 136 |  | 1   | 30    |
| N-Nitrosodimethylamine         | 5.71        | 4.684       | I              | ug/L |   | 82   | 33 - 148 |  | 2   | 30    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.353       |                | ug/L |   | 76   | 30 - 150 |  | 6   | 30    |
| N-Nitrosomethylethylamine      | 5.71        | 3.923       |                | ug/L |   | 69   | 30 - 148 |  | 1   | 30    |
| N-Nitrosomorpholine            | 5.71        | 3.858       |                | ug/L |   | 68   | 40 - 140 |  | 4   | 30    |
| N-Nitrosopyrrolidine           | 5.71        | 3.334       |                | ug/L |   | 58   | 20 - 130 |  | 0   | 30    |
| p-Dimethylamino azobenzene     | 5.71        | 3.508       |                | ug/L |   | 61   | 16 - 150 |  | 7   | 30    |
| Pentachloronitrobenzene        | 5.71        | 4.674       | I              | ug/L |   | 82   | 38 - 145 |  | 1   | 30    |
| Phenacetin                     | 5.71        | 3.505       |                | ug/L |   | 61   | 50 - 150 |  | 1   | 30    |
| p-Phenylene diamine            | 5.71        | <5.71       | U *-           | ug/L |   | 4    | 5 - 112  |  | 21  | 30    |
| Pronamide                      | 5.71        | 3.682       |                | ug/L |   | 64   | 60 - 150 |  | 2   | 30    |
| Safrole, Total                 | 5.71        | 4.081       |                | ug/L |   | 71   | 70 - 130 |  | 3   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-277294/3-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 277294

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 77        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 62        |           | 8 - 124  |
| p-Terphenyl-d14             | 77        |           | 28 - 130 |

Lab Sample ID: LCSD 860-277294/5-A

Matrix: Water

Analysis Batch: 277514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Pyridine                         | 11.4        | 12.47       | *+             | ug/L |   | 109  | 10 - 84     | 3   | 30        |
| Acetophenone                     | 11.4        | 7.910       |                | ug/L |   | 69   | 52 - 136    | 1   | 30        |
| Aramite Peak 1                   | 1.43        | 1.296       |                | ug/L |   | 91   | 45 - 150    | 3   | 30        |
| Aramite Peak 2                   | 1.43        | 1.145       |                | ug/L |   | 80   | 45 - 150    | 15  | 30        |
| Aramite, Total                   | 2.86        | <0.184      | U *            | ug/L |   | 0    | 45 - 150    | NC  | 30        |
| Diallate                         | 2.86        | <0.0299     | U *            | ug/L |   | 0    | 47 - 150    | NC  | 30        |
| Diallate Peak 1                  | 2.11        | 1.801       |                | ug/L |   | 85   | 47 - 150    | 4   | 30        |
| Diallate Peak 2                  | 0.743       | 0.7056      |                | ug/L |   | 95   | 53 - 142    | 10  | 30        |
| Dimethoate                       | 2.86        | 9.240       | *+             | ug/L |   | 323  | 70 - 150    | 8   | 30        |
| Dinoseb                          | 5.71        | 9.635       | *+             | ug/L |   | 169  | 10 - 150    | 12  | 30        |
| Disulfoton                       | 2.86        | 9.003       | *+             | ug/L |   | 315  | 80 - 150    | 11  | 30        |
| Ethyl Parathion                  | 2.86        | 8.089       | *+             | ug/L |   | 283  | 70 - 150    | 11  | 30        |
| Famphur                          | 2.86        | 4.392       | *+             | ug/L |   | 154  | 10 - 150    | 12  | 30        |
| Methapyrilene                    | 5.71        | 11.56       | *+             | ug/L |   | 202  | 10 - 150    | 13  | 30        |
| Methyl parathion                 | 2.86        | 9.071       | *+             | ug/L |   | 317  | 80 - 150    | 11  | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.863       |                | ug/L |   | 135  | 38 - 150    | 5   | 30        |
| Phorate                          | 2.86        | 8.884       | *+             | ug/L |   | 311  | 65 - 150    | 1   | 30        |
| Safrole, Total                   | 2.86        | 2.505       |                | ug/L |   | 88   | 70 - 130    | 6   | 30        |
| Sulfotepp                        | 2.86        | 8.937       | *+             | ug/L |   | 313  | 28 - 150    | 1   | 30        |
| Thionazin                        | 2.86        | 3.765       |                | ug/L |   | 132  | 40 - 140    | 2   | 30        |

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 74        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 88        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 84        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 75        |           | 8 - 124  |
| p-Terphenyl-d14             | 83        |           | 28 - 130 |

Lab Sample ID: MB 860-278273/1-A

Matrix: Water

Analysis Batch: 278793

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 278273

| Analyte    | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|------|-------|------|---|----------------|----------------|---------|
| Dimethoate | <0.499    | U            | 2.86 | 0.499 | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Dinoseb    | <0.676    | U            | 2.86 | 0.676 | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-278273/1-A

Matrix: Water

Analysis Batch: 278793

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 278273

| Analyte                          | MB MB  |           | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
|                                  | Result | Qualifier |       |       |      |   |                |                |         |
| Disulfoton                       | <2.15  | U         | 2.86  | 2.15  | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Ethyl Parathion                  | <0.625 | U         | 1.14  | 0.625 | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Famphur                          | <0.259 | U         | 1.14  | 0.259 | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Methapyrilene                    | <1.52  | U         | 2.29  | 1.52  | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Methyl parathion                 | <2.76  | U         | 2.86  | 2.76  | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132 | U         | 0.571 | 0.132 | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Phorate                          | <2.61  | U         | 5.71  | 2.61  | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Sulfotepp                        | <0.471 | U         | 1.14  | 0.471 | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Thionazin                        | <0.340 | U         | 1.14  | 0.340 | ug/L |   | 11/25/25 13:35 | 11/28/25 19:45 | 1       |

| Surrogate                   | MB MB     |           | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
|                             | %Recovery | Qualifier |          |                |                |         |
| 2,4,6-Tribromophenol (Surr) | 55        |           | 26 - 136 | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| 2-Fluorophenol (Surr)       | 65        |           | 19 - 120 | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Nitrobenzene-d5 (Surr)      | 65        |           | 32 - 133 | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| Phenol-d5 (Surr)            | 48        |           | 8 - 124  | 11/25/25 13:35 | 11/28/25 19:45 | 1       |
| p-Terphenyl-d14             | 70        |           | 28 - 130 | 11/25/25 13:35 | 11/28/25 19:45 | 1       |

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 278793

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 278273

| Analyte                          | Sample Sample |           | Spike | MS MS  |           | Unit | D | %Rec | %Rec     |
|----------------------------------|---------------|-----------|-------|--------|-----------|------|---|------|----------|
|                                  | Result        | Qualifier |       | Result | Qualifier |      |   |      |          |
| Aramite, Total                   | <3.67         | U         | 2.78  | <3.57  | U H       | ug/L |   | NC   | 45 - 150 |
| Diallate                         | <0.597        | U         | 2.78  | <0.581 | U H F1    | ug/L |   | 0    | 47 - 150 |
| Dimethoate                       | <9.96         | U **      | 2.78  | <9.70  | U H       | ug/L |   | NC   | 70 - 150 |
| Dinoseb                          | <13.5         | U **      | 5.56  | 15.08  | J H       | ug/L |   | NC   | 10 - 150 |
| Disulfoton                       | <43.0         | U **      | 2.78  | <41.9  | U H       | ug/L |   | NC   | 80 - 150 |
| Ethyl Parathion                  | <12.5         | U **      | 2.78  | <12.2  | U H       | ug/L |   | NC   | 70 - 150 |
| Famphur                          | <5.17         | U         | 2.78  | 11.83  | J H       | ug/L |   | NC   | 10 - 150 |
| Methapyrilene                    | <30.3         | U **      | 5.56  | <29.5  | U H       | ug/L |   | NC   | 10 - 150 |
| Methyl parathion                 | <55.2         | U **      | 2.78  | <53.7  | U H       | ug/L |   | NC   | 80 - 150 |
| o,o',o"-Triethylphosphorothioate | <2.64         | U         | 2.78  | 4.521  | J H F1    | ug/L |   | 163  | 38 - 150 |
| Phorate                          | <52.1         | U **      | 2.78  | <50.7  | U H       | ug/L |   | NC   | 65 - 150 |
| Sulfotepp                        | <9.41         | U **      | 2.78  | <9.16  | U H       | ug/L |   | NC   | 28 - 150 |
| Thionazin                        | <6.78         | U         | 2.78  | <6.61  | U H       | ug/L |   | NC   | 40 - 140 |

| Surrogate                   | MS MS     |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 52        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 86        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 34        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 98        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 16        |           | 8 - 124  |
| p-Terphenyl-d14             | 125       |           | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 278793

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 278273

| Analyte                           | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Aramite, Total                    | <3.67         | U                | 2.79        | <3.58      | U H           | ug/L |   | NC   | 45 - 150    | NC  | 30        |
| Diallate                          | <0.597        | U                | 2.79        | <0.583     | U H F1        | ug/L |   | 0    | 47 - 150    | NC  | 30        |
| Dimethoate                        | <9.96         | U **             | 2.79        | <9.72      | U H           | ug/L |   | NC   | 70 - 150    | NC  | 30        |
| Dinoseb                           | <13.5         | U **             | 5.57        | 14.15      | J H           | ug/L |   | NC   | 10 - 150    | 6   | 30        |
| Disulfoton                        | <43.0         | U **             | 2.79        | <42.0      | U H           | ug/L |   | NC   | 80 - 150    | NC  | 30        |
| Ethyl Parathion                   | <12.5         | U **             | 2.79        | <12.2      | U H           | ug/L |   | NC   | 70 - 150    | NC  | 30        |
| Famphur                           | <5.17         | U                | 2.79        | 10.51      | J H           | ug/L |   | NC   | 10 - 150    | 12  | 30        |
| Methapyrilene                     | <30.3         | U **             | 5.57        | <29.6      | U H           | ug/L |   | NC   | 10 - 150    | NC  | 30        |
| Methyl parathion                  | <55.2         | U **             | 2.79        | <53.9      | U H           | ug/L |   | NC   | 80 - 150    | NC  | 30        |
| o,o',o''-Triethylphosphorothioate | <2.64         | U                | 2.79        | 3.335      | J H           | ug/L |   | 120  | 38 - 150    | 30  | 30        |
| Phorate                           | <52.1         | U **             | 2.79        | <50.9      | U H           | ug/L |   | NC   | 65 - 150    | NC  | 30        |
| Sulfotepp                         | <9.41         | U **             | 2.79        | <9.18      | U H           | ug/L |   | NC   | 28 - 150    | NC  | 30        |
| Thionazin                         | <6.78         | U                | 2.79        | <6.62      | U H           | ug/L |   | NC   | 40 - 140    | NC  | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 36            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 62            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 69            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 90            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 40            |               | 8 - 124  |
| p-Terphenyl-d14             | 107           |               | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 276926

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte            | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Phenol - DL        | <10.1         | U                | 5.68        | 34.20     |              | ug/L |   | NC   | 40 - 145    |
| 1,1'-Biphenyl - DL | 0.779         | F1               | 5.68        | 388.5     | F1           | ug/L |   | 6824 | 39 - 142    |

| Surrogate                        | MS %Recovery | MS Qualifier | Limits   |
|----------------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) - DL | 16           | S1-          | 26 - 136 |
| 2-Fluorobiphenyl - DL            | 46           |              | 39 - 130 |
| 2-Fluorophenol (Surr) - DL       | 28           |              | 19 - 120 |
| Nitrobenzene-d5 (Surr) - DL      | 46           |              | 32 - 133 |
| Phenol-d5 (Surr) - DL            | 23           |              | 8 - 124  |
| p-Terphenyl-d14 - DL             | 45           |              | 28 - 130 |

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 276926

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte            | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Phenol - DL        | 0.546         | J F2 F1          | 5.71        | 37.27      |               | ug/L |   | NC   | 40 - 145    | 9   | 30        |
| 1,1'-Biphenyl - DL | 0.779         | F1               | 5.71        | 517.1      | E F1          | ug/L |   | 9036 | 39 - 142    | 28  | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 276926

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Surrogate                        | MSD<br>%Recovery | MSD<br>Qualifier | Limits   |
|----------------------------------|------------------|------------------|----------|
| 2,4,6-Tribromophenol (Surr) - DL | 27               |                  | 26 - 136 |
| 2-Fluorobiphenyl - DL            | 47               |                  | 39 - 130 |
| 2-Fluorophenol (Surr) - DL       | 34               |                  | 19 - 120 |
| Nitrobenzene-d5 (Surr) - DL      | 47               |                  | 32 - 133 |
| Phenol-d5 (Surr) - DL            | 22               |                  | 8 - 124  |
| p-Terphenyl-d14 - DL             | 43               |                  | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 277683

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                           | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------------|
| 1,2,4-Trichlorobenzene - RE       | <0.121           | U H                 | 5.70           | 3.787        | H               | ug/L |   | 66   | 55 - 120       |
| 1,2-Dichlorobenzene - RE          | <0.101           | U H                 | 5.70           | 4.152        | H               | ug/L |   | 73   | 65 - 130       |
| 1,3-Dichlorobenzene - RE          | <0.108           | U H                 | 5.70           | 3.867        | H               | ug/L |   | 68   | 26 - 130       |
| 1,4-Dichlorobenzene - RE          | <0.110           | U H                 | 5.70           | 3.882        | H               | ug/L |   | 68   | 60 - 150       |
| 2,2'-oxybis[1-chloropropane] - RE | <1.85            | U H                 | 5.70           | 6.130        | H               | ug/L |   | 108  | 65 - 145       |
| 2,4,5-Trichlorophenol - RE        | <0.431           | U H                 | 5.70           | 6.642        | H               | ug/L |   | 117  | 58 - 150       |
| 2,4,6-Trichlorophenol - RE        | <0.117           | U H                 | 5.70           | 6.633        | H               | ug/L |   | 116  | 39 - 145       |
| 2,4-Dichlorophenol - RE           | <0.126           | U H                 | 5.70           | 6.885        | H               | ug/L |   | 121  | 60 - 147       |
| 2,4-Dimethylphenol - RE           | <0.112           | U H                 | 5.70           | 6.029        | H               | ug/L |   | 106  | 58 - 140       |
| 1,4-Dioxane - RE                  | <0.105           | U H F1              | 5.70           | 0.9782       | H F1            | ug/L |   | 17   | 31 - 145       |
| 2,4-Dinitrophenol - RE            | <1.38            | U H                 | 5.70           | 3.061        | J H             | ug/L |   | 54   | 10 - 150       |
| 2,4-Dinitrotoluene - RE           | <0.513           | U H                 | 5.70           | 7.134        | H               | ug/L |   | 125  | 29 - 150       |
| 2,6-Dinitrotoluene - RE           | <0.273           | U H                 | 5.70           | 8.426        | H               | ug/L |   | 148  | 55 - 150       |
| 2-Chloronaphthalene - RE          | <0.118           | U H                 | 5.70           | 4.958        | H               | ug/L |   | 87   | 39 - 141       |
| 2-Methylnaphthalene - RE          | <0.109           | U H                 | 5.70           | 4.368        | H               | ug/L |   | 77   | 33 - 149       |
| 2-Methylphenol - RE               | <0.109           | U H                 | 5.70           | 4.476        | H               | ug/L |   | 79   | 49 - 140       |
| 2-Nitroaniline - RE               | <0.158           | U H                 | 5.70           | 7.722        | H               | ug/L |   | 136  | 42 - 150       |
| 2-Nitrophenol - RE                | <0.137           | U H                 | 5.70           | 8.450        | H               | ug/L |   | 148  | 43 - 150       |
| 3 & 4 Methylphenol - RE           | <0.0944          | U H                 | 5.70           | 3.419        | H               | ug/L |   | 60   | 55 - 142       |
| 3-Nitroaniline - RE               | <0.223           | U H F2              | 5.70           | 4.248        | H               | ug/L |   | 75   | 25 - 119       |
| 4,6-Dinitro-2-methylphenol - RE   | <1.23            | U H                 | 5.70           | 6.257        | H               | ug/L |   | 110  | 10 - 150       |
| 4-Bromophenyl phenyl ether - RE   | <0.105           | U H                 | 5.70           | 6.568        | H               | ug/L |   | 115  | 56 - 136       |
| 4-Chloro-3-methylphenol - RE      | <0.119           | U H                 | 5.70           | 6.400        | H               | ug/L |   | 112  | 52 - 137       |
| 4-Chloroaniline - RE              | <0.0881          | U H                 | 5.70           | 4.064        | H               | ug/L |   | 71   | 10 - 95        |
| 4-Chlorophenyl phenyl ether - RE  | <0.0954          | U H                 | 5.70           | 5.364        | H               | ug/L |   | 94   | 53 - 134       |
| 4-Nitroaniline - RE               | <0.271           | U H                 | 5.70           | 5.020        | H               | ug/L |   | 88   | 45 - 148       |
| Acenaphthene - RE                 | 0.256            | J H                 | 5.70           | 5.042        | H               | ug/L |   | 84   | 48 - 136       |
| Acenaphthylene - RE               | <0.125           | U H                 | 5.70           | 5.842        | H               | ug/L |   | 103  | 40 - 149       |
| Aniline - RE                      | <0.450           | U H                 | 5.70           | 2.357        | H               | ug/L |   | 41   | 10 - 73        |
| Anthracene - RE                   | <0.104           | U H                 | 5.70           | 6.863        | H               | ug/L |   | 120  | 51 - 146       |
| Benzo[a]anthracene - RE           | <0.127           | U H                 | 5.70           | 7.731        | H               | ug/L |   | 136  | 43 - 145       |
| Benzo[a]pyrene - RE               | <0.107           | U H                 | 5.70           | 6.538        | H               | ug/L |   | 115  | 52 - 136       |
| Benzo[b]fluoranthene - RE         | <0.124           | U H                 | 5.70           | 6.255        | H               | ug/L |   | 110  | 45 - 140       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 277683

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Benzo[g,h,i]perylene - RE        | <0.0903       | U H              | 5.70        | 5.729     | H            | ug/L |   | 101  | 44 - 137    |
| Benzo[k]fluoranthene - RE        | <0.123        | U H              | 5.70        | 5.919     | H            | ug/L |   | 104  | 37 - 140    |
| Benzyl alcohol - RE              | <0.224        | U H F1           | 5.70        | 1.396     | J H F1       | ug/L |   | 25   | 40 - 133    |
| Bis(2-chloroethoxy)methane - RE  | <0.107        | U H              | 5.70        | 7.345     | H            | ug/L |   | 129  | 52 - 143    |
| Bis(2-chloroethyl)ether - RE     | <0.107        | U H              | 5.70        | 6.817     | H            | ug/L |   | 120  | 52 - 140    |
| Bis(2-ethylhexyl) phthalate - RE | <0.571        | U H F1           | 5.70        | 9.046     | H F1         | ug/L |   | 159  | 50 - 140    |
| Butyl benzyl phthalate - RE      | <0.336        | U H F1           | 5.70        | 9.520     | H F1         | ug/L |   | 167  | 60 - 150    |
| Chrysene - RE                    | <0.0965       | U H              | 5.70        | 7.169     | H            | ug/L |   | 126  | 47 - 137    |
| Dibenz(a,h)anthracene - RE       | <0.0851       | U H              | 5.70        | 6.253     | H            | ug/L |   | 110  | 50 - 147    |
| Dibenzofuran - RE                | 0.147         | J H              | 5.70        | 5.707     | H            | ug/L |   | 98   | 52 - 139    |
| Diethyl phthalate - RE           | <0.187        | U H              | 5.70        | 7.022     | H            | ug/L |   | 123  | 55 - 137    |
| Dimethyl phthalate - RE          | <0.133        | U H              | 5.70        | 7.236     | H            | ug/L |   | 127  | 44 - 150    |
| Di-n-butyl phthalate - RE        | <0.660        | U H              | 5.70        | 8.054     | H            | ug/L |   | 141  | 49 - 146    |
| Di-n-octyl phthalate - RE        | <0.286        | U H F1           | 5.70        | 10.01     | H F1         | ug/L |   | 176  | 55 - 150    |
| Fluoranthene - RE                | <0.120        | U H              | 5.70        | 7.694     | H            | ug/L |   | 135  | 50 - 144    |
| Fluorene - RE                    | <0.113        | U H              | 5.70        | 5.708     | H            | ug/L |   | 100  | 54 - 136    |
| Hexachlorobenzene - RE           | <0.132        | U H              | 5.70        | 6.570     | H            | ug/L |   | 115  | 55 - 138    |
| Hexachlorobutadiene - RE         | <0.162        | U H              | 5.70        | 2.950     | H            | ug/L |   | 52   | 45 - 150    |
| Hexachlorocyclopentadiene - RE   | <0.179        | U H              | 5.70        | 2.268     | H            | ug/L |   | 40   | 24 - 150    |
| Hexachloroethane - RE            | <0.125        | U H              | 5.70        | 3.107     | H            | ug/L |   | 55   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene - RE      | <0.103        | U H              | 5.70        | 5.840     | H            | ug/L |   | 102  | 46 - 138    |
| Isophorone - RE                  | <0.106        | U H              | 5.70        | 6.634     | H            | ug/L |   | 116  | 48 - 147    |
| Naphthalene - RE                 | <0.114        | U H              | 5.70        | 5.169     | H            | ug/L |   | 91   | 35 - 141    |
| Nitrobenzene - RE                | <0.152        | U H              | 5.70        | 6.943     | H            | ug/L |   | 122  | 52 - 141    |
| N-Nitrosodi-n-propylamine - RE   | <0.147        | U H F1           | 5.70        | 7.841     | H F1         | ug/L |   | 138  | 41 - 137    |
| N-Nitrosodiphenylamine - RE      | <0.112        | U H              | 5.70        | 7.342     | H            | ug/L |   | 129  | 51 - 135    |
| Pentachlorophenol - RE           | <0.312        | U H              | 5.70        | 7.027     | H            | ug/L |   | 123  | 33 - 150    |
| Phenanthrene - RE                | <0.107        | U H              | 5.70        | 6.535     | H            | ug/L |   | 115  | 54 - 141    |
| Phenol - RE                      | 1.32          | H F1             | 5.70        | 2.744     | H I F1       | ug/L |   | 25   | 40 - 145    |
| Pyrene - RE                      | <0.129        | U H              | 5.70        | 6.621     | H            | ug/L |   | 116  | 50 - 143    |
| Pyridine - RE                    | <0.837        | U *+ H F1<br>*1  | 5.70        | <0.834    | U H F1       | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine - RE         | <0.651        | U H              | 5.70        | 4.813     | H            | ug/L |   | 84   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol - RE   | <0.254        | U H              | 5.70        | 7.169     | H            | ug/L |   | 126  | 60 - 150    |
| Acetophenone - RE                | <0.138        | U H              | 5.70        | 4.969     | H            | ug/L |   | 87   | 52 - 136    |
| N-Nitrosopiperidine - RE         | <0.631        | U H              | 5.70        | 4.606     | H            | ug/L |   | 81   | 36 - 148    |
| Pentachlorobenzene - RE          | <0.125        | U H              | 5.70        | 3.926     | H            | ug/L |   | 69   | 52 - 128    |
| 1,1'-Biphenyl - RE               | 1.06          | H                | 5.70        | 5.123     | H            | ug/L |   | 71   | 39 - 142    |
| 4-Aminobiphenyl - RE             | <0.195        | U H              | 5.70        | 3.494     | H            | ug/L |   | 61   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene - RE  | <0.115        | U H              | 5.70        | 2.846     | H            | ug/L |   | 50   | 46 - 125    |
| 1,3,5-Trinitrobenzene - RE       | <0.653        | U H              | 5.70        | 4.805     | H            | ug/L |   | 84   | 42 - 130    |
| 1,3-Dinitrobenzene - RE          | <0.587        | U H              | 5.70        | 7.985     | H            | ug/L |   | 140  | 65 - 150    |
| 1,4-Naphthoquinone - RE          | <0.0612       | U H              | 5.70        | 6.091     | H            | ug/L |   | 107  | 24 - 137    |
| 1-Naphthylamine - RE             | <0.269        | U H F1           | 5.70        | <0.269    | U H F1       | ug/L |   | 0    | 10 - 78     |
| 2,6-Dichlorophenol - RE          | <0.0973       | U H              | 5.70        | 5.453     | H            | ug/L |   | 96   | 42 - 145    |
| 2-Acetylaminofluorene - RE       | <1.71         | U H F1           | 5.70        | 10.52     | H F1         | ug/L |   | 185  | 45 - 150    |
| 2-Chlorophenol - RE              | <0.103        | U H              | 5.70        | 5.397     | H            | ug/L |   | 95   | 51 - 143    |
| 2-Naphthylamine - RE             | <0.412        | U H              | 5.70        | 2.376     | H            | ug/L |   | 42   | 17 - 92     |
| 2-Picoline - RE                  | <1.03         | U H F1 *1        | 5.70        | <1.03     | U H F1       | ug/L |   | 0    | 10 - 143    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 277683

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2-Toluidine - RE                         | <0.424        | U H              | 5.70        | 2.558     | H            | ug/L |   | 45   | 10 - 79     |
| 3,3'-Dichlorobenzidine - RE              | <0.650        | U H              | 5.70        | 6.048     | H            | ug/L |   | 106  | 10 - 128    |
| 3,3'-Dimethylbenzidine - RE              | <0.295        | U H F2 *         | 5.70        | 0.6964    | H            | ug/L |   | 12   | 10 - 78     |
| 3-Methylcholanthrene - RE                | <0.0881       | U H              | 5.70        | 4.800     | H            | ug/L |   | 84   | 53 - 130    |
| 4-Nitroquinoline-1-oxide - RE            | <0.636        | U H              | 5.70        | 4.356     | H            | ug/L |   | 76   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene - RE      | <0.128        | U H              | 5.70        | 4.975     | H            | ug/L |   | 87   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine - RE | <1.45         | U H *- F1        | 5.70        | <1.45     | U H F1       | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1 - RE                      | <0.184        | U H              | 2.85        | 3.611     | H            | ug/L |   | 127  | 45 - 150    |
| Aramite Peak 2 - RE                      | <0.203        | U H              | 2.85        | 3.663     | H            | ug/L |   | 129  | 45 - 150    |
| Diallate Peak 1 - RE                     | <0.0748       | U H              | 4.22        | 4.076     | H            | ug/L |   | 97   | 47 - 150    |
| Diallate Peak 2 - RE                     | <0.0299       | U H              | 1.48        | 1.442     | H            | ug/L |   | 97   | 53 - 142    |
| Ethyl methanesulfonate - RE              | <0.185        | U H              | 5.70        | 2.936     | H            | ug/L |   | 52   | 45 - 138    |
| Hexachloropropene - RE                   | <0.571        | U H              | 5.70        | 2.475     | H            | ug/L |   | 43   | 35 - 140    |
| Isosafrole - RE                          | <0.0231       | U H              | 5.70        | 5.184     | H            | ug/L |   | 91   | 47 - 137    |
| Isosafrole Peak 1 - RE                   | <0.0231       | U H              | 0.912       | 0.7955    | H            | ug/L |   | 87   | 48 - 132    |
| Isosafrole Peak 2 - RE                   | <0.0985       | U H              | 4.79        | 4.388     | H            | ug/L |   | 92   | 47 - 137    |
| Methyl methanesulfonate - RE             | <0.186        | U H F1           | 5.70        | 1.350     | H F1         | ug/L |   | 24   | 33 - 140    |
| N-Nitrosodiethylamine - RE               | <0.673        | U H              | 5.70        | 4.666     | H            | ug/L |   | 82   | 50 - 136    |
| N-Nitrosodimethylamine - RE              | <0.159        | U H F1           | 5.70        | 1.175     | H F1         | ug/L |   | 21   | 33 - 148    |
| N-Nitrosodi-n-butylamine - RE            | <0.724        | U H              | 5.70        | 6.324     | H            | ug/L |   | 111  | 30 - 150    |
| N-Nitrosomethylethylamine - RE           | <0.701        | U H              | 5.70        | 2.715     | H            | ug/L |   | 48   | 30 - 148    |
| N-Nitrosomorpholine - RE                 | <0.713        | U H F1           | 5.70        | 1.995     | H F1         | ug/L |   | 35   | 40 - 140    |
| N-Nitrosopyrrolidine - RE                | <0.109        | U H              | 5.70        | 2.244     | H            | ug/L |   | 39   | 20 - 130    |
| p-Dimethylamino azobenzene - RE          | <0.154        | U H              | 5.70        | 7.577     | H            | ug/L |   | 133  | 16 - 150    |
| Pentachloronitrobenzene - RE             | <0.253        | U H              | 5.70        | 6.573     | H            | ug/L |   | 115  | 38 - 145    |
| Phenacetin - RE                          | <0.252        | U H              | 5.70        | 4.771     | H            | ug/L |   | 84   | 50 - 150    |
| p-Phenylene diamine - RE                 | <5.71         | U H *-           | 5.70        | <5.70     | U H          | ug/L |   | NC   | 5 - 112     |
| Pronamide - RE                           | <0.134        | U H              | 5.70        | 6.641     | H            | ug/L |   | 117  | 60 - 150    |
| Safrole, Total - RE                      | <0.0920       | U H              | 5.70        | 4.726     | H            | ug/L |   | 83   | 70 - 130    |

| Surrogate                        | MS %Recovery | MS Qualifier | Limits   |
|----------------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) - RE | 122          |              | 26 - 136 |
| 2-Fluorobiphenyl - RE            | 102          |              | 39 - 130 |
| 2-Fluorophenol (Surr) - RE       | 38           |              | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RE      | 98           |              | 32 - 133 |
| Phenol-d5 (Surr) - RE            | 22           |              | 8 - 124  |
| p-Terphenyl-d14 - RE             | 97           |              | 28 - 130 |

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 277683

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene - RE | <0.121        | U H              | 5.70        | 3.773      | H             | ug/L |   | 66   | 55 - 120    | 0   | 30        |
| 1,2-Dichlorobenzene - RE    | <0.101        | U H              | 5.70        | 4.219      | H             | ug/L |   | 74   | 65 - 130    | 2   | 30        |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 277683

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                           | Sample  | Sample    | Spike | MSD    | MSD       | Unit | D | %Rec | %Rec     | RPD | Limit |
|-----------------------------------|---------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
|                                   | Result  | Qualifier | Added | Result | Qualifier |      |   |      | Limits   |     |       |
| 1,3-Dichlorobenzene - RE          | <0.108  | U H       | 5.70  | 3.858  | H         | ug/L |   | 68   | 26 - 130 | 0   | 30    |
| 1,4-Dichlorobenzene - RE          | <0.110  | U H       | 5.70  | 3.949  | H         | ug/L |   | 69   | 60 - 150 | 2   | 30    |
| 2,2'-oxybis[1-chloropropane] - RE | <1.85   | U H       | 5.70  | 6.307  | H         | ug/L |   | 111  | 65 - 145 | 3   | 30    |
| 2,4,5-Trichlorophenol - RE        | <0.431  | U H       | 5.70  | 6.784  | H         | ug/L |   | 119  | 58 - 150 | 2   | 30    |
| 2,4,6-Trichlorophenol - RE        | <0.117  | U H       | 5.70  | 6.908  | H         | ug/L |   | 121  | 39 - 145 | 4   | 30    |
| 2,4-Dichlorophenol - RE           | <0.126  | U H       | 5.70  | 6.527  | H         | ug/L |   | 115  | 60 - 147 | 5   | 30    |
| 2,4-Dimethylphenol - RE           | <0.112  | U H       | 5.70  | 5.959  | H         | ug/L |   | 105  | 58 - 140 | 1   | 30    |
| 1,4-Dioxane - RE                  | <0.105  | U H F1    | 5.70  | 0.9896 | H F1      | ug/L |   | 17   | 31 - 145 | 1   | 30    |
| 2,4-Dinitrophenol - RE            | <1.38   | U H       | 5.70  | 3.741  | J H       | ug/L |   | 66   | 10 - 150 | 20  | 30    |
| 2,4-Dinitrotoluene - RE           | <0.513  | U H       | 5.70  | 7.624  | H         | ug/L |   | 134  | 29 - 150 | 7   | 30    |
| 2,6-Dinitrotoluene - RE           | <0.273  | U H       | 5.70  | 8.361  | H         | ug/L |   | 147  | 55 - 150 | 1   | 30    |
| 2-Chloronaphthalene - RE          | <0.118  | U H       | 5.70  | 4.303  | H         | ug/L |   | 76   | 39 - 141 | 14  | 30    |
| 2-Methylnaphthalene - RE          | <0.109  | U H       | 5.70  | 4.230  | H         | ug/L |   | 74   | 33 - 149 | 3   | 30    |
| 2-Methylphenol - RE               | <0.109  | U H       | 5.70  | 4.608  | H         | ug/L |   | 81   | 49 - 140 | 3   | 30    |
| 2-Nitroaniline - RE               | <0.158  | U H       | 5.70  | 7.891  | H         | ug/L |   | 138  | 42 - 150 | 2   | 30    |
| 2-Nitrophenol - RE                | <0.137  | U H       | 5.70  | 8.218  | H         | ug/L |   | 144  | 43 - 150 | 3   | 30    |
| 3 & 4 Methylphenol - RE           | <0.0944 | U H       | 5.70  | 3.375  | H         | ug/L |   | 59   | 55 - 142 | 1   | 30    |
| 3-Nitroaniline - RE               | <0.223  | U H F2    | 5.70  | 1.522  | H I F2    | ug/L |   | 27   | 25 - 119 | 95  | 30    |
| 4,6-Dinitro-2-methylphenol - RE   | <1.23   | U H       | 5.70  | 6.362  | H         | ug/L |   | 112  | 10 - 150 | 2   | 30    |
| 4-Bromophenyl phenyl ether - RE   | <0.105  | U H       | 5.70  | 6.428  | H         | ug/L |   | 113  | 56 - 136 | 2   | 30    |
| 4-Chloro-3-methylphenol - RE      | <0.119  | U H       | 5.70  | 6.279  | H         | ug/L |   | 110  | 52 - 137 | 2   | 30    |
| 4-Chloroaniline - RE              | <0.0881 | U H       | 5.70  | 3.850  | H         | ug/L |   | 68   | 10 - 95  | 5   | 30    |
| 4-Chlorophenyl phenyl ether - RE  | <0.0954 | U H       | 5.70  | 5.444  | H         | ug/L |   | 96   | 53 - 134 | 1   | 30    |
| 4-Nitroaniline - RE               | <0.271  | U H       | 5.70  | 5.058  | H         | ug/L |   | 89   | 45 - 148 | 1   | 30    |
| Acenaphthene - RE                 | 0.256   | J H       | 5.70  | 4.977  | H         | ug/L |   | 83   | 48 - 136 | 1   | 30    |
| Acenaphthylene - RE               | <0.125  | U H       | 5.70  | 5.731  | H         | ug/L |   | 101  | 40 - 149 | 2   | 30    |
| Aniline - RE                      | <0.450  | U H       | 5.70  | 2.481  | H         | ug/L |   | 44   | 10 - 73  | 5   | 30    |
| Anthracene - RE                   | <0.104  | U H       | 5.70  | 6.718  | H         | ug/L |   | 118  | 51 - 146 | 2   | 30    |
| Benzo[a]anthracene - RE           | <0.127  | U H       | 5.70  | 7.277  | H         | ug/L |   | 128  | 43 - 145 | 6   | 30    |
| Benzo[a]pyrene - RE               | <0.107  | U H       | 5.70  | 6.121  | H         | ug/L |   | 107  | 52 - 136 | 7   | 30    |
| Benzo[b]fluoranthene - RE         | <0.124  | U H       | 5.70  | 5.777  | H         | ug/L |   | 101  | 45 - 140 | 8   | 30    |
| Benzo[g,h,i]perylene - RE         | <0.0903 | U H       | 5.70  | 5.237  | H         | ug/L |   | 92   | 44 - 137 | 9   | 30    |
| Benzo[k]fluoranthene - RE         | <0.123  | U H       | 5.70  | 5.558  | H         | ug/L |   | 98   | 37 - 140 | 6   | 30    |
| Benzyl alcohol - RE               | <0.224  | U H F1    | 5.70  | 1.461  | J H F1    | ug/L |   | 26   | 40 - 133 | 5   | 30    |
| Bis(2-chloroethoxy)methane - RE   | <0.107  | U H       | 5.70  | 7.368  | H         | ug/L |   | 129  | 52 - 143 | 0   | 30    |
| Bis(2-chloroethyl)ether - RE      | <0.107  | U H       | 5.70  | 7.035  | H         | ug/L |   | 123  | 52 - 140 | 3   | 30    |
| Bis(2-ethylhexyl) phthalate - RE  | <0.571  | U H F1    | 5.70  | 8.903  | H F1      | ug/L |   | 156  | 50 - 140 | 2   | 30    |
| Butyl benzyl phthalate - RE       | <0.336  | U H F1    | 5.70  | 9.900  | H F1      | ug/L |   | 174  | 60 - 150 | 4   | 30    |
| Chrysene - RE                     | <0.0965 | U H       | 5.70  | 6.676  | H         | ug/L |   | 117  | 47 - 137 | 7   | 30    |
| Dibenz(a,h)anthracene - RE        | <0.0851 | U H       | 5.70  | 5.787  | H         | ug/L |   | 102  | 50 - 147 | 8   | 30    |
| Dibenzofuran - RE                 | 0.147   | J H       | 5.70  | 5.695  | H         | ug/L |   | 97   | 52 - 139 | 0   | 30    |
| Diethyl phthalate - RE            | <0.187  | U H       | 5.70  | 6.955  | H         | ug/L |   | 122  | 55 - 137 | 1   | 30    |
| Dimethyl phthalate - RE           | <0.133  | U H       | 5.70  | 7.363  | H         | ug/L |   | 129  | 44 - 150 | 2   | 30    |
| Di-n-butyl phthalate - RE         | <0.660  | U H       | 5.70  | 8.062  | H         | ug/L |   | 141  | 49 - 146 | 0   | 30    |
| Di-n-octyl phthalate - RE         | <0.286  | U H F1    | 5.70  | 9.766  | H F1      | ug/L |   | 171  | 55 - 150 | 2   | 30    |
| Fluoranthene - RE                 | <0.120  | U H       | 5.70  | 7.615  | H         | ug/L |   | 134  | 50 - 144 | 1   | 30    |
| Fluorene - RE                     | <0.113  | U H       | 5.70  | 5.962  | H         | ug/L |   | 105  | 54 - 136 | 4   | 30    |
| Hexachlorobenzene - RE            | <0.132  | U H       | 5.70  | 6.434  | H         | ug/L |   | 113  | 55 - 138 | 2   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 277683

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Hexachlorobutadiene - RE                 | <0.162        | U H              | 5.70        | 2.964      | H             | ug/L |   | 52   | 45 - 150    | 0   | 30        |
| Hexachlorocyclopentadiene - RE           | <0.179        | U H              | 5.70        | 2.443      | H             | ug/L |   | 43   | 24 - 150    | 7   | 30        |
| Hexachloroethane - RE                    | <0.125        | U H              | 5.70        | 3.152      | H             | ug/L |   | 55   | 30 - 130    | 1   | 30        |
| Indeno[1,2,3-cd]pyrene - RE              | <0.103        | U H              | 5.70        | 5.505      | H             | ug/L |   | 97   | 46 - 138    | 6   | 30        |
| Isophorone - RE                          | <0.106        | U H              | 5.70        | 6.644      | H             | ug/L |   | 117  | 48 - 147    | 0   | 30        |
| Naphthalene - RE                         | <0.114        | U H              | 5.70        | 4.946      | H             | ug/L |   | 87   | 35 - 141    | 4   | 30        |
| Nitrobenzene - RE                        | <0.152        | U H              | 5.70        | 6.840      | H             | ug/L |   | 120  | 52 - 141    | 2   | 30        |
| N-Nitrosodi-n-propylamine - RE           | <0.147        | U H F1           | 5.70        | 8.087      | H F1          | ug/L |   | 142  | 41 - 137    | 3   | 30        |
| N-Nitrosodiphenylamine - RE              | <0.112        | U H              | 5.70        | 7.246      | H             | ug/L |   | 127  | 51 - 135    | 1   | 30        |
| Pentachlorophenol - RE                   | <0.312        | U H              | 5.70        | 7.033      | H             | ug/L |   | 123  | 33 - 150    | 0   | 30        |
| Phenanthrene - RE                        | <0.107        | U H              | 5.70        | 6.448      | H             | ug/L |   | 113  | 54 - 141    | 1   | 30        |
| Phenol - RE                              | 1.32          | H F1             | 5.70        | 2.798      | H F1          | ug/L |   | 26   | 40 - 145    | 2   | 30        |
| Pyrene - RE                              | <0.129        | U H              | 5.70        | 5.981      | H             | ug/L |   | 105  | 50 - 143    | 10  | 30        |
| Pyridine - RE                            | <0.837        | U *+ H F1        | 5.70        | <0.834     | U H F1        | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine - RE                 | <0.651        | U H              | 5.70        | 4.617      | H             | ug/L |   | 81   | 29 - 141    | 4   | 30        |
| 2,3,4,6-Tetrachlorophenol - RE           | <0.254        | U H              | 5.70        | 6.997      | H             | ug/L |   | 123  | 60 - 150    | 2   | 30        |
| Acetophenone - RE                        | <0.138        | U H              | 5.70        | 4.925      | H             | ug/L |   | 86   | 52 - 136    | 1   | 30        |
| N-Nitrosopiperidine - RE                 | <0.631        | U H              | 5.70        | 4.387      | H             | ug/L |   | 77   | 36 - 148    | 5   | 30        |
| Pentachlorobenzene - RE                  | <0.125        | U H              | 5.70        | 3.928      | H             | ug/L |   | 69   | 52 - 128    | 0   | 30        |
| 1,1'-Biphenyl - RE                       | 1.06          | H                | 5.70        | 5.059      | H             | ug/L |   | 70   | 39 - 142    | 1   | 30        |
| 4-Aminobiphenyl - RE                     | <0.195        | U H              | 5.70        | 3.508      | H             | ug/L |   | 62   | 10 - 115    | 0   | 30        |
| 1,2,4,5-Tetrachlorobenzene - RE          | <0.115        | U H              | 5.70        | 2.797      | H             | ug/L |   | 49   | 46 - 125    | 2   | 30        |
| 1,3,5-Trinitrobenzene - RE               | <0.653        | U H              | 5.70        | 5.023      | H             | ug/L |   | 88   | 42 - 130    | 4   | 30        |
| 1,3-Dinitrobenzene - RE                  | <0.587        | U H              | 5.70        | 7.785      | H             | ug/L |   | 137  | 65 - 150    | 3   | 30        |
| 1,4-Naphthoquinone - RE                  | <0.0612       | U H              | 5.70        | 5.738      | H             | ug/L |   | 101  | 24 - 137    | 6   | 30        |
| 1-Naphthylamine - RE                     | <0.269        | U H F1           | 5.70        | 0.8767     | H             | ug/L |   | 15   | 10 - 78     | NC  | 30        |
| 2,6-Dichlorophenol - RE                  | <0.0973       | U H              | 5.70        | 5.533      | H             | ug/L |   | 97   | 42 - 145    | 1   | 30        |
| 2-Acetylaminofluorene - RE               | <1.71         | U H F1           | 5.70        | 11.71      | H F1          | ug/L |   | 206  | 45 - 150    | 11  | 30        |
| 2-Chlorophenol - RE                      | <0.103        | U H              | 5.70        | 5.548      | H             | ug/L |   | 97   | 51 - 143    | 3   | 30        |
| 2-Naphthylamine - RE                     | <0.412        | U H              | 5.70        | 2.519      | H             | ug/L |   | 44   | 17 - 92     | 6   | 30        |
| 2-Picoline - RE                          | <1.03         | U H F1 *1        | 5.70        | <1.03      | U H F1        | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine - RE                         | <0.424        | U H              | 5.70        | 2.809      | H             | ug/L |   | 49   | 10 - 79     | 9   | 30        |
| 3,3'-Dichlorobenzidine - RE              | <0.650        | U H              | 5.70        | 5.618      | H             | ug/L |   | 99   | 10 - 128    | 7   | 30        |
| 3,3'-Dimethylbenzidine - RE              | <0.295        | U H F2 *-        | 5.70        | 1.306      | H F2          | ug/L |   | 23   | 10 - 78     | 61  | 30        |
| 3-Methylcholanthrene - RE                | <0.0881       | U H              | 5.70        | 4.330      | H             | ug/L |   | 76   | 53 - 130    | 10  | 30        |
| 4-Nitroquinoline-1-oxide - RE            | <0.636        | U H              | 5.70        | 5.100      | H             | ug/L |   | 90   | 20 - 140    | 16  | 30        |
| 7,12-Dimethylbenz(a)anthracene - RE      | <0.128        | U H              | 5.70        | 4.519      | H             | ug/L |   | 79   | 27 - 146    | 10  | 30        |
| alpha,alpha-Dimethyl phenethylamine - RE | <1.45         | U H *- F1        | 5.70        | <1.45      | U H F1        | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1 - RE                      | <0.184        | U H              | 2.85        | 3.773      | H             | ug/L |   | 132  | 45 - 150    | 4   | 30        |
| Aramite Peak 2 - RE                      | <0.203        | U H              | 2.85        | 3.940      | H             | ug/L |   | 138  | 45 - 150    | 7   | 30        |
| Diallate Peak 1 - RE                     | <0.0748       | U H              | 4.22        | 4.060      | H             | ug/L |   | 96   | 47 - 150    | 0   | 30        |
| Diallate Peak 2 - RE                     | <0.0299       | U H              | 1.48        | 1.439      | H             | ug/L |   | 97   | 53 - 142    | 0   | 30        |
| Ethyl methanesulfonate - RE              | <0.185        | U H              | 5.70        | 2.953      | H             | ug/L |   | 52   | 45 - 138    | 1   | 30        |
| Hexachloropropene - RE                   | <0.571        | U H              | 5.70        | 2.444      | H             | ug/L |   | 43   | 35 - 140    | 1   | 30        |
| Isosafrole - RE                          | <0.0231       | U H              | 5.70        | 5.125      | H             | ug/L |   | 90   | 47 - 137    | 1   | 30        |
| Isosafrole Peak 1 - RE                   | <0.0231       | U H              | 0.912       | 0.7878     | H             | ug/L |   | 86   | 48 - 132    | 1   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 277683

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 277294

| Analyte                         | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Isosafrole Peak 2 - RE          | <0.0985       | U H              | 4.79        | 4.337      | H             | ug/L |   | 91   | 47 - 137    | 1   | 30        |
| Methyl methanesulfonate - RE    | <0.186        | U H F1           | 5.70        | 1.348      | H F1          | ug/L |   | 24   | 33 - 140    | 0   | 30        |
| N-Nitrosodiethylamine - RE      | <0.673        | U H              | 5.70        | 4.799      | H             | ug/L |   | 84   | 50 - 136    | 3   | 30        |
| N-Nitrosodimethylamine - RE     | <0.159        | U H F1           | 5.70        | 1.178      | H F1          | ug/L |   | 21   | 33 - 148    | 0   | 30        |
| N-Nitrosodi-n-butylamine - RE   | <0.724        | U H              | 5.70        | 6.569      | H             | ug/L |   | 115  | 30 - 150    | 4   | 30        |
| N-Nitrosomethylethylamine - RE  | <0.701        | U H              | 5.70        | 2.757      | H             | ug/L |   | 48   | 30 - 148    | 2   | 30        |
| N-Nitrosomorpholine - RE        | <0.713        | U H F1           | 5.70        | 2.020      | H F1          | ug/L |   | 35   | 40 - 140    | 1   | 30        |
| N-Nitrosopyrrolidine - RE       | <0.109        | U H              | 5.70        | 2.557      | H             | ug/L |   | 45   | 20 - 130    | 13  | 30        |
| p-Dimethylamino azobenzene - RE | <0.154        | U H              | 5.70        | 7.972      | H             | ug/L |   | 140  | 16 - 150    | 5   | 30        |
| Pentachloronitrobenzene - RE    | <0.253        | U H              | 5.70        | 6.527      | H             | ug/L |   | 115  | 38 - 145    | 1   | 30        |
| Phenacetin - RE                 | <0.252        | U H              | 5.70        | 4.503      | H             | ug/L |   | 79   | 50 - 150    | 6   | 30        |
| p-Phenylene diamine - RE        | <5.71         | U H *            | 5.70        | <5.70      | U H           | ug/L |   | NC   | 5 - 112     | NC  | 30        |
| Pronamide - RE                  | <0.134        | U H              | 5.70        | 6.840      | H             | ug/L |   | 120  | 60 - 150    | 3   | 30        |
| Safrole, Total - RE             | <0.0920       | U H              | 5.70        | 4.569      | H             | ug/L |   | 80   | 70 - 130    | 3   | 30        |

| Surrogate                        | MSD %Recovery | MSD Qualifier | Limits   |
|----------------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) - RE | 119           |               | 26 - 136 |
| 2-Fluorobiphenyl - RE            | 100           |               | 39 - 130 |
| 2-Fluorophenol (Surr) - RE       | 40            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RE      | 103           |               | 32 - 133 |
| Phenol-d5 (Surr) - RE            | 22            |               | 8 - 124  |
| p-Terphenyl-d14 - RE             | 89            |               | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Lab Sample ID: 860-116038-11 MS

Matrix: Water

Analysis Batch: 277389

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec  | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|-----------|--------------|------|---|-------|-------------|-----|-----------|
| Diphenyl ether - DL2 | 58.5          | E                | 5.68        | 2250      | 4            | ug/L |   | 38565 | 46 - 130    |     |           |

Lab Sample ID: 860-116038-11 MSD

Matrix: Water

Analysis Batch: 277389

Client Sample ID: MW-33S

Prep Type: Total/NA

Prep Batch: 275601

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec  | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|------------|---------------|------|---|-------|-------------|-----|-----------|
| Diphenyl ether - DL2 | 58.5          | E                | 5.71        | 2901       | 4             | ug/L |   | 49737 | 46 - 130    | 25  | 30        |

## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### GC/MS VOA

#### Analysis Batch: 275140

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116038-1        | MW-34SR                | Total/NA  | Water  | 8260D  |            |
| 860-116038-2        | MW-34DR                | Total/NA  | Water  | 8260D  |            |
| MB 860-275140/19    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275140/1013 | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275140/14  | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 275382

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116038-3      | MW-32S                 | Total/NA  | Water  | 8260D  |            |
| 860-116038-4      | MW-32D                 | Total/NA  | Water  | 8260D  |            |
| 860-116038-5      | MW-30S                 | Total/NA  | Water  | 8260D  |            |
| 860-116038-6      | MW-30D                 | Total/NA  | Water  | 8260D  |            |
| 860-116038-7      | MW-29S                 | Total/NA  | Water  | 8260D  |            |
| 860-116038-8      | MW-29D                 | Total/NA  | Water  | 8260D  |            |
| 860-116038-9      | DUPE-02                | Total/NA  | Water  | 8260D  |            |
| 860-116038-10     | TB-05                  | Total/NA  | Water  | 8260D  |            |
| 860-116038-11     | MW-33S                 | Total/NA  | Water  | 8260D  |            |
| MB 860-275382/10  | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275382/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275382/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116038-11 MS  | MW-33S                 | Total/NA  | Water  | 8260D  |            |
| 860-116038-11 MSD | MW-33S                 | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 275621

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116038-12     | MW-33D                 | Total/NA  | Water  | 8260D  |            |
| MB 860-275621/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275621/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275621/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115960-B-3 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 275625

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116038-7 - DL | MW-29S                 | Total/NA  | Water  | 8260D  |            |
| MB 860-275625/7   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275625/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275625/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 560-129512-A-4 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 275601

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116038-1      | MW-34SR          | Total/NA  | Water  | 3511   |            |
| 860-116038-2 - DL | MW-34DR          | Total/NA  | Water  | 3511   |            |
| 860-116038-2      | MW-34DR          | Total/NA  | Water  | 3511   |            |
| 860-116038-3      | MW-32S           | Total/NA  | Water  | 3511   |            |
| 860-116038-4      | MW-32D           | Total/NA  | Water  | 3511   |            |
| 860-116038-5      | MW-30S           | Total/NA  | Water  | 3511   |            |
| 860-116038-6 - DL | MW-30D           | Total/NA  | Water  | 3511   |            |
| 860-116038-6      | MW-30D           | Total/NA  | Water  | 3511   |            |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 275601 (Continued)

| Lab Sample ID           | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------------|------------------------|-----------|--------|--------|------------|
| 860-116038-7            | MW-29S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-8            | MW-29D                 | Total/NA  | Water  | 3511   |            |
| 860-116038-9            | DUPE-02                | Total/NA  | Water  | 3511   |            |
| 860-116038-11 - DL      | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-11           | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-12           | MW-33D                 | Total/NA  | Water  | 3511   |            |
| 860-116038-12 - DL      | MW-33D                 | Total/NA  | Water  | 3511   |            |
| MB 860-275601/1-A       | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275601/2-A      | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275601/4-A      | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275601/3-A     | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275601/5-A     | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MS - DL   | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MS        | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MS - DL2  | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MSD - DL  | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MSD - DL2 | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MSD       | MW-33S                 | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 275964

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275601/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275601     |
| LCS 860-275601/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275601     |
| LCS 860-275601/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275601     |
| LCSD 860-275601/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275601     |
| LCSD 860-275601/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275601     |

### Analysis Batch: 276089

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116038-1      | MW-34SR          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-2      | MW-34DR          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-3      | MW-32S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-4      | MW-32D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-5      | MW-30S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-6      | MW-30D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-7      | MW-29S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-8      | MW-29D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-9      | DUPE-02          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11     | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-12     | MW-33D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 MS  | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 MSD | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |

### Analysis Batch: 276290

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275601/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275601     |
| LCS 860-275601/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275601     |
| LCSD 860-275601/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275601     |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## GC/MS Semi VOA

### Analysis Batch: 276430

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116038-2 - DL  | MW-34DR          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-6 - DL  | MW-30D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 - DL | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-12 - DL | MW-33D           | Total/NA  | Water  | 8270E  | 275601     |

### Analysis Batch: 276737

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116038-1      | MW-34SR          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-2      | MW-34DR          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-3      | MW-32S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-4      | MW-32D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-5      | MW-30S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-6      | MW-30D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-7      | MW-29S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-8      | MW-29D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-9      | DUPE-02          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11     | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-12     | MW-33D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 MS  | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 MSD | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |

### Analysis Batch: 276739

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116038-8  | MW-29D           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-9  | DUPE-02          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-12 | MW-33D           | Total/NA  | Water  | 8270E  | 275601     |

### Analysis Batch: 276926

| Lab Sample ID          | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------------|------------------|-----------|--------|--------|------------|
| 860-116038-2 - DL      | MW-34DR          | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 MS - DL  | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 MSD - DL | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |

### Prep Batch: 277294

| Lab Sample ID          | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------------|------------------------|-----------|--------|--------|------------|
| 860-116038-11 - RE     | MW-33S                 | Total/NA  | Water  | 3511   |            |
| MB 860-277294/1-A      | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-277294/2-A     | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-277294/4-A     | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-277294/3-A    | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-277294/5-A    | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MS - RE  | MW-33S                 | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MSD - RE | MW-33S                 | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 277389

| Lab Sample ID           | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------------|------------------|-----------|--------|--------|------------|
| 860-116038-11 MS - DL2  | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-11 MSD - DL2 | MW-33S           | Total/NA  | Water  | 8270E  | 275601     |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### GC/MS Semi VOA

#### Analysis Batch: 277514

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-277294/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 277294     |
| LCS 860-277294/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 277294     |
| LCS 860-277294/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 277294     |
| LCSD 860-277294/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 277294     |
| LCSD 860-277294/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 277294     |

#### Analysis Batch: 277532

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 860-277294/1-A | Method Blank     | Total/NA  | Water  | 8270E  | 277294     |

#### Analysis Batch: 277683

| Lab Sample ID          | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------------|------------------|-----------|--------|--------|------------|
| 860-116038-11 - RE     | MW-33S           | Total/NA  | Water  | 8270E  | 277294     |
| 860-116038-11 MS - RE  | MW-33S           | Total/NA  | Water  | 8270E  | 277294     |
| 860-116038-11 MSD - RE | MW-33S           | Total/NA  | Water  | 8270E  | 277294     |

#### Prep Batch: 278273

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 860-278273/1-A | Method Blank     | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MS  | MW-33S           | Total/NA  | Water  | 3511   |            |
| 860-116038-11 MSD | MW-33S           | Total/NA  | Water  | 3511   |            |

#### Analysis Batch: 278793

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 860-278273/1-A | Method Blank     | Total/NA  | Water  | 8270E  | 278273     |
| 860-116038-11 MS  | MW-33S           | Total/NA  | Water  | 8270E  | 278273     |
| 860-116038-11 MSD | MW-33S           | Total/NA  | Water  | 8270E  | 278273     |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Client Sample ID: MW-34SR

Date Collected: 11/06/25 08:25

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275140       | 11/12/25 23:59       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 15:06       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 02:06       | DB      | EET HOU |

## Client Sample ID: MW-34DR

Date Collected: 11/06/25 09:07

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275140       | 11/13/25 00:20       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 400        | 1 mL           | 1 mL         | 276926       | 11/19/25 20:02       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 15:36       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 20         | 1 mL           | 1 mL         | 276430       | 11/18/25 04:44       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 02:34       | DB      | EET HOU |

## Client Sample ID: MW-32S

Date Collected: 11/06/25 09:54

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-3

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 09:34       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.3 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 16:05       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.3 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 03:02       | DB      | EET HOU |

## Client Sample ID: MW-32D

Date Collected: 11/06/25 10:29

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-4

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 09:55       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 67.5 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 16:34       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 67.5 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 03:30       | DB      | EET HOU |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

## Client Sample ID: MW-30S

Date Collected: 11/06/25 11:28

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 10:15       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.7 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 17:04       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.7 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 03:58       | DB      | EET HOU |

## Client Sample ID: MW-30D

Date Collected: 11/06/25 13:20

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 275382       | 11/13/25 12:19       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.4 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 17:33       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.4 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 10         | 1 mL           | 1 mL         | 276430       | 11/18/25 04:15       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.4 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 04:26       | DB      | EET HOU |

## Client Sample ID: MW-29S

Date Collected: 11/06/25 14:12

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-7

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 275382       | 11/13/25 12:39       | NA      | EET HOU |
| Total/NA  | Analysis   | 8260D        | DL  | 200        | 5 mL           | 5 mL         | 275625       | 11/13/25 15:47       | KLV     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.5 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 18:03       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.5 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 04:54       | DB      | EET HOU |

## Client Sample ID: MW-29D

Date Collected: 11/06/25 15:02

Date Received: 11/08/25 09:20

## Lab Sample ID: 860-116038-8

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1000       | 5 mL           | 5 mL         | 275382       | 11/13/25 13:00       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 400        | 1 mL           | 1 mL         | 276739       | 11/19/25 03:55       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 18:32       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 05:22       | DB      | EET HOU |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Client Sample ID: DUPE-02**

**Lab Sample ID: 860-116038-9**

**Date Collected: 11/06/25 00:00**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1000       | 5 mL           | 5 mL         | 275382       | 11/13/25 13:20       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 400        | 1 mL           | 1 mL         | 276739       | 11/19/25 04:25       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 19:01       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 05:50       | DB      | EET HOU |

**Client Sample ID: TB-05**

**Lab Sample ID: 860-116038-10**

**Date Collected: 11/06/25 00:00**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 07:31       | NA      | EET HOU |

**Client Sample ID: MW-33S**

**Lab Sample ID: 860-116038-11**

**Date Collected: 11/07/25 08:10**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275382       | 11/13/25 09:14       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 19:31       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 20         | 1 mL           | 1 mL         | 276430       | 11/18/25 06:13       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RE  |            | 70 mL          | 4 mL         | 277294       | 11/20/25 15:43       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE  | 1          | 1 mL           | 1 mL         | 277683       | 11/22/25 12:24       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 06:18       | DB      | EET HOU |

**Client Sample ID: MW-33D**

**Lab Sample ID: 860-116038-12**

**Date Collected: 11/07/25 09:04**

**Matrix: Water**

**Date Received: 11/08/25 09:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275621       | 11/13/25 20:34       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 5000       | 1 mL           | 1 mL         | 276739       | 11/19/25 02:56       | HN      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 20:59       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.9 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 276430       | 11/18/25 03:45       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 07:43       | DB      | EET HOU |

Eurofins Houston

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

**Laboratory References:**  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-23-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116038-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

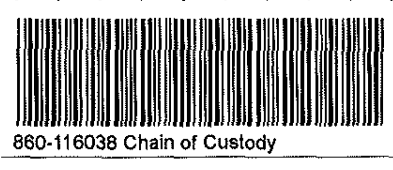
Job ID: 860-116038-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116038-1  | MW-34SR          | Water  | 11/06/25 08:25 | 11/08/25 09:20 | Mississippi   |
| 860-116038-2  | MW-34DR          | Water  | 11/06/25 09:07 | 11/08/25 09:20 | Mississippi   |
| 860-116038-3  | MW-32S           | Water  | 11/06/25 09:54 | 11/08/25 09:20 | Mississippi   |
| 860-116038-4  | MW-32D           | Water  | 11/06/25 10:29 | 11/08/25 09:20 | Mississippi   |
| 860-116038-5  | MW-30S           | Water  | 11/06/25 11:28 | 11/08/25 09:20 | Mississippi   |
| 860-116038-6  | MW-30D           | Water  | 11/06/25 13:20 | 11/08/25 09:20 | Mississippi   |
| 860-116038-7  | MW-29S           | Water  | 11/06/25 14:12 | 11/08/25 09:20 | Mississippi   |
| 860-116038-8  | MW-29D           | Water  | 11/06/25 15:02 | 11/08/25 09:20 | Mississippi   |
| 860-116038-9  | DUPE-02          | Water  | 11/06/25 00:00 | 11/08/25 09:20 | Mississippi   |
| 860-116038-10 | TB-05            | Water  | 11/06/25 00:00 | 11/08/25 09:20 | Mississippi   |
| 860-116038-11 | MW-33S           | Water  | 11/07/25 08:10 | 11/08/25 09:20 | Mississippi   |
| 860-116038-12 | MW-33D           | Water  | 11/07/25 09:04 | 11/08/25 09:20 | Mississippi   |

4145 Greenbriar Dr  
Stafford, TX 77477  
Phone (281) 240-4200

Chain of Custody Record Area # 1

|                                                    |  |                                                                                                                                                                                                                        |  |                                                                                     |  |                                                                                                                                |  |                                           |  |
|----------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|
| <b>Client Information</b>                          |  | Sampler: <u>Brandon Cassidy</u>                                                                                                                                                                                        |  | Lab P/N: <u>Kudchadkar Sachin G</u>                                                 |  | Carrier Tracking No(s):                                                                                                        |  | COC No: <u>860-33465-10045.1</u>          |  |
| Client Contact: <u>Mr Antonio Cardoso</u>          |  | Phone: <u>281-615-9367</u>                                                                                                                                                                                             |  | E-Mail: <u>Sachin.Kudchadkar@eurofins.com</u>                                       |  | State of Origin: <u>MS</u>                                                                                                     |  | Page: <u>1 of 2</u>                       |  |
| Company: <u>Arcadis US Inc.</u>                    |  | PWSID:                                                                                                                                                                                                                 |  | Analysis Requested                                                                  |  | Job #:                                                                                                                         |  | Preservation Codes: <u>N None</u>         |  |
| Address: <u>4300 West Cypress Street Suite 450</u> |  | Due Date Requested:                                                                                                                                                                                                    |  | Field Filtered Sample (Yes or No)                                                   |  | Perform MS/MSD (Yes or No)                                                                                                     |  | Total Number of containers                |  |
| City: <u>Tampa</u>                                 |  | TAT Requested (days):                                                                                                                                                                                                  |  | 8270E_QQQ (MOD) Appendix 9 SVOCs                                                    |  | 8260D (MOD) Appendix 9 VOCs                                                                                                    |  | 8321A_DeNav                               |  |
| State Zip: <u>FL, 33607</u>                        |  | Compliance Project: <u>Δ Yes Δ No</u>                                                                                                                                                                                  |  | 8270E_QQQ (MOD) Appendix 9 SVOCs                                                    |  | 8260D (MOD) Appendix 9 VOCs                                                                                                    |  | 8321A_DeNav                               |  |
| Phone: <u>1096575</u>                              |  | PO #:                                                                                                                                                                                                                  |  | 8270E_QQQ (MOD) Appendix 9 SVOCs                                                    |  | 8260D (MOD) Appendix 9 VOCs                                                                                                    |  | 8321A_DeNav                               |  |
| Email: <u>antonio.cardoso@arcadis.com</u>          |  | WO #:                                                                                                                                                                                                                  |  | 8270E_QQQ (MOD) Appendix 9 SVOCs                                                    |  | 8260D (MOD) Appendix 9 VOCs                                                                                                    |  | 8321A_DeNav                               |  |
| Project Name: <u>Hercules Hattiesburg, MS</u>      |  | Project #:                                                                                                                                                                                                             |  | 8270E_QQQ (MOD) Appendix 9 SVOCs                                                    |  | 8260D (MOD) Appendix 9 VOCs                                                                                                    |  | 8321A_DeNav                               |  |
| Site: <u>Hercules Hattiesburg, MS</u>              |  | SSDW#:                                                                                                                                                                                                                 |  | 8270E_QQQ (MOD) Appendix 9 SVOCs                                                    |  | 8260D (MOD) Appendix 9 VOCs                                                                                                    |  | 8321A_DeNav                               |  |
| Sample Identification                              |  | Sample Date                                                                                                                                                                                                            |  | Sample Time                                                                         |  | Sample Type (C=Comp, G=grab, B=Bottom, A=Air)                                                                                  |  | Matrix (W=Water, S=solid, O=Other, A=Air) |  |
| MW-345R                                            |  | 11/6/25                                                                                                                                                                                                                |  | 0825                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| MW-34DP                                            |  | 11/6/25                                                                                                                                                                                                                |  | 0907                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| MW-325                                             |  | 11/6/25                                                                                                                                                                                                                |  | 0954                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| MW-32D                                             |  | 11/6/25                                                                                                                                                                                                                |  | 1029                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| MW-305                                             |  | 11/6/25                                                                                                                                                                                                                |  | 1128                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| MW-30D                                             |  | 11/6/25                                                                                                                                                                                                                |  | 1320                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| MW-295                                             |  | 11/6/25                                                                                                                                                                                                                |  | 1412                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| MW-29D                                             |  | 11/6/25                                                                                                                                                                                                                |  | 1502                                                                                |  | G                                                                                                                              |  | Water                                     |  |
| DUPE-02                                            |  | 11/6/25                                                                                                                                                                                                                |  | —                                                                                   |  | G                                                                                                                              |  | Water                                     |  |
| TB-05                                              |  | 11/6/25                                                                                                                                                                                                                |  | —                                                                                   |  | G                                                                                                                              |  | Water                                     |  |
| Possible Hazard Identification                     |  | Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological <input type="checkbox"/> |  | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |  | Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months |  | Special Instructions/Note                 |  |
| Deliverable Requested: I II III IV Other (specify) |  | Empty Kit Relinquished by:                                                                                                                                                                                             |  | Date:                                                                               |  | Time:                                                                                                                          |  | Method of Shipment:                       |  |
| Relinquished by: <u>[Signature]</u>                |  | Date/Time: <u>11/25 200</u>                                                                                                                                                                                            |  | Company: <u>ARCADIS</u>                                                             |  | Received by: <u>[Signature]</u>                                                                                                |  | Date/Time: <u>11/18/25 0920</u>           |  |
| Relinquished by:                                   |  | Date/Time:                                                                                                                                                                                                             |  | Company:                                                                            |  | Received by:                                                                                                                   |  | Date/Time:                                |  |
| Relinquished by:                                   |  | Date/Time:                                                                                                                                                                                                             |  | Company:                                                                            |  | Received by:                                                                                                                   |  | Date/Time:                                |  |
| Custody Seals Intact: <u>Δ Yes Δ No</u>            |  | Custody Seal No                                                                                                                                                                                                        |  | Cooler Temperature(s) °C and Other Remarks:                                         |  | Temp: <u>14.1°C</u>                                                                                                            |  | IR ID: <u>HOU-368</u>                     |  |



860-116038 Chain of Custody



## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116038-1

Login Number: 116038

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 11/25/2025 2:20:26 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116043-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
11/25/2025 2:20:26 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1-       | Surrogate recovery exceeds control limits, low biased.                                                         |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |

Eurofins Houston

Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|--------------|-----------------------------------------------------------------------------|
| TNTC         | Too Numerous To Count                                                       |

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# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116043-1

**Job ID: 860-116043-1**

**Eurofins Houston**

## Job Narrative 860-116043-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/10/2025 9:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

### GC/MS VOA

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-275424 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275424 recovered above the upper control limit for Ethyl methacrylate, Iodomethane, Naphthalene, Vinyl acetate, and trans-1,4-Dichloro-2-butene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCVIS 860-275424/2).

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-275424 recovered outside control limits for the following analytes: Ethyl methacrylate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 860-275424 recovered outside control several analytes. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-275424 recovered outside control limits for several analytes. These analytes were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275429 recovered above the upper control limit for 1,2-Dibromoethane (22%), 2-Butanone (30%), 2-Hexanone (43%), 3-Chloropropene-1-propene (30%), 4-Methyl-2-pentanone (39%), Acetone (38%), Acetonitrile (46%), Acrylonitrile (34%), Carbon disulfide (30%), Ethyl methacrylate (60%), iodomethane (29%), Isobutyl alcohol (30%), Methylene chloride (23%), Propionitrile (29%), Tetrahydrofuran (25%), trans-1,2-Dichloroethene (26%), trans-1,4-Dichloro-2-butene (25%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCVIS 860-275429/2).

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-275424 recovered outside control limits for the following analytes: Benzyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-275424 recovered outside control limits for the following analytes: Benzyl chloride and Vinyl acetate.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-275429 recovered outside control limits for the following analytes: Ethyl methacrylate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### Job ID: 860-116043-1 (Continued)

Eurofins Houston

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 860-275429 recovered outside control limits for the following analytes: Iodomethane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-275429 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-26-S (860-116043-8), MW-26-D (860-116043-9), MW-28-S (860-116043-11) and MW-28-D (860-116043-12). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275621 recovered above the upper control limit for 2-Butanone, Dichloro difluoromethane, Ethyl methacrylate, Iodomethane, Methacrylonitrile, Propionitrile, Vinyl acetate, Butadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCVIS 860-275621/2).

Method 8260D: The laboratory control sample (LCS) for analytical batch 860-275621 recovered outside control limits for the following analytes: Ethyl methacrylate and Propionitrile. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 860-275621 recovered outside control limits for the following analytes: Ethyl methacrylate, Propionitrile, Methyl methacrylate, Tetrahydrofuran and 2-Butanone. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-275621 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-275621 recovered outside acceptance criteria, low biased, for Acrolein (-47%). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-275893 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-26-S (860-116043-8) and (860-116043-B-8 MS). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### GC/MS Semi VOA

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Di-n-octyl phthalate, 1,3-Dinitrobenzene, Hexachloropropene and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-275601 and 860-275662 and analytical batch 860-275964 recovered outside control limits for the following analytes: Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Methapyrilene, Disulfoton and Thionazin. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275662 and analytical batch 860-275964 recovered outside control limits for the following analyte(s): Benzyl alcohol, Pyridine, 2-Picoline, 3,3'-Dimethylbenzidine and p-Phenylene diamine. Benzyl alcohol, Pyridine, 2-Picoline, 3,3'-Dimethylbenzidine and p-Phenylene diamine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Eurofins Houston

## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### Job ID: 860-116043-1 (Continued)

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Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276089 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276089 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276089/3).

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-275601 and analytical batch 860-276089 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one base and one acid of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (860-116038-D-11-B MS). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Disulfoton and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275964/3).

Method 8270E\_QQQ: The laboratory is using 70 - 130% as interim acceptance criteria for recoveries of spiked analytes for Safole, Total, until in-house LCS limits are developed. Data is flagged and reported.

(LCS 860-275601/2-A), (LCS 860-275662/2-A) and (LCSD 860-275662/3-A)

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: (860-116304-G-5-A MS) and (860-116304-G-5-B MSD). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276083/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-275662 and analytical batch 860-276083 were outside control limits. Sample matrix interference and non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Butyl benzyl phthalate. The samples associated with this CCV were non-detects for the affected analytes;

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116043-1

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therefore, the data have been reported. The associated sample is:(CCVIS 860-276083/2).

Method 8270E\_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275662 and analytical batch 860-276290 recovered outside control limits for the following analyte: alpha,alpha-Dimethyl phenethylamine. alpha,alpha-Dimethyl phenethylamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276290 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276290/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276290 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276290/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for 2-Acetylaminofluorene, Aramite Peak 1, Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275931/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275931/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276472 recovered above the upper control limit for 2-Fluorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276472/2).

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-275662 and analytical batch 860-276472 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270E\_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-26-D (860-116043-9). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The laboratory is using default limits of 70-130% as interim acceptance criteria for the recovery of spiked analytes for Safrole, Total until in house limits are developed. The data is flagged and reported.

(LCS 860-275601/2-A) and (LCSD 860-275601/3-A)

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: (860-116038-D-11-B MS) and (860-116038-D-11-C MSD). These results have been reported and qualified.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-28-S (860-116043-11). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-26-D (860-116043-9) and MW-28-D (860-116043-12). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116043-1

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where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276619 recovered above the upper control limit for 2-Fluorophenol (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276619/2).

Method 8270E\_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-28-S (860-116043-11). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-28-S (860-116043-11). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-26-S (860-116043-8). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-26-S (860-116043-8). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### Client Sample ID: TB-06

Lab Sample ID: 860-116043-1

No Detections.

### Client Sample ID: MW-25

Lab Sample ID: 860-116043-2

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,4-Dioxane                 | 1.61   |           | 0.575 | 0.105 | ug/L | 1       |   | 8270E  | Total/NA  |
| Benzyl alcohol              | 0.297  | J         | 2.87  | 0.226 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate | 0.723  | J         | 1.15  | 0.574 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether              | 0.977  |           | 0.575 | 0.102 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-129-D

Lab Sample ID: 860-116043-3

No Detections.

### Client Sample ID: MW-31-S

Lab Sample ID: 860-116043-4

| Analyte        | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Benzyl alcohol | 0.246  | J         | 2.87 | 0.225 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-31-D

Lab Sample ID: 860-116043-5

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Benzyl alcohol              | 0.241  | J         | 2.92 | 0.229 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate | 0.670  | J         | 1.17 | 0.583 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-27-D

Lab Sample ID: 860-116043-6

| Analyte        | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Benzyl alcohol | 0.238  | J         | 2.84 | 0.223 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-27-S

Lab Sample ID: 860-116043-7

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Benzyl alcohol              | 0.358  | J         | 2.86 | 0.224 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate | 0.695  | J         | 1.14 | 0.571 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-26-S

Lab Sample ID: 860-116043-8

| Analyte                   | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene                   | 769    |           | 500   | 230    | ug/L | 500     |   | 8260D  | Total/NA  |
| Chlorobenzene             | 337    | J         | 500   | 228    | ug/L | 500     |   | 8260D  | Total/NA  |
| Chloroform                | 6420   |           | 500   | 232    | ug/L | 500     |   | 8260D  | Total/NA  |
| Carbon tetrachloride - DL | 103000 |           | 4000  | 1790   | ug/L | 2000    |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene       | 2.77   |           | 0.573 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene       | 0.247  | J         | 0.573 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene       | 4.00   |           | 0.573 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane               | 1.74   |           | 0.573 | 0.105  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol        | 0.311  | J         | 0.573 | 0.0947 | ug/L | 1       |   | 8270E  | Total/NA  |
| Benzyl alcohol            | 3.11   | I         | 2.87  | 0.225  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran              | 2.47   |           | 0.573 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachloroethane          | 2.98   |           | 0.573 | 0.125  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene               | 18.9   |           | 0.573 | 0.115  | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol         | 0.449  | J         | 0.573 | 0.313  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                    | 22.6   |           | 1.15  | 0.508  | ug/L | 1       |   | 8270E  | Total/NA  |
| Acetophenone              | 2.94   |           | 1.15  | 0.139  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol            | 0.212  | J         | 0.573 | 0.103  | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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# Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Client Sample ID: MW-26-S (Continued)

Lab Sample ID: 860-116043-8

| Analyte                           | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 2-Naphthylamine                   | 1.03   | I         | 0.573 | 0.413 | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate | 2.41   |           | 0.573 | 0.133 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL               | 7020   |           | 287   | 50.7  | ug/L | 500     |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL                | 1860   |           | 287   | 56.8  | ug/L | 500     |   | 8270E  | Total/NA  |

## Client Sample ID: MW-26-D

Lab Sample ID: 860-116043-9

| Analyte                           | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene                           | 886    | J         | 1000  | 460    | ug/L | 1000    |   | 8260D  | Total/NA  |
| Carbon tetrachloride              | 114000 |           | 2000  | 896    | ug/L | 1000    |   | 8260D  | Total/NA  |
| Chloroform                        | 7210   |           | 1000  | 464    | ug/L | 1000    |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene               | 3.47   |           | 0.572 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene               | 0.312  | J         | 0.572 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene               | 5.04   |           | 0.572 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane                       | 2.20   |           | 0.572 | 0.105  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitroaniline                    | 1.28   | I         | 0.572 | 0.158  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitrophenol                     | 0.163  | J         | 0.572 | 0.137  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol                | 0.442  | J         | 0.572 | 0.0945 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether           | 0.227  | J I       | 0.572 | 0.107  | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate       | 0.590  | J         | 1.14  | 0.572  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran                      | 5.37   |           | 0.572 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                          | 0.119  | J         | 0.572 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachloroethane                  | 5.57   |           | 0.572 | 0.125  | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol                 | 0.370  | J         | 0.572 | 0.312  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                            | 13.4   |           | 1.14  | 0.507  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol                    | 0.149  | J         | 0.572 | 0.103  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Naphthylamine                   | 1.51   | I         | 0.572 | 0.412  | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate | 3.09   |           | 0.572 | 0.132  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene - DL                  | 31.6   |           | 5.72  | 1.14   | ug/L | 10      |   | 8270E  | Total/NA  |
| Diphenyl ether - DL2              | 8700   |           | 572   | 101    | ug/L | 1000    |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL2               | 2400   |           | 572   | 113    | ug/L | 1000    |   | 8270E  | Total/NA  |

## Client Sample ID: RB-02

Lab Sample ID: 860-116043-10

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Naphthalene         | 0.187  | J         | 0.571 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl       | 15.5   |           | 0.571 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 58.2   |           | 5.71  | 1.01  | ug/L | 10      |   | 8270E  | Total/NA  |

## Client Sample ID: MW-28-S

Lab Sample ID: 860-116043-11

| Analyte                     | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene                     | 927    | J         | 2000  | 919    | ug/L | 2000    |   | 8260D  | Total/NA  |
| Carbon tetrachloride        | 66600  |           | 4000  | 1790   | ug/L | 2000    |   | 8260D  | Total/NA  |
| Chloroform                  | 9600   |           | 2000  | 928    | ug/L | 2000    |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene         | 2.39   |           | 0.566 | 0.0999 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene         | 0.216  | J         | 0.566 | 0.107  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene         | 3.35   |           | 0.566 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane                 | 1.45   |           | 0.566 | 0.104  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitrophenol               | 0.190  | J         | 0.566 | 0.136  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol          | 0.477  | J         | 0.566 | 0.0935 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate | 0.983  | J         | 1.13  | 0.565  | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### Client Sample ID: MW-28-S (Continued)

Lab Sample ID: 860-116043-11

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Dibenzofuran        | 1.89   |           | 0.566 | 0.111 | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachloroethane    | 5.28   |           | 0.566 | 0.124 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene         | 9.52   |           | 0.566 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether      | 3810   |           | 566   | 100   | ug/L | 1000    |   | 8270E  | Total/NA  |
| 2-Chlorophenol      | 0.307  | J         | 0.566 | 0.102 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol - DL         | 68.2   |           | 11.3  | 5.01  | ug/L | 10      |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL2 | 1120   |           | 28.3  | 5.61  | ug/L | 50      |   | 8270E  | Total/NA  |

### Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

| Analyte                     | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene                     | 232    | J         | 500   | 230    | ug/L | 500     |   | 8260D  | Total/NA  |
| Carbon tetrachloride        | 32400  |           | 1000  | 448    | ug/L | 500     |   | 8260D  | Total/NA  |
| Chloroform                  | 3630   |           | 500   | 232    | ug/L | 500     |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene         | 2.77   |           | 0.571 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene         | 0.268  | J         | 0.571 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene         | 4.17   |           | 0.571 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane                 | 1.06   |           | 0.571 | 0.105  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitroaniline              | 1.86   | I         | 0.571 | 0.158  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol          | 0.268  | J         | 0.571 | 0.0944 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate | 0.571  | J         | 1.14  | 0.571  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran                | 4.73   |           | 0.571 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachloroethane            | 2.08   |           | 0.571 | 0.125  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene                 | 17.0   |           | 0.571 | 0.114  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                      | 14.4   |           | 1.14  | 0.506  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol              | 0.181  | J         | 0.571 | 0.103  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL2        | 10100  |           | 571   | 101    | ug/L | 1000    |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL2         | 2300   |           | 571   | 113    | ug/L | 1000    |   | 8270E  | Total/NA  |

### Client Sample ID: FB-02

Lab Sample ID: 860-116043-13

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: TB-06

Lab Sample ID: 860-116043-1

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 15:37 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 15:37 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 15:37 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 15:37 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 15:37 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U *+ *1   | 5.00 | 2.26  | ug/L |   |          | 11/12/25 21:35 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 15:37 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 15:37 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Ethyl methacrylate                    | <1.12  | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 15:37 | 1       |
| Iodomethane                           | <5.00  | U *+      | 20.0 | 5.00  | ug/L |   |          | 11/13/25 15:37 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 15:37 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: TB-06

Lab Sample ID: 860-116043-1

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 15:37 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 15:37 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 15:37 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 15:37 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 15:37 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 15:37 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 15:37 | 1       |
| Vinyl acetate               | <2.14     | U *1      | 20.0    | 2.14     | ug/L |   |          | 11/12/25 21:35 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 15:37 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 15:37 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 15:37 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 15:37 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 15:37 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          | 11/12/25 21:35 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 118       |           | 63 - 144 |          | 11/13/25 15:37 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 74 - 124 |          | 11/12/25 21:35 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 74 - 124 |          | 11/13/25 15:37 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 75 - 131 |          | 11/12/25 21:35 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 131 |          | 11/13/25 15:37 | 1       |
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 11/12/25 21:35 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/13/25 15:37 | 1       |

Client Sample ID: MW-25

Lab Sample ID: 860-116043-2

Date Collected: 11/06/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 19:32 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-25

Lab Sample ID: 860-116043-2

Date Collected: 11/06/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U **      | 50.0 | 8.28  | ug/L |   |          | 11/13/25 19:32 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 19:32 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 19:32 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 19:32 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 19:32 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 19:32 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 19:32 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Ethyl methacrylate               | <1.12  | U **      | 5.00 | 1.12  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Methacrylonitrile                | <2.72  | U **      | 10.0 | 2.72  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Propionitrile                    | <3.34  | U **      | 10.0 | 3.34  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/13/25 19:32 | 1       |
| Tetrahydrofuran                  | <1.83  | U **      | 10.0 | 1.83  | ug/L |   |          | 11/13/25 19:32 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/13/25 19:32 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/13/25 19:32 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/13/25 19:32 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-25

Lab Sample ID: 860-116043-2

Date Collected: 11/06/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/13/25 19:32 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/13/25 19:32 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/13/25 19:32 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/13/25 19:32 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/13/25 19:32 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/13/25 19:32 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/13/25 19:32 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/13/25 19:32 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 63 - 144 |          |      |   |          | 11/13/25 19:32 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 74 - 124 |          |      |   |          | 11/13/25 19:32 | 1       |
| Dibromofluoromethane (Surr)  | 128       |           | 75 - 131 |          |      |   |          | 11/13/25 19:32 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |          |      |   |          | 11/13/25 19:32 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.575 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,2-Dichlorobenzene          | <0.102  | U         | 0.575 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.575 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86   | U         | 2.87  | 1.86   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,4,5-Trichlorophenol        | <0.433  | U         | 0.575 | 0.433  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.575 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,4-Dichlorophenol           | <0.127  | U         | 0.575 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,4-Dimethylphenol           | <0.113  | U         | 0.575 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,4-Dioxane                  | 1.61    |           | 0.575 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.75  | 1.39   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,4-Dinitrotoluene           | <0.516  | U         | 1.15  | 0.516  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,6-Dinitrotoluene           | <0.275  | U         | 0.575 | 0.275  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.575 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Methylnaphthalene          | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Methylphenol               | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.575 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.575 | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 3 & 4 Methylphenol           | <0.0950 | U         | 0.575 | 0.0950 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 3-Nitroaniline               | <0.224  | U         | 1.15  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.24   | U         | 2.87  | 1.24   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.575 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U         | 0.575 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4-Chloroaniline              | <0.0886 | U         | 0.575 | 0.0886 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0959 | U         | 0.575 | 0.0959 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4-Nitroaniline               | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Acenaphthene                 | <0.102  | U         | 0.575 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Acenaphthylene               | <0.126  | U         | 0.575 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Aniline                      | <0.453  | U         | 1.15  | 0.453  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Anthracene                   | <0.105  | U         | 0.575 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Benzo[a]pyrene               | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Benzo[b]fluoranthene         | <0.125  | U         | 0.575 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-25

Lab Sample ID: 860-116043-2

Date Collected: 11/06/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                            | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[g,h,i]perylene               | <0.0908      | U         | 0.575 | 0.0908 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Benzo[k]fluoranthene               | <0.124       | U         | 0.575 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| <b>Benzyl alcohol</b>              | <b>0.297</b> | <b>J</b>  | 2.87  | 0.226  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Bis(2-chloroethoxy)methane         | <0.108       | U         | 0.575 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Bis(2-chloroethyl)ether            | <0.107       | U         | 0.575 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| <b>Bis(2-ethylhexyl) phthalate</b> | <b>0.723</b> | <b>J</b>  | 1.15  | 0.574  | ug/L |   | 11/13/25 11:44 | 11/19/25 08:11 | 1       |
| Butyl benzyl phthalate             | <0.338       | U         | 1.15  | 0.338  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Chrysene                           | <0.0971      | U         | 0.575 | 0.0971 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Dibenz[a,h]anthracene              | <0.0856      | U         | 0.115 | 0.0856 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Dibenzofuran                       | <0.113       | U         | 0.575 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Diethyl phthalate                  | <0.188       | U         | 1.15  | 0.188  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Dimethyl phthalate                 | <0.134       | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Di-n-butyl phthalate               | <0.664       | U         | 1.15  | 0.664  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Di-n-octyl phthalate               | <0.287       | U         | 1.15  | 0.287  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Fluoranthene                       | <0.121       | U         | 0.575 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Fluorene                           | <0.114       | U         | 0.575 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Hexachlorobenzene                  | <0.133       | U         | 0.575 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Hexachlorobutadiene                | <0.163       | U         | 0.575 | 0.163  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Hexachlorocyclopentadiene          | <0.180       | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Hexachloroethane                   | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Indeno[1,2,3-cd]pyrene             | <0.103       | U         | 0.575 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Isophorone                         | <0.106       | U         | 0.575 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Naphthalene                        | <0.115       | U         | 0.575 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Nitrobenzene                       | <0.153       | U         | 0.575 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosodi-n-propylamine          | <0.148       | U         | 0.575 | 0.148  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosodiphenylamine             | <0.113       | U         | 0.575 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Pentachlorophenol                  | <0.314       | U         | 0.575 | 0.314  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Phenanthrene                       | <0.107       | U         | 0.575 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Phenol                             | <0.509       | U         | 1.15  | 0.509  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Pyrene                             | <0.130       | U         | 0.575 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Pyridine                           | <0.841       | U         | 2.87  | 0.841  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitro-o-toluidine                | <0.655       | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,3,4,6-Tetrachlorophenol          | <0.255       | U         | 0.575 | 0.255  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Acetophenone                       | <0.139       | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosopiperidine                | <0.634       | U         | 1.15  | 0.634  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Pentachlorobenzene                 | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| <b>Diphenyl ether</b>              | <b>0.977</b> |           | 0.575 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,1'-Biphenyl                      | <0.114       | U         | 0.575 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4-Aminobiphenyl                    | <0.196       | U         | 0.575 | 0.196  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,2,4,5-Tetrachlorobenzene         | <0.116       | U         | 0.575 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,3,5-Trinitrobenzene              | <0.657       | U         | 1.15  | 0.657  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,3-Dinitrobenzene                 | <0.591       | U         | 1.15  | 0.591  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1,4-Naphthoquinone                 | <0.0616      | U         | 0.575 | 0.0616 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 1-Naphthylamine                    | <0.271       | U         | 0.575 | 0.271  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,6-Dichlorophenol                 | <0.0978      | U         | 0.575 | 0.0978 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Acetylaminofluorene              | <1.72        | U         | 2.87  | 1.72   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Chlorophenol                     | <0.103       | U         | 0.575 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Naphthylamine                    | <0.414       | U         | 0.575 | 0.414  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Picoline                         | <1.04        | U         | 1.15  | 1.04   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-25

Lab Sample ID: 860-116043-2

Date Collected: 11/06/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Toluidine                         | <0.427  | U         | 0.575 | 0.427  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 3,3'-Dichlorobenzidine              | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 3,3'-Dimethylbenzidine              | <0.297  | U         | 0.575 | 0.297  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 3-Methylcholanthrene                | <0.0886 | U         | 0.575 | 0.0886 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.640  | U         | 1.15  | 0.640  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.129  | U         | 0.575 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U         | 5.75  | 1.46   | ug/L |   | 11/13/25 11:44 | 11/19/25 08:11 | 1       |
| Aramite Peak 1                      | <0.185  | U         | 0.575 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Aramite Peak 2                      | <0.204  | U         | 0.575 | 0.204  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Aramite, Total                      | <0.185  | U *-      | 0.575 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Diallate                            | <0.0301 | U *-      | 0.575 | 0.0301 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Diallate Peak 1                     | <0.0752 | U         | 0.575 | 0.0752 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Diallate Peak 2                     | <0.0301 | U         | 0.575 | 0.0301 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Dimethoate                          | <0.502  | U **      | 2.87  | 0.502  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Dinoseb                             | <0.680  | U **      | 2.87  | 0.680  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.575 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Ethyl Parathion                     | <0.629  | U **      | 1.15  | 0.629  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Famphur                             | <0.260  | U         | 1.15  | 0.260  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Hexachloropropene                   | <0.575  | U         | 0.575 | 0.575  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Isosafrole                          | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Isosafrole Peak 1                   | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Isosafrole Peak 2                   | <0.0991 | U         | 0.575 | 0.0991 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Methapyrilene                       | <1.53   | U **      | 2.30  | 1.53   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Methyl methanesulfonate             | <0.187  | U         | 0.575 | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Methyl parathion                    | <2.78   | U **      | 2.87  | 2.78   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosodiethylamine               | <0.677  | U         | 1.15  | 0.677  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U         | 0.575 | 0.160  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosodi-n-butylamine            | <0.728  | U         | 1.15  | 0.728  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosomethylethylamine           | <0.705  | U         | 1.15  | 0.705  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosomorpholine                 | <0.717  | U         | 1.15  | 0.717  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.575 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.133  | U         | 0.575 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| p-Dimethylamino azobenzene          | <0.155  | U         | 0.575 | 0.155  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Pentachloronitrobenzene             | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Phenacetin                          | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Phorate                             | <2.62   | U **      | 5.75  | 2.62   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| p-Phenylene diamine                 | <5.75   | U         | 5.75  | 5.75   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Pronamide                           | <0.135  | U         | 0.575 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Safrole, Total                      | <0.0926 | U *-      | 0.575 | 0.0926 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Sulfotepp                           | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Thionazin                           | <0.342  | U         | 1.15  | 0.342  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:29 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 61        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 08:11 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 08:11 | 1       |
| 2-Fluorophenol (Surr)       | 53        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 08:11 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

**Client Sample ID: MW-25**

**Lab Sample ID: 860-116043-2**

**Date Collected: 11/06/25 08:59**

**Matrix: Water**

**Date Received: 11/10/25 09:20**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr) | 69        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Nitrobenzene-d5 (Surr) | 82        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 08:11 | 1       |
| Phenol-d5 (Surr)       | 32        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| Phenol-d5 (Surr)       | 30        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 08:11 | 1       |
| p-Terphenyl-d14        | 65        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 21:29 | 1       |
| p-Terphenyl-d14        | 60        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 08:11 | 1       |

**Client Sample ID: MW-129-D**

**Lab Sample ID: 860-116043-3**

**Date Collected: 11/06/25 09:58**

**Matrix: Water**

**Date Received: 11/10/25 09:20**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 15:58 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 15:58 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 15:58 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 15:58 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 15:58 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 15:58 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 15:58 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 15:58 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 15:58 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U *+ *1   | 5.00 | 2.26  | ug/L |   |          | 11/12/25 23:18 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 15:58 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 15:58 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 15:58 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 15:58 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 15:58 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 15:58 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 15:58 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 15:58 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 15:58 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 15:58 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-129-D

Lab Sample ID: 860-116043-3

Date Collected: 11/06/25 09:58

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 15:58 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 15:58 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Ethyl methacrylate          | <1.12     | U *       | 5.00    | 1.12     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Iodomethane                 | <5.00     | U *       | 20.0    | 5.00     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 15:58 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 15:58 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 15:58 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 15:58 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 15:58 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 15:58 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 15:58 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 15:58 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 63 - 144 |          | 11/12/25 23:18 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 118       |           | 63 - 144 |          | 11/13/25 15:58 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/12/25 23:18 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/13/25 15:58 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 75 - 131 |          | 11/12/25 23:18 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 131 |          | 11/13/25 15:58 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |          | 11/12/25 23:18 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/13/25 15:58 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | <0.0946 | U         | 0.447 | 0.0946 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,2-Dichlorobenzene    | <0.0790 | U         | 0.447 | 0.0790 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,3-Dichlorobenzene    | <0.0844 | U         | 0.447 | 0.0844 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,4-Dichlorobenzene    | <0.0858 | U         | 0.447 | 0.0858 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-129-D

Lab Sample ID: 860-116043-3

Date Collected: 11/06/25 09:58

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                      | Result  | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|--------|--------|------|---|----------------|----------------|---------|
| 2,2'-oxybis[1-chloropropane] | <1.45   | U         | 2.24   | 1.45   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,4,5-Trichlorophenol        | <0.337  | U         | 0.447  | 0.337  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,4,6-Trichlorophenol        | <0.0914 | U         | 0.447  | 0.0914 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,4-Dichlorophenol           | <0.0986 | U         | 0.447  | 0.0986 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,4-Dimethylphenol           | <0.0877 | U         | 0.447  | 0.0877 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,4-Dioxane                  | <0.0820 | U         | 0.447  | 0.0820 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,4-Dinitrophenol            | <1.08   | U         | 4.47   | 1.08   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,4-Dinitrotoluene           | <0.402  | U         | 0.895  | 0.402  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,6-Dinitrotoluene           | <0.214  | U         | 0.447  | 0.214  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Chloronaphthalene          | <0.0926 | U         | 0.447  | 0.0926 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Methylnaphthalene          | <0.0853 | U         | 0.447  | 0.0853 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Methylphenol               | <0.0853 | U         | 0.447  | 0.0853 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Nitroaniline               | <0.124  | U         | 0.447  | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Nitrophenol                | <0.107  | U         | 0.447  | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 3 & 4 Methylphenol           | <0.0739 | U         | 0.447  | 0.0739 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 3-Nitroaniline               | <0.174  | U         | 0.895  | 0.174  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4,6-Dinitro-2-methylphenol   | <0.963  | U         | 2.24   | 0.963  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4-Bromophenyl phenyl ether   | <0.0825 | U         | 0.447  | 0.0825 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4-Chloro-3-methylphenol      | <0.0933 | U         | 0.447  | 0.0933 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4-Chloroaniline              | <0.0690 | U         | 0.447  | 0.0690 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0747 | U         | 0.447  | 0.0747 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4-Nitroaniline               | <0.212  | U         | 0.895  | 0.212  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Acenaphthene                 | <0.0793 | U         | 0.447  | 0.0793 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Acenaphthylene               | <0.0979 | U         | 0.447  | 0.0979 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Aniline                      | <0.352  | U         | 0.895  | 0.352  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Anthracene                   | <0.0815 | U         | 0.447  | 0.0815 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Benzo[a]anthracene           | <0.0992 | U         | 0.224  | 0.0992 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Benzo[a]pyrene               | <0.0840 | U         | 0.224  | 0.0840 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Benzo[b]fluoranthene         | <0.0973 | U         | 0.447  | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Benzo[g,h,i]perylene         | <0.0707 | U         | 0.447  | 0.0707 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Benzo[k]fluoranthene         | <0.0965 | U         | 0.447  | 0.0965 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Benzyl alcohol               | <0.176  | U         | 2.24   | 0.176  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Bis(2-chloroethoxy)methane   | <0.0841 | U         | 0.447  | 0.0841 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Bis(2-chloroethyl)ether      | <0.0834 | U         | 0.447  | 0.0834 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.447  | U         | 0.895  | 0.447  | ug/L |   | 11/13/25 11:44 | 11/19/25 08:39 | 1       |
| Butyl benzyl phthalate       | <0.263  | U         | 0.895  | 0.263  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Chrysene                     | <0.0756 | U         | 0.447  | 0.0756 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Dibenz(a,h)anthracene        | <0.0666 | U         | 0.0895 | 0.0666 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Dibenzofuran                 | <0.0879 | U         | 0.447  | 0.0879 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Diethyl phthalate            | <0.146  | U         | 0.895  | 0.146  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Dimethyl phthalate           | <0.105  | U         | 0.895  | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Di-n-butyl phthalate         | <0.517  | U         | 0.895  | 0.517  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Di-n-octyl phthalate         | <0.224  | U         | 0.895  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Fluoranthene                 | <0.0939 | U         | 0.447  | 0.0939 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Fluorene                     | <0.0884 | U         | 0.447  | 0.0884 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Hexachlorobenzene            | <0.103  | U         | 0.447  | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Hexachlorobutadiene          | <0.127  | U         | 0.447  | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Hexachlorocyclopentadiene    | <0.140  | U         | 0.895  | 0.140  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Hexachloroethane             | <0.0978 | U         | 0.447  | 0.0978 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-129-D

Lab Sample ID: 860-116043-3

Date Collected: 11/06/25 09:58

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Indeno[1,2,3-cd]pyrene              | <0.0805 | U         | 0.447 | 0.0805 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Isophorone                          | <0.0829 | U         | 0.447 | 0.0829 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Naphthalene                         | <0.0895 | U         | 0.447 | 0.0895 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Nitrobenzene                        | <0.119  | U         | 0.447 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosodi-n-propylamine           | <0.115  | U         | 0.447 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosodiphenylamine              | <0.0880 | U         | 0.447 | 0.0880 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Pentachlorophenol                   | <0.244  | U         | 0.447 | 0.244  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Phenanthrene                        | <0.0836 | U         | 0.447 | 0.0836 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Phenol                              | <0.397  | U         | 0.895 | 0.397  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Pyrene                              | <0.101  | U         | 0.447 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Pyridine                            | <0.655  | U         | 2.24  | 0.655  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitro-o-toluidine                 | <0.510  | U         | 0.895 | 0.510  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.199  | U         | 0.447 | 0.199  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Acetophenone                        | <0.108  | U         | 0.895 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosopiperidine                 | <0.494  | U         | 0.895 | 0.494  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Pentachlorobenzene                  | <0.0980 | U         | 0.447 | 0.0980 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Diphenyl ether                      | <0.0791 | U         | 0.447 | 0.0791 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,1'-Biphenyl                       | <0.0887 | U         | 0.447 | 0.0887 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4-Aminobiphenyl                     | <0.153  | U         | 0.447 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.0902 | U         | 0.447 | 0.0902 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,3,5-Trinitrobenzene               | <0.511  | U         | 0.895 | 0.511  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,3-Dinitrobenzene                  | <0.460  | U         | 0.895 | 0.460  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1,4-Naphthoquinone                  | <0.0479 | U         | 0.447 | 0.0479 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 1-Naphthylamine                     | <0.211  | U         | 0.447 | 0.211  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,6-Dichlorophenol                  | <0.0762 | U         | 0.447 | 0.0762 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Acetylaminofluorene               | <1.34   | U         | 2.24  | 1.34   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Chlorophenol                      | <0.0803 | U         | 0.447 | 0.0803 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Naphthylamine                     | <0.322  | U         | 0.447 | 0.322  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Picoline                          | <0.808  | U         | 0.895 | 0.808  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Toluidine                         | <0.332  | U         | 0.447 | 0.332  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 3,3'-Dichlorobenzidine              | <0.509  | U         | 0.895 | 0.509  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 3,3'-Dimethylbenzidine              | <0.231  | U         | 0.447 | 0.231  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 3-Methylcholanthrene                | <0.0690 | U         | 0.447 | 0.0690 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.498  | U         | 0.895 | 0.498  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.100  | U         | 0.447 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.14   | U         | 4.47  | 1.14   | ug/L |   | 11/13/25 11:44 | 11/19/25 08:39 | 1       |
| Aramite Peak 1                      | <0.144  | U         | 0.447 | 0.144  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Aramite Peak 2                      | <0.159  | U         | 0.447 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Aramite, Total                      | <0.144  | U *       | 0.447 | 0.144  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Diallate                            | <0.0234 | U *       | 0.447 | 0.0234 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Diallate Peak 1                     | <0.0585 | U         | 0.447 | 0.0585 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Diallate Peak 2                     | <0.0234 | U         | 0.447 | 0.0234 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Dimethoate                          | <0.390  | U **      | 2.24  | 0.390  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Dinoseb                             | <0.529  | U **      | 2.24  | 0.529  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Disulfoton                          | <1.69   | U **      | 2.24  | 1.69   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Ethyl methanesulfonate              | <0.145  | U         | 0.447 | 0.145  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Ethyl Parathion                     | <0.490  | U **      | 0.895 | 0.490  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Famphur                             | <0.203  | U         | 0.895 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Hexachloropropene                   | <0.447  | U         | 0.447 | 0.447  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-129-D

Lab Sample ID: 860-116043-3

Date Collected: 11/06/25 09:58

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Isosafrole                       | <0.0180 | U         | 0.447 | 0.0180 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Isosafrole Peak 1                | <0.0180 | U         | 0.447 | 0.0180 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Isosafrole Peak 2                | <0.0771 | U         | 0.447 | 0.0771 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Methapyrilene                    | <1.19   | U **      | 1.79  | 1.19   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Methyl methanesulfonate          | <0.146  | U         | 0.447 | 0.146  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Methyl parathion                 | <2.16   | U **      | 2.24  | 2.16   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosodiethylamine            | <0.527  | U         | 0.895 | 0.527  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosodimethylamine           | <0.125  | U         | 0.447 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosodi-n-butylamine         | <0.567  | U         | 0.895 | 0.567  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosomethylethylamine        | <0.549  | U         | 0.895 | 0.549  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosomorpholine              | <0.558  | U         | 0.895 | 0.558  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| N-Nitrosopyrrolidine             | <0.0850 | U         | 0.447 | 0.0850 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.104  | U         | 0.447 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| p-Dimethylamino azobenzene       | <0.121  | U         | 0.447 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Pentachloronitrobenzene          | <0.198  | U         | 0.447 | 0.198  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Phenacetin                       | <0.198  | U         | 0.447 | 0.198  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Phorate                          | <2.04   | U **      | 4.47  | 2.04   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| p-Phenylene diamine              | <4.47   | U         | 4.47  | 4.47   | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Pronamide                        | <0.105  | U         | 0.447 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Safrole, Total                   | <0.0721 | U *       | 0.447 | 0.0721 | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Sulfotepp                        | <0.369  | U **      | 0.895 | 0.369  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Thionazin                        | <0.266  | U         | 0.895 | 0.266  | ug/L |   | 11/13/25 11:44 | 11/15/25 21:58 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2,4,6-Tribromophenol (Surr) | 70        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 08:39 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Fluorobiphenyl            | 58        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 08:39 | 1       |
| 2-Fluorophenol (Surr)       | 50        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 08:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Nitrobenzene-d5 (Surr)      | 81        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 08:39 | 1       |
| Phenol-d5 (Surr)            | 30        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 08:39 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 21:58 | 1       |
| p-Terphenyl-d14             | 69        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 08:39 | 1       |

Client Sample ID: MW-31-S

Lab Sample ID: 860-116043-4

Date Collected: 11/06/25 10:56

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 16:18 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-S

Lab Sample ID: 860-116043-4

Date Collected: 11/06/25 10:56

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2,3-Trichloropropane           | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,2,4-Trimethylbenzene           | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 16:18 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 16:18 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 16:18 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 16:18 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 16:18 | 1       |
| alpha-Chlorotoluene              | <2.26  | U *+ *1   | 5.00 | 2.26  | ug/L |   |          | 11/12/25 22:16 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 16:18 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 16:18 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Ethyl methacrylate               | <1.12  | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Iodomethane                      | <5.00  | U *+      | 20.0 | 5.00  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/13/25 16:18 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/13/25 16:18 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/13/25 16:18 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-S

Lab Sample ID: 860-116043-4

Date Collected: 11/06/25 10:56

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 16:18 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/13/25 16:18 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 16:18 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 16:18 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 16:18 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 16:18 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 16:18 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 16:18 | 1       |
| Vinyl acetate               | <2.14     | U *1      | 20.0    | 2.14     | ug/L |   |          | 11/12/25 22:16 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 16:18 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 16:18 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 16:18 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 16:18 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 16:18 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          | 11/12/25 22:16 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 117       |           | 63 - 144 |          | 11/13/25 16:18 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 74 - 124 |          | 11/12/25 22:16 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/13/25 16:18 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/12/25 22:16 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 75 - 131 |          | 11/13/25 16:18 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/12/25 22:16 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/13/25 16:18 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.573 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.573 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.87  | 1.85   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.573 | 0.432  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.573 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.573 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.573 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.573 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.73  | 1.39   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,4-Dinitrotoluene           | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,6-Dinitrotoluene           | <0.274  | U         | 0.573 | 0.274  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.573 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.573 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.573 | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 3 & 4 Methylphenol           | <0.0947 | U         | 0.573 | 0.0947 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.15  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-S

Lab Sample ID: 860-116043-4

Date Collected: 11/06/25 10:56

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloroaniline             | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0957 | U         | 0.573 | 0.0957 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Acenaphthene                | <0.102  | U         | 0.573 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Aniline                     | <0.451  | U         | 1.15  | 0.451  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Anthracene                  | <0.104  | U         | 0.573 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U         | 0.573 | 0.0906 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.573 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Benzyl alcohol              | 0.246   | J         | 2.87  | 0.225  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.15  | 0.337  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Chrysene                    | <0.0968 | U         | 0.573 | 0.0968 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U         | 0.115 | 0.0853 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.15  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Di-n-butyl phthalate        | <0.662  | U         | 1.15  | 0.662  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.15  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Fluoranthene                | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Fluorene                    | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.573 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.573 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Isophorone                  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Naphthalene                 | <0.115  | U         | 0.573 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.573 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.573 | 0.148  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.573 | 0.313  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Phenanthrene                | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Phenol                      | <0.508  | U         | 1.15  | 0.508  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Pyrene                      | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Pyridine                    | <0.839  | U         | 2.87  | 0.839  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitro-o-toluidine         | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Acetophenone                | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosopiperidine         | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,1'-Biphenyl               | <0.114  | U         | 0.573 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-S

Lab Sample ID: 860-116043-4

Date Collected: 11/06/25 10:56

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,3,5-Trinitrobenzene               | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,3-Dinitrobenzene                  | <0.589  | U         | 1.15  | 0.589  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1,4-Naphthoquinone                  | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 1-Naphthylamine                     | <0.270  | U         | 0.573 | 0.270  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,6-Dichlorophenol                  | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Naphthylamine                     | <0.413  | U         | 0.573 | 0.413  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.15  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Toluidine                         | <0.426  | U         | 0.573 | 0.426  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U         | 0.573 | 0.296  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 3-Methylcholanthrene                | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.638  | U         | 1.15  | 0.638  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.573 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U         | 5.73  | 1.46   | ug/L |   | 11/13/25 11:44 | 11/19/25 09:07 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.573 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.573 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Aramite, Total                      | <0.184  | U *       | 0.573 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Diallate                            | <0.0300 | U *       | 0.573 | 0.0300 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Diallate Peak 1                     | <0.0750 | U         | 0.573 | 0.0750 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Diallate Peak 2                     | <0.0300 | U         | 0.573 | 0.0300 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Dimethoate                          | <0.500  | U **      | 2.87  | 0.500  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Dinoseb                             | <0.678  | U **      | 2.87  | 0.678  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Ethyl Parathion                     | <0.627  | U **      | 1.15  | 0.627  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Famphur                             | <0.259  | U         | 1.15  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Hexachloropropene                   | <0.573  | U         | 0.573 | 0.573  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Isosafrole Peak 2                   | <0.0988 | U         | 0.573 | 0.0988 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Methapyriline                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.87  | 2.77   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosodiethylamine               | <0.675  | U         | 1.15  | 0.675  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U         | 0.573 | 0.160  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosodi-n-butylamine            | <0.726  | U         | 1.15  | 0.726  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosomethylethylamine           | <0.703  | U         | 1.15  | 0.703  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosomorpholine                 | <0.715  | U         | 1.15  | 0.715  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.133  | U         | 0.573 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| p-Dimethylamino azobenzene          | <0.155  | U         | 0.573 | 0.155  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Phenacetin                          | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Phorate                             | <2.62   | U **      | 5.73  | 2.62   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| p-Phenylene diamine                 | <5.73   | U         | 5.73  | 5.73   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Pronamide                           | <0.135  | U         | 0.573 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-S

Lab Sample ID: 860-116043-4

Date Collected: 11/06/25 10:56

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0923 | U *-      | 0.573 | 0.0923 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Sulfotepp      | <0.472  | U **      | 1.15  | 0.472  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Thionazin      | <0.341  | U         | 1.15  | 0.341  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:28 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2,4,6-Tribromophenol (Surr) | 71        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 09:07 | 1       |
| 2-Fluorobiphenyl            | 67        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Fluorobiphenyl            | 58        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 09:07 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 09:07 | 1       |
| Nitrobenzene-d5 (Surr)      | 64        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Nitrobenzene-d5 (Surr)      | 79        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 09:07 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 09:07 | 1       |
| p-Terphenyl-d14             | 57        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 22:28 | 1       |
| p-Terphenyl-d14             | 54        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 09:07 | 1       |

Client Sample ID: MW-31-D

Lab Sample ID: 860-116043-5

Date Collected: 11/06/25 11:31

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U **      | 50.0 | 8.28  | ug/L |   |          | 11/13/25 19:53 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 19:53 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 19:53 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 19:53 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 19:53 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 19:53 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 19:53 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 19:53 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 19:53 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 19:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-D

Lab Sample ID: 860-116043-5

Date Collected: 11/06/25 11:31

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 19:53 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 19:53 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Methacrylonitrile           | <2.72     | U **      | 10.0    | 2.72     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Propionitrile               | <3.34     | U **      | 10.0    | 3.34     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Tetrahydrofuran             | <1.83     | U **      | 10.0    | 1.83     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 19:53 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 19:53 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 19:53 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 19:53 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 19:53 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 19:53 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 19:53 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 19:53 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/13/25 19:53 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 74 - 124 |          | 11/13/25 19:53 | 1       |
| Dibromofluoromethane (Surr)  | 123       |           | 75 - 131 |          | 11/13/25 19:53 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |          | 11/13/25 19:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-D

Lab Sample ID: 860-116043-5

Date Collected: 11/06/25 11:31

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                            | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene             | <0.123       | U         | 0.583 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,2-Dichlorobenzene                | <0.103       | U         | 0.583 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,3-Dichlorobenzene                | <0.110       | U         | 0.583 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,4-Dichlorobenzene                | <0.112       | U         | 0.583 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,2'-oxybis[1-chloropropane]       | <1.89        | U         | 2.92  | 1.89   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,4,5-Trichlorophenol              | <0.440       | U         | 0.583 | 0.440  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,4,6-Trichlorophenol              | <0.119       | U         | 0.583 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,4-Dichlorophenol                 | <0.129       | U         | 0.583 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,4-Dimethylphenol                 | <0.114       | U         | 0.583 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,4-Dioxane                        | <0.107       | U         | 0.583 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,4-Dinitrophenol                  | <1.41        | U         | 5.83  | 1.41   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,4-Dinitrotoluene                 | <0.524       | U         | 1.17  | 0.524  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,6-Dinitrotoluene                 | <0.279       | U         | 0.583 | 0.279  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Chloronaphthalene                | <0.121       | U         | 0.583 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Methylnaphthalene                | <0.111       | U         | 0.583 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Methylphenol                     | <0.111       | U         | 0.583 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Nitroaniline                     | <0.161       | U         | 0.583 | 0.161  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Nitrophenol                      | <0.140       | U         | 0.583 | 0.140  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 3 & 4 Methylphenol                 | <0.0963      | U         | 0.583 | 0.0963 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 3-Nitroaniline                     | <0.227       | U         | 1.17  | 0.227  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4,6-Dinitro-2-methylphenol         | <1.25        | U         | 2.92  | 1.25   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4-Bromophenyl phenyl ether         | <0.108       | U         | 0.583 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4-Chloro-3-methylphenol            | <0.122       | U         | 0.583 | 0.122  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4-Chloroaniline                    | <0.0899      | U         | 0.583 | 0.0899 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4-Chlorophenyl phenyl ether        | <0.0973      | U         | 0.583 | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4-Nitroaniline                     | <0.276       | U         | 1.17  | 0.276  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Acenaphthene                       | <0.103       | U         | 0.583 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Acenaphthylene                     | <0.128       | U         | 0.583 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Aniline                            | <0.459       | U         | 1.17  | 0.459  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Anthracene                         | <0.106       | U         | 0.583 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Benzo[a]anthracene                 | <0.129       | U         | 0.292 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Benzo[a]pyrene                     | <0.109       | U         | 0.292 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Benzo[b]fluoranthene               | <0.127       | U         | 0.583 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Benzo[g,h,i]perylene               | <0.0922      | U         | 0.583 | 0.0922 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Benzo[k]fluoranthene               | <0.126       | U         | 0.583 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| <b>Benzyl alcohol</b>              | <b>0.241</b> | <b>J</b>  | 2.92  | 0.229  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Bis(2-chloroethoxy)methane         | <0.110       | U         | 0.583 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Bis(2-chloroethyl)ether            | <0.109       | U         | 0.583 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| <b>Bis(2-ethylhexyl) phthalate</b> | <b>0.670</b> | <b>J</b>  | 1.17  | 0.583  | ug/L |   | 11/13/25 11:44 | 11/19/25 09:35 | 1       |
| Butyl benzyl phthalate             | <0.343       | U         | 1.17  | 0.343  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Chrysene                           | <0.0985      | U         | 0.583 | 0.0985 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Dibenz(a,h)anthracene              | <0.0868      | U         | 0.117 | 0.0868 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Dibenzofuran                       | <0.115       | U         | 0.583 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Diethyl phthalate                  | <0.191       | U         | 1.17  | 0.191  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Dimethyl phthalate                 | <0.136       | U         | 1.17  | 0.136  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Di-n-butyl phthalate               | <0.674       | U         | 1.17  | 0.674  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Di-n-octyl phthalate               | <0.291       | U         | 1.17  | 0.291  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Fluoranthene                       | <0.122       | U         | 0.583 | 0.122  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Fluorene                           | <0.115       | U         | 0.583 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |

Eurofins Houston



# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-D

Lab Sample ID: 860-116043-5

Date Collected: 11/06/25 11:31

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorobenzene                   | <0.135  | U         | 0.583 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Hexachlorobutadiene                 | <0.165  | U         | 0.583 | 0.165  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Hexachlorocyclopentadiene           | <0.183  | U         | 1.17  | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Hexachloroethane                    | <0.127  | U         | 0.583 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.105  | U         | 0.583 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Isophorone                          | <0.108  | U         | 0.583 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Naphthalene                         | <0.117  | U         | 0.583 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Nitrobenzene                        | <0.155  | U         | 0.583 | 0.155  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosodi-n-propylamine           | <0.150  | U         | 0.583 | 0.150  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosodiphenylamine              | <0.115  | U         | 0.583 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Pentachlorophenol                   | <0.318  | U         | 0.583 | 0.318  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Phenanthrene                        | <0.109  | U         | 0.583 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Phenol                              | <0.517  | U         | 1.17  | 0.517  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Pyrene                              | <0.132  | U         | 0.583 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Pyridine                            | <0.854  | U         | 2.92  | 0.854  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitro-o-toluidine                 | <0.665  | U         | 1.17  | 0.665  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.259  | U         | 0.583 | 0.259  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Acetophenone                        | <0.141  | U         | 1.17  | 0.141  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosopiperidine                 | <0.644  | U         | 1.17  | 0.644  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Pentachlorobenzene                  | <0.128  | U         | 0.583 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Diphenyl ether                      | <0.103  | U         | 0.583 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,1'-Biphenyl                       | <0.116  | U         | 0.583 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4-Aminobiphenyl                     | <0.199  | U         | 0.583 | 0.199  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.118  | U         | 0.583 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,3,5-Trinitrobenzene               | <0.666  | U         | 1.17  | 0.666  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,3-Dinitrobenzene                  | <0.599  | U         | 1.17  | 0.599  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1,4-Naphthoquinone                  | <0.0625 | U         | 0.583 | 0.0625 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 1-Naphthylamine                     | <0.275  | U         | 0.583 | 0.275  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,6-Dichlorophenol                  | <0.0993 | U         | 0.583 | 0.0993 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Acetylaminofluorene               | <1.74   | U         | 2.92  | 1.74   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Chlorophenol                      | <0.105  | U         | 0.583 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Naphthylamine                     | <0.420  | U         | 0.583 | 0.420  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Picoline                          | <1.05   | U         | 1.17  | 1.05   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Toluidine                         | <0.433  | U         | 0.583 | 0.433  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 3,3'-Dichlorobenzidine              | <0.663  | U         | 1.17  | 0.663  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 3,3'-Dimethylbenzidine              | <0.301  | U         | 0.583 | 0.301  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 3-Methylcholanthrene                | <0.0899 | U         | 0.583 | 0.0899 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.649  | U         | 1.17  | 0.649  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.130  | U         | 0.583 | 0.130  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.48   | U         | 5.83  | 1.48   | ug/L |   | 11/13/25 11:44 | 11/19/25 09:35 | 1       |
| Aramite Peak 1                      | <0.188  | U         | 0.583 | 0.188  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Aramite Peak 2                      | <0.207  | U         | 0.583 | 0.207  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Aramite, Total                      | <0.188  | U *       | 0.583 | 0.188  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Diallate                            | <0.0305 | U *       | 0.583 | 0.0305 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Diallate Peak 1                     | <0.0763 | U         | 0.583 | 0.0763 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Diallate Peak 2                     | <0.0305 | U         | 0.583 | 0.0305 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Dimethoate                          | <0.509  | U **      | 2.92  | 0.509  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Dinoseb                             | <0.690  | U **      | 2.92  | 0.690  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Disulfoton                          | <2.20   | U **      | 2.92  | 2.20   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-31-D

Lab Sample ID: 860-116043-5

Date Collected: 11/06/25 11:31

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Ethyl methanesulfonate            | <0.189  | U         | 0.583 | 0.189  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Ethyl Parathion                   | <0.638  | U **      | 1.17  | 0.638  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Famphur                           | <0.264  | U         | 1.17  | 0.264  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Hexachloropropene                 | <0.583  | U         | 0.583 | 0.583  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Isosafrole                        | <0.0235 | U         | 0.583 | 0.0235 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Isosafrole Peak 1                 | <0.0235 | U         | 0.583 | 0.0235 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Isosafrole Peak 2                 | <0.101  | U         | 0.583 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Methapyriline                     | <1.55   | U **      | 2.33  | 1.55   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Methyl methanesulfonate           | <0.190  | U         | 0.583 | 0.190  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Methyl parathion                  | <2.82   | U **      | 2.92  | 2.82   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosodiethylamine             | <0.687  | U         | 1.17  | 0.687  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosodimethylamine            | <0.162  | U         | 0.583 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosodi-n-butylamine          | <0.738  | U         | 1.17  | 0.738  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosomethylethylamine         | <0.715  | U         | 1.17  | 0.715  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosomorpholine               | <0.727  | U         | 1.17  | 0.727  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| N-Nitrosopyrrolidine              | <0.111  | U         | 0.583 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.135  | U         | 0.583 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| p-Dimethylamino azobenzene        | <0.157  | U         | 0.583 | 0.157  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Pentachloronitrobenzene           | <0.258  | U         | 0.583 | 0.258  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Phenacetin                        | <0.258  | U         | 0.583 | 0.258  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Phorate                           | <2.66   | U **      | 5.83  | 2.66   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| p-Phenylene diamine               | <5.83   | U         | 5.83  | 5.83   | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Pronamide                         | <0.137  | U         | 0.583 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Safrole, Total                    | <0.0939 | U *       | 0.583 | 0.0939 | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Sulfotepp                         | <0.481  | U **      | 1.17  | 0.481  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Thionazin                         | <0.347  | U         | 1.17  | 0.347  | ug/L |   | 11/13/25 11:44 | 11/15/25 22:57 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2,4,6-Tribromophenol (Surr) | 71        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 09:35 | 1       |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Fluorobiphenyl            | 61        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 09:35 | 1       |
| 2-Fluorophenol (Surr)       | 52        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 09:35 | 1       |
| Nitrobenzene-d5 (Surr)      | 65        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 09:35 | 1       |
| Phenol-d5 (Surr)            | 33        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| Phenol-d5 (Surr)            | 29        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 09:35 | 1       |
| p-Terphenyl-d14             | 70        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 22:57 | 1       |
| p-Terphenyl-d14             | 67        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 09:35 | 1       |

Client Sample ID: MW-27-D

Lab Sample ID: 860-116043-6

Date Collected: 11/06/25 13:35

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                   | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,1,1-Trichloroethane     | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,1,2,2-Tetrachloroethane | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 20:13 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-D

Lab Sample ID: 860-116043-6

Date Collected: 11/06/25 13:35

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U **      | 50.0 | 8.28  | ug/L |   |          | 11/13/25 20:13 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 20:13 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 20:13 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 20:13 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 20:13 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 20:13 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 20:13 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Ethyl methacrylate                    | <1.12  | U **      | 5.00 | 1.12  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 20:13 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Methacrylonitrile                     | <2.72  | U **      | 10.0 | 2.72  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Methyl methacrylate                   | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 20:13 | 1       |
| Methyl tert-butyl ether               | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 20:13 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-D

Lab Sample ID: 860-116043-6

Date Collected: 11/06/25 13:35

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 20:13 | 1       |
| Propionitrile               | <3.34     | U **      | 10.0    | 3.34     | ug/L |   |          | 11/13/25 20:13 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 20:13 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 20:13 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 20:13 | 1       |
| Tetrahydrofuran             | <1.83     | U **      | 10.0    | 1.83     | ug/L |   |          | 11/13/25 20:13 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 20:13 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 20:13 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 20:13 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 20:13 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 20:13 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 20:13 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 20:13 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 20:13 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 20:13 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 20:13 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 20:13 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 63 - 144 |          | 11/13/25 20:13 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 74 - 124 |          | 11/13/25 20:13 | 1       |
| Dibromofluoromethane (Surr)  | 126       |           | 75 - 131 |          | 11/13/25 20:13 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |          | 11/13/25 20:13 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.568 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.568 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.568 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.568 | 0.429  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.568 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.568 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.568 | 0.111  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.568 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.68  | 1.37   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,4-Dinitrotoluene           | <0.510  | U         | 1.14  | 0.510  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.568 | 0.271  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.568 | 0.157  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.568 | 0.136  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 3 & 4 Methylphenol           | <0.0939 | U         | 0.568 | 0.0939 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.14  | 0.221  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 4-Chloroaniline              | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-D

Lab Sample ID: 860-116043-6

Date Collected: 11/06/25 13:35

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chlorophenyl phenyl ether | <0.0948 | U         | 0.568 | 0.0948 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 4-Nitroaniline              | <0.269  | U         | 1.14  | 0.269  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Acenaphthene                | <0.101  | U         | 0.568 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Aniline                     | <0.447  | U         | 1.14  | 0.447  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Anthracene                  | <0.103  | U         | 0.568 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.284 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Benzo[g,h,i]perylene        | <0.0898 | U         | 0.568 | 0.0898 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.568 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Benzyl alcohol              | 0.238   | J         | 2.84  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.568  | U         | 1.14  | 0.568  | ug/L |   | 11/13/25 11:44 | 11/19/25 10:03 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.14  | 0.334  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Chrysene                    | <0.0960 | U         | 0.568 | 0.0960 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Dibenz(a,h)anthracene       | <0.0846 | U         | 0.114 | 0.0846 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.14  | 0.656  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Fluoranthene                | <0.119  | U         | 0.568 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Fluorene                    | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.568 | 0.161  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Isophorone                  | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Naphthalene                 | <0.114  | U         | 0.568 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.568 | 0.151  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.568 | 0.146  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.568 | 0.310  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Phenanthrene                | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Phenol                      | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Pyrene                      | <0.128  | U         | 0.568 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Pyridine                    | <0.832  | U         | 2.84  | 0.832  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitro-o-toluidine         | <0.648  | U         | 1.14  | 0.648  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.568 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosopiperidine         | <0.627  | U         | 1.14  | 0.627  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Diphenyl ether              | <0.100  | U         | 0.568 | 0.100  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.568 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 4-Aminobiphenyl             | <0.194  | U         | 0.568 | 0.194  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.568 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-D

Lab Sample ID: 860-116043-6

Date Collected: 11/06/25 13:35

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,3,5-Trinitrobenzene               | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,3-Dinitrobenzene                  | <0.584  | U         | 1.14  | 0.584  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U         | 0.568 | 0.0609 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 1-Naphthylamine                     | <0.268  | U         | 0.568 | 0.268  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,6-Dichlorophenol                  | <0.0967 | U         | 0.568 | 0.0967 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Naphthylamine                     | <0.409  | U         | 0.568 | 0.409  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.568 | 0.422  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 3,3'-Dichlorobenzidine              | <0.646  | U         | 1.14  | 0.646  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 3,3'-Dimethylbenzidine              | <0.293  | U         | 0.568 | 0.293  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 3-Methylcholanthrene                | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.633  | U         | 1.14  | 0.633  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.568 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U         | 5.68  | 1.44   | ug/L |   | 11/13/25 11:44 | 11/19/25 10:03 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.568 | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.568 | 0.202  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Aramite, Total                      | <0.183  | U *       | 0.568 | 0.183  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Diallate                            | <0.0297 | U *       | 0.568 | 0.0297 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Diallate Peak 1                     | <0.0743 | U         | 0.568 | 0.0743 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Diallate Peak 2                     | <0.0297 | U         | 0.568 | 0.0297 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Dimethoate                          | <0.496  | U **      | 2.84  | 0.496  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Dinoseb                             | <0.672  | U **      | 2.84  | 0.672  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.568 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Ethyl Parathion                     | <0.622  | U **      | 1.14  | 0.622  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Famphur                             | <0.257  | U         | 1.14  | 0.257  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Hexachloropropene                   | <0.568  | U         | 0.568 | 0.568  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Isosafrole                          | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Isosafrole Peak 1                   | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Isosafrole Peak 2                   | <0.0979 | U         | 0.568 | 0.0979 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Methapyrilene                       | <1.51   | U **      | 2.27  | 1.51   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.568 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Methyl parathion                    | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosodiethylamine               | <0.669  | U         | 1.14  | 0.669  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosodimethylamine              | <0.158  | U         | 0.568 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosodi-n-butylamine            | <0.719  | U         | 1.14  | 0.719  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosomethylethylamine           | <0.697  | U         | 1.14  | 0.697  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosomorpholine                 | <0.709  | U         | 1.14  | 0.709  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| p-Dimethylamino azobenzene          | <0.153  | U         | 0.568 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Pentachloronitrobenzene             | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Phenacetin                          | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Phorate                             | <2.59   | U **      | 5.68  | 2.59   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| p-Phenylene diamine                 | <5.68   | U         | 5.68  | 5.68   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Pronamide                           | <0.134  | U         | 0.568 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Safrole, Total                      | <0.0915 | U *       | 0.568 | 0.0915 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-D

Lab Sample ID: 860-116043-6

Date Collected: 11/06/25 13:35

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Sulfotepp | <0.468 | U **      | 1.14 | 0.468 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Thionazin | <0.338 | U         | 1.14 | 0.338 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:27 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 58        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 10:03 | 1       |
| 2-Fluorobiphenyl            | 70        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Fluorobiphenyl            | 60        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 10:03 | 1       |
| 2-Fluorophenol (Surr)       | 50        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 10:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 64        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 10:03 | 1       |
| Phenol-d5 (Surr)            | 34        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 10:03 | 1       |
| p-Terphenyl-d14             | 70        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 23:27 | 1       |
| p-Terphenyl-d14             | 64        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 10:03 | 1       |

Client Sample ID: MW-27-S

Lab Sample ID: 860-116043-7

Date Collected: 11/06/25 14:41

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier  | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U          | 1.00 | 0.644 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U          | 5.00 | 0.585 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U          | 1.00 | 0.470 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U          | 10.0 | 1.11  | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U          | 1.00 | 0.411 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U          | 1.00 | 0.635 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U          | 1.00 | 0.738 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U          | 1.00 | 0.470 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U          | 1.00 | 0.417 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U          | 5.00 | 0.671 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U          | 5.00 | 0.999 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U          | 1.00 | 0.372 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U          | 5.00 | 0.556 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U          | 1.00 | 0.411 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 1,3-Butadiene                         | <0.568 | U          | 1.00 | 0.568 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U          | 5.00 | 0.500 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U **       | 50.0 | 8.28  | ug/L |   |          | 11/13/25 18:10 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U          | 50.0 | 5.00  | ug/L |   |          | 11/13/25 18:10 | 1       |
| 2-Propanol                            | <5.23  | U          | 10.0 | 5.23  | ug/L |   |          | 11/13/25 18:10 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U          | 5.00 | 0.597 | ug/L |   |          | 11/13/25 18:10 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U          | 50.0 | 5.00  | ug/L |   |          | 11/13/25 18:10 | 1       |
| Acetone                               | <3.07  | U          | 100  | 3.07  | ug/L |   |          | 11/13/25 18:10 | 1       |
| Acetonitrile                          | <14.6  | U          | 100  | 14.6  | ug/L |   |          | 11/13/25 18:10 | 1       |
| Acrolein                              | <11.1  | U          | 50.0 | 11.1  | ug/L |   |          | 11/13/25 18:10 | 1       |
| Acrylonitrile                         | <14.3  | U          | 50.0 | 14.3  | ug/L |   |          | 11/13/25 18:10 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U F1 ** *1 | 5.00 | 2.26  | ug/L |   |          | 11/12/25 20:54 | 1       |
| Benzene                               | <0.460 | U          | 1.00 | 0.460 | ug/L |   |          | 11/13/25 18:10 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-S

Lab Sample ID: 860-116043-7

Date Collected: 11/06/25 14:41

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/13/25 18:10 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/13/25 18:10 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Methacrylonitrile           | <2.72     | U **      | 10.0    | 2.72     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Propionitrile               | <3.34     | U **      | 10.0    | 3.34     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Tetrahydrofuran             | <1.83     | U **      | 10.0    | 1.83     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 18:10 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 18:10 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 18:10 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 18:10 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Vinyl acetate               | <2.14     | U *1      | 20.0    | 2.14     | ug/L |   |          | 11/12/25 20:54 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 18:10 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 18:10 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 18:10 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 18:10 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 90        |           | 63 - 144 |          | 11/12/25 20:54 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 63 - 144 |          | 11/13/25 18:10 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 74 - 124 |          | 11/12/25 20:54 | 1       |
| 4-Bromofluorobenzene (Surr)  | 106       |           | 74 - 124 |          | 11/13/25 18:10 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 75 - 131 |          | 11/12/25 20:54 | 1       |
| Dibromofluoromethane (Surr)  | 121       |           | 75 - 131 |          | 11/13/25 18:10 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-S

Lab Sample ID: 860-116043-7

Date Collected: 11/06/25 14:41

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Surrogate         | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 102       |           | 80 - 120 |          | 11/12/25 20:54 | 1       |
| Toluene-d8 (Surr) | 103       |           | 80 - 120 |          | 11/13/25 18:10 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Aniline                      | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Benzo[g,h,i]perylene         | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Benzyl alcohol               | 0.358   | J         | 2.86  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Bis(2-chloroethyl)ether      | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Bis(2-ethylhexyl) phthalate  | 0.695   | J         | 1.14  | 0.571  | ug/L |   | 11/13/25 11:44 | 11/19/25 10:31 | 1       |
| Butyl benzyl phthalate       | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Chrysene                     | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Dibenz(a,h)anthracene        | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Dibenzofuran                 | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Diethyl phthalate            | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-S

Lab Sample ID: 860-116043-7

Date Collected: 11/06/25 14:41

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Dimethyl phthalate                  | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Di-n-butyl phthalate                | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Di-n-octyl phthalate                | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Fluoranthene                        | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Fluorene                            | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Hexachlorobenzene                   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Hexachlorobutadiene                 | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Hexachlorocyclopentadiene           | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Hexachloroethane                    | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Isophorone                          | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Naphthalene                         | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Nitrobenzene                        | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosodiphenylamine              | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Pentachlorophenol                   | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Phenanthrene                        | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Phenol                              | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Pyrene                              | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Pyridine                            | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitro-o-toluidine                 | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Acetophenone                        | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosopiperidine                 | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Diphenyl ether                      | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,3-Dinitrobenzene                  | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1,4-Naphthoquinone                  | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 1-Naphthylamine                     | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,6-Dichlorophenol                  | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Naphthylamine                     | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Toluidine                         | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 3-Methylcholanthrene                | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U         | 5.71  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/19/25 10:31 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Aramite, Total                      | <0.184  | U *       | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Diallate                            | <0.0299 | U *       | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-27-S

Lab Sample ID: 860-116043-7

Date Collected: 11/06/25 14:41

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate Peak 1                  | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Diallate Peak 2                  | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Dimethoate                       | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Dinoseb                          | <0.676  | U **      | 2.86  | 0.676  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Disulfoton                       | <2.15   | U **      | 2.86  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Ethyl methanesulfonate           | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Ethyl Parathion                  | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Famphur                          | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Hexachloropropene                | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Isosafrole                       | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Isosafrole Peak 1                | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Isosafrole Peak 2                | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Methapyrilene                    | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Methyl methanesulfonate          | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Methyl parathion                 | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosodiethylamine            | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosomethylethylamine        | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosomorpholine              | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Pentachloronitrobenzene          | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Phenacetin                       | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Phorate                          | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| p-Phenylene diamine              | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Pronamide                        | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Safrole, Total                   | <0.0920 | U *       | 0.571 | 0.0920 | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Sulfotepp                        | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Thionazin                        | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/13/25 11:44 | 11/15/25 23:56 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 55        |           | 26 - 136 | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 10:31 | 1       |
| 2-Fluorobiphenyl            | 66        |           | 39 - 130 | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 10:31 | 1       |
| 2-Fluorophenol (Surr)       | 55        |           | 19 - 120 | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 10:31 | 1       |
| Nitrobenzene-d5 (Surr)      | 64        |           | 32 - 133 | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Nitrobenzene-d5 (Surr)      | 77        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 10:31 | 1       |
| Phenol-d5 (Surr)            | 37        |           | 8 - 124  | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| Phenol-d5 (Surr)            | 31        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 10:31 | 1       |
| p-Terphenyl-d14             | 70        |           | 28 - 130 | 11/13/25 11:44 | 11/15/25 23:56 | 1       |
| p-Terphenyl-d14             | 65        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 10:31 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-S

Lab Sample ID: 860-116043-8

Date Collected: 11/07/25 08:09

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result       | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|-------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <322         | U         | 500   | 322  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,1,1-Trichloroethane                 | <293         | U         | 2500  | 293  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,1,2,2-Tetrachloroethane             | <235         | U         | 500   | 235  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <555         | U         | 5000  | 555  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,1,2-Trichloroethane                 | <206         | U         | 500   | 206  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,1-Dichloroethane                    | <318         | U         | 500   | 318  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,1-Dichloroethene                    | <369         | U         | 500   | 369  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,2,3-Trichloropropane                | <235         | U         | 500   | 235  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,2,4-Trimethylbenzene                | <209         | U         | 500   | 209  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,2-Dibromo-3-Chloropropane           | <336         | U         | 2500  | 336  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,2-Dibromoethane                     | <500         | U         | 2500  | 500  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,2-Dichloroethane                    | <186         | U         | 500   | 186  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,2-Dichloropropane                   | <278         | U         | 2500  | 278  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,3,5-Trimethylbenzene                | <206         | U         | 500   | 206  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 1,3-Butadiene                         | <284         | U         | 500   | 284  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 2,2,4-Trimethylpentane                | <250         | U         | 2500  | 250  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 2-Butanone (MEK)                      | <4140        | U **      | 25000 | 4140 | ug/L |   |          | 11/13/25 20:54 | 500     |
| 2-Hexanone (MBK)                      | <2500        | U         | 25000 | 2500 | ug/L |   |          | 11/13/25 20:54 | 500     |
| 2-Propanol                            | <2610        | U         | 5000  | 2610 | ug/L |   |          | 11/13/25 20:54 | 500     |
| 3-Chloropropene (Allyl Chloride)      | <299         | U         | 2500  | 299  | ug/L |   |          | 11/13/25 20:54 | 500     |
| 4-Methyl-2-pentanone                  | <2500        | U         | 25000 | 2500 | ug/L |   |          | 11/13/25 20:54 | 500     |
| Acetone                               | <1530        | U         | 50000 | 1530 | ug/L |   |          | 11/13/25 20:54 | 500     |
| Acetonitrile                          | <7300        | U         | 50000 | 7300 | ug/L |   |          | 11/13/25 20:54 | 500     |
| Acrolein                              | <5560        | U         | 25000 | 5560 | ug/L |   |          | 11/13/25 20:54 | 500     |
| Acrylonitrile                         | <7160        | U         | 25000 | 7160 | ug/L |   |          | 11/13/25 20:54 | 500     |
| alpha-Chlorotoluene                   | <1130        | U         | 2500  | 1130 | ug/L |   |          | 11/13/25 20:54 | 500     |
| <b>Benzene</b>                        | <b>769</b>   |           | 500   | 230  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Bromodichloromethane                  | <276         | U         | 500   | 276  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Bromoform                             | <317         | U         | 2500  | 317  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Bromomethane                          | <710         | U         | 2500  | 710  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Carbon disulfide                      | <825         | U         | 2500  | 825  | ug/L |   |          | 11/13/25 20:54 | 500     |
| <b>Chlorobenzene</b>                  | <b>337 J</b> |           | 500   | 228  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Chlorodibromomethane                  | <274         | U         | 2500  | 274  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Chloroethane                          | <992         | U         | 5000  | 992  | ug/L |   |          | 11/13/25 20:54 | 500     |
| <b>Chloroform</b>                     | <b>6420</b>  |           | 500   | 232  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Chloromethane                         | <1020        | U         | 5000  | 1020 | ug/L |   |          | 11/13/25 20:54 | 500     |
| Chloroprene                           | <299         | U         | 2500  | 299  | ug/L |   |          | 11/13/25 20:54 | 500     |
| cis-1,2-Dichloroethene                | <229         | U         | 500   | 229  | ug/L |   |          | 11/13/25 20:54 | 500     |
| cis-1,3-Dichloropropene               | <534         | U         | 2500  | 534  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Cumene (isopropylbenzene)             | <296         | U         | 500   | 296  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Cyclohexane                           | <643         | U         | 2500  | 643  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Dibromomethane                        | <179         | U         | 500   | 179  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Dichlorodifluoromethane               | <393         | U         | 500   | 393  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Ethyl methacrylate                    | <559         | U **      | 2500  | 559  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Ethylbenzene                          | <193         | U         | 500   | 193  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Hexane                                | <259         | U         | 2500  | 259  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Iodomethane                           | <2500        | U         | 10000 | 2500 | ug/L |   |          | 11/13/25 20:54 | 500     |
| Isobutanol                            | <8550        | U         | 25000 | 8550 | ug/L |   |          | 11/13/25 20:54 | 500     |
| Methacrylonitrile                     | <1360        | U **      | 5000  | 1360 | ug/L |   |          | 11/13/25 20:54 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-S

Lab Sample ID: 860-116043-8

Date Collected: 11/07/25 08:09

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Methyl methacrylate         | <1130  | U         | 5000  | 1130  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Methyl tert-butyl ether     | <696   | U         | 2500  | 696   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Methylene Chloride          | <863   | U         | 2500  | 863   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Propionitrile               | <1670  | U *+      | 5000  | 1670  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Propylbenzene               | <215   | U         | 500   | 215   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Styrene                     | <310   | U         | 500   | 310   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Tetrachloroethene           | <328   | U         | 500   | 328   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Tetrahydrofuran             | <917   | U *+      | 5000  | 917   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Toluene                     | <238   | U         | 500   | 238   | ug/L |   |          | 11/13/25 20:54 | 500     |
| trans-1,2-Dichloroethene    | <184   | U         | 500   | 184   | ug/L |   |          | 11/13/25 20:54 | 500     |
| trans-1,3-Dichloropropene   | <634   | U         | 2500  | 634   | ug/L |   |          | 11/13/25 20:54 | 500     |
| trans-1,4-Dichloro-2-butene | <675   | U         | 5000  | 675   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Trichloroethene             | <750   | U         | 2500  | 750   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Trichlorofluoromethane      | <280   | U         | 500   | 280   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Vinyl acetate               | <1070  | U         | 10000 | 1070  | ug/L |   |          | 11/13/25 20:54 | 500     |
| Vinyl chloride              | <214   | U         | 1000  | 214   | ug/L |   |          | 11/13/25 20:54 | 500     |
| Xylenes, Total              | <620   | U         | 1000  | 620   | ug/L |   |          | 11/13/25 20:54 | 500     |
| m,p-Xylenes                 | <0.620 | U         | 1.00  | 0.620 | mg/L |   |          | 11/13/25 20:54 | 500     |
| o-Xylene                    | <0.251 | U         | 0.500 | 0.251 | mg/L |   |          | 11/13/25 20:54 | 500     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 63 - 144 |          | 11/13/25 20:54 | 500     |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 74 - 124 |          | 11/13/25 20:54 | 500     |
| Dibromofluoromethane (Surr)  | 124       |           | 75 - 131 |          | 11/13/25 20:54 | 500     |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/13/25 20:54 | 500     |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

| Analyte              | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Carbon tetrachloride | 103000 |           | 4000 | 1790 | ug/L |   |          | 11/14/25 15:59 | 2000    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 63 - 144 |          | 11/14/25 15:59 | 2000    |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 74 - 124 |          | 11/14/25 15:59 | 2000    |
| Dibromofluoromethane (Surr)  | 130       |           | 75 - 131 |          | 11/14/25 15:59 | 2000    |
| Toluene-d8 (Surr)            | 107       |           | 80 - 120 |          | 11/14/25 15:59 | 2000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.573 | 0.121 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,2-Dichlorobenzene          | 2.77   |           | 0.573 | 0.101 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,3-Dichlorobenzene          | 0.247  | J         | 0.573 | 0.108 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,4-Dichlorobenzene          | 4.00   |           | 0.573 | 0.110 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.87  | 1.85  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,4,5-Trichlorophenol        | <0.432 | U         | 0.573 | 0.432 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.573 | 0.117 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.573 | 0.126 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.573 | 0.112 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,4-Dioxane                  | 1.74   |           | 0.573 | 0.105 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,4-Dinitrophenol            | <1.39  | U         | 5.73  | 1.39  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,4-Dinitrotoluene           | <0.515 | U         | 1.15  | 0.515 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-S

Lab Sample ID: 860-116043-8

Date Collected: 11/07/25 08:09

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                       | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,6-Dinitrotoluene            | <0.274       | U         | 0.573 | 0.274  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Chloronaphthalene           | <0.119       | U         | 0.573 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Methylnaphthalene           | <0.109       | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Methylphenol                | <0.109       | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Nitroaniline                | <0.159       | U         | 0.573 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Nitrophenol                 | <0.138       | U         | 0.573 | 0.138  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| <b>3 &amp; 4 Methylphenol</b> | <b>0.311</b> | <b>J</b>  | 0.573 | 0.0947 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 3-Nitroaniline                | <0.223       | U         | 1.15  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4,6-Dinitro-2-methylphenol    | <1.23        | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4-Bromophenyl phenyl ether    | <0.106       | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4-Chloro-3-methylphenol       | <0.120       | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4-Chloroaniline               | <0.0884      | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4-Chlorophenyl phenyl ether   | <0.0957      | U         | 0.573 | 0.0957 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4-Nitroaniline                | <0.272       | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Acenaphthene                  | <0.102       | U         | 0.573 | 0.102  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Acenaphthylene                | <0.125       | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Aniline                       | <0.451       | U         | 1.15  | 0.451  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Anthracene                    | <0.104       | U         | 0.573 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Benzo[a]anthracene            | <0.127       | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Benzo[a]pyrene                | <0.108       | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Benzo[b]fluoranthene          | <0.125       | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Benzo[g,h,i]perylene          | <0.0906      | U         | 0.573 | 0.0906 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Benzo[k]fluoranthene          | <0.124       | U         | 0.573 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| <b>Benzyl alcohol</b>         | <b>3.11</b>  | <b>I</b>  | 2.87  | 0.225  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Bis(2-chloroethoxy)methane    | <0.108       | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Bis(2-chloroethyl)ether       | <0.107       | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Bis(2-ethylhexyl) phthalate   | <0.573       | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Butyl benzyl phthalate        | <0.337       | U         | 1.15  | 0.337  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Chrysene                      | <0.0968      | U         | 0.573 | 0.0968 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Dibenz(a,h)anthracene         | <0.0853      | U         | 0.115 | 0.0853 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| <b>Dibenzofuran</b>           | <b>2.47</b>  |           | 0.573 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Diethyl phthalate             | <0.187       | U         | 1.15  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Dimethyl phthalate            | <0.134       | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Di-n-butyl phthalate          | <0.662       | U         | 1.15  | 0.662  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Di-n-octyl phthalate          | <0.286       | U         | 1.15  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Fluoranthene                  | <0.120       | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Fluorene                      | <0.113       | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Hexachlorobenzene             | <0.132       | U         | 0.573 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Hexachlorobutadiene           | <0.162       | U         | 0.573 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Hexachlorocyclopentadiene     | <0.180       | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| <b>Hexachloroethane</b>       | <b>2.98</b>  |           | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Indeno[1,2,3-cd]pyrene        | <0.103       | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Isophorone                    | <0.106       | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| <b>Naphthalene</b>            | <b>18.9</b>  |           | 0.573 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Nitrobenzene                  | <0.153       | U         | 0.573 | 0.153  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosodi-n-propylamine     | <0.148       | U         | 0.573 | 0.148  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosodiphenylamine        | <0.113       | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| <b>Pentachlorophenol</b>      | <b>0.449</b> | <b>J</b>  | 0.573 | 0.313  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Phenanthrene                  | <0.107       | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-S

Lab Sample ID: 860-116043-8

Date Collected: 11/07/25 08:09

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Phenol                              | 22.6    |           | 1.15  | 0.508  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Pyrene                              | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Pyridine                            | <0.839  | U         | 2.87  | 0.839  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitro-o-toluidine                 | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Acetophenone                        | 2.94    |           | 1.15  | 0.139  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosopiperidine                 | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,3,5-Trinitrobenzene               | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,3-Dinitrobenzene                  | <0.589  | U         | 1.15  | 0.589  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1,4-Naphthoquinone                  | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 1-Naphthylamine                     | <0.270  | U         | 0.573 | 0.270  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,6-Dichlorophenol                  | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Chlorophenol                      | 0.212   | J         | 0.573 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Naphthylamine                     | 1.03    | I         | 0.573 | 0.413  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.15  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Toluidine                         | <0.426  | U         | 0.573 | 0.426  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U         | 0.573 | 0.296  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 3-Methylcholanthrene                | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.638  | U         | 1.15  | 0.638  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.573 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U         | 5.73  | 1.46   | ug/L |   | 11/13/25 11:44 | 11/19/25 11:00 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.573 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.573 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Aramite, Total                      | <0.184  | U *       | 0.573 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Diallate                            | <0.0300 | U *       | 0.573 | 0.0300 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Diallate Peak 1                     | <0.0750 | U         | 0.573 | 0.0750 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Diallate Peak 2                     | <0.0300 | U         | 0.573 | 0.0300 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Dimethoate                          | <0.500  | U **      | 2.87  | 0.500  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Dinoseb                             | <0.678  | U **      | 2.87  | 0.678  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Ethyl Parathion                     | <0.627  | U **      | 1.15  | 0.627  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Famphur                             | <0.259  | U         | 1.15  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Hexachloropropene                   | <0.573  | U         | 0.573 | 0.573  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Isosafrole Peak 2                   | <0.0988 | U         | 0.573 | 0.0988 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.87  | 2.77   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosodiethylamine               | <0.675  | U         | 1.15  | 0.675  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U         | 0.573 | 0.160  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosodi-n-butylamine            | <0.726  | U         | 1.15  | 0.726  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosomethylethylamine           | <0.703  | U         | 1.15  | 0.703  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-S

Lab Sample ID: 860-116043-8

Date Collected: 11/07/25 08:09

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                                 | Result      | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomorpholine                     | <0.715      | U         | 1.15  | 0.715  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| N-Nitrosopyrrolidine                    | <0.109      | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| <b>o,o',o"-Triethylphosphorothioate</b> | <b>2.41</b> |           | 0.573 | 0.133  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| p-Dimethylamino azobenzene              | <0.155      | U         | 0.573 | 0.155  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Pentachloronitrobenzene                 | <0.253      | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Phenacetin                              | <0.253      | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Phorate                                 | <2.62       | U *       | 5.73  | 2.62   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| p-Phenylene diamine                     | <5.73       | U         | 5.73  | 5.73   | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Pronamide                               | <0.135      | U         | 0.573 | 0.135  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Safrole, Total                          | <0.0923     | U *       | 0.573 | 0.0923 | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Sulfotepp                               | <0.472      | U **      | 1.15  | 0.472  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Thionazin                               | <0.341      | U         | 1.15  | 0.341  | ug/L |   | 11/13/25 11:44 | 11/16/25 00:25 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 26 - 136 | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2,4,6-Tribromophenol (Surr) | 85        |           | 26 - 136 | 11/13/25 11:44 | 11/19/25 11:00 | 1       |
| 2-Fluorobiphenyl            | 70        |           | 39 - 130 | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 | 11/13/25 11:44 | 11/19/25 11:00 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 11/13/25 11:44 | 11/19/25 11:00 | 1       |
| Nitrobenzene-d5 (Surr)      | 69        |           | 32 - 133 | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 | 11/13/25 11:44 | 11/19/25 11:00 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/13/25 11:44 | 11/19/25 11:00 | 1       |
| p-Terphenyl-d14             | 76        |           | 28 - 130 | 11/13/25 11:44 | 11/16/25 00:25 | 1       |
| p-Terphenyl-d14             | 71        |           | 28 - 130 | 11/13/25 11:44 | 11/19/25 11:00 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte               | Result      | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-------------|-----------|-----|------|------|---|----------------|----------------|---------|
| <b>Diphenyl ether</b> | <b>7020</b> |           | 287 | 50.7 | ug/L |   | 11/13/25 11:44 | 11/21/25 14:22 | 500     |
| <b>1,1'-Biphenyl</b>  | <b>1860</b> |           | 287 | 56.8 | ug/L |   | 11/13/25 11:44 | 11/21/25 14:22 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 11:44 | 11/21/25 14:22 | 500     |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 11:44 | 11/21/25 14:22 | 500     |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/13/25 11:44 | 11/21/25 14:22 | 500     |
| Nitrobenzene-d5 (Surr)      | 0         | S1-       | 32 - 133 | 11/13/25 11:44 | 11/21/25 14:22 | 500     |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 11:44 | 11/21/25 14:22 | 500     |
| p-Terphenyl-d14             | 0         | S1-       | 28 - 130 | 11/13/25 11:44 | 11/21/25 14:22 | 500     |

Client Sample ID: MW-26-D

Lab Sample ID: 860-116043-9

Date Collected: 11/07/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <644   | U         | 1000  | 644  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,1,1-Trichloroethane                 | <585   | U         | 5000  | 585  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,1,2,2-Tetrachloroethane             | <470   | U         | 1000  | 470  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1110  | U         | 10000 | 1110 | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,1,2-Trichloroethane                 | <411   | U         | 1000  | 411  | ug/L |   |          | 11/13/25 21:56 | 1000    |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-D

Lab Sample ID: 860-116043-9

Date Collected: 11/07/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result        | Qualifier | RL     | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|---------------|-----------|--------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane               | <635          | U         | 1000   | 635   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,1-Dichloroethene               | <738          | U         | 1000   | 738   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,2,3-Trichloropropane           | <470          | U         | 1000   | 470   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,2,4-Trimethylbenzene           | <417          | U         | 1000   | 417   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,2-Dibromo-3-Chloropropane      | <671          | U         | 5000   | 671   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,2-Dibromoethane                | <999          | U         | 5000   | 999   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,2-Dichloroethane               | <372          | U         | 1000   | 372   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,2-Dichloropropane              | <556          | U         | 5000   | 556   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,3,5-Trimethylbenzene           | <411          | U         | 1000   | 411   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 1,3-Butadiene                    | <568          | U         | 1000   | 568   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 2,2,4-Trimethylpentane           | <500          | U         | 5000   | 500   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 2-Butanone (MEK)                 | <8280         | U *+      | 50000  | 8280  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 2-Hexanone (MBK)                 | <5000         | U         | 50000  | 5000  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 2-Propanol                       | <5230         | U         | 10000  | 5230  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 3-Chloropropene (Allyl Chloride) | <597          | U         | 5000   | 597   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| 4-Methyl-2-pentanone             | <5000         | U         | 50000  | 5000  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Acetone                          | <3070         | U         | 100000 | 3070  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Acetonitrile                     | <14600        | U         | 100000 | 14600 | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Acrolein                         | <11100        | U         | 50000  | 11100 | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Acrylonitrile                    | <14300        | U         | 50000  | 14300 | ug/L |   |          | 11/13/25 21:56 | 1000    |
| alpha-Chlorotoluene              | <2260         | U         | 5000   | 2260  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| <b>Benzene</b>                   | <b>886</b>    | <b>J</b>  | 1000   | 460   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Bromodichloromethane             | <552          | U         | 1000   | 552   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Bromoform                        | <633          | U         | 5000   | 633   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Bromomethane                     | <1420         | U         | 5000   | 1420  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Carbon disulfide                 | <1650         | U         | 5000   | 1650  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| <b>Carbon tetrachloride</b>      | <b>114000</b> |           | 2000   | 896   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Chlorobenzene                    | <455          | U         | 1000   | 455   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Chlorodibromomethane             | <547          | U         | 5000   | 547   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Chloroethane                     | <1980         | U         | 10000  | 1980  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| <b>Chloroform</b>                | <b>7210</b>   |           | 1000   | 464   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Chloromethane                    | <2040         | U         | 10000  | 2040  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Chloroprene                      | <598          | U         | 5000   | 598   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| cis-1,2-Dichloroethene           | <457          | U         | 1000   | 457   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| cis-1,3-Dichloropropene          | <1070         | U         | 5000   | 1070  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Cumene (isopropylbenzene)        | <592          | U         | 1000   | 592   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Cyclohexane                      | <1290         | U         | 5000   | 1290  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Dibromomethane                   | <357          | U         | 1000   | 357   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Dichlorodifluoromethane          | <785          | U         | 1000   | 785   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Ethyl methacrylate               | <1120         | U *+      | 5000   | 1120  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Ethylbenzene                     | <385          | U         | 1000   | 385   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Hexane                           | <517          | U         | 5000   | 517   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Iodomethane                      | <5000         | U         | 20000  | 5000  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Isobutanol                       | <17100        | U         | 50000  | 17100 | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Methacrylonitrile                | <2720         | U *+      | 10000  | 2720  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Methyl methacrylate              | <2250         | U         | 10000  | 2250  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Methyl tert-butyl ether          | <1390         | U         | 5000   | 1390  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Methylene Chloride               | <1730         | U         | 5000   | 1730  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Propionitrile                    | <3340         | U *+      | 10000  | 3340  | ug/L |   |          | 11/13/25 21:56 | 1000    |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-D

Lab Sample ID: 860-116043-9

Date Collected: 11/07/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Propylbenzene               | <429   | U         | 1000  | 429   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Styrene                     | <619   | U         | 1000  | 619   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Tetrachloroethene           | <655   | U         | 1000  | 655   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Tetrahydrofuran             | <1830  | U **      | 10000 | 1830  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Toluene                     | <475   | U         | 1000  | 475   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| trans-1,2-Dichloroethene    | <368   | U         | 1000  | 368   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| trans-1,3-Dichloropropene   | <1270  | U         | 5000  | 1270  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| trans-1,4-Dichloro-2-butene | <1350  | U         | 10000 | 1350  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Trichloroethene             | <1500  | U         | 5000  | 1500  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Trichlorofluoromethane      | <560   | U         | 1000  | 560   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Vinyl acetate               | <2140  | U         | 20000 | 2140  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Vinyl chloride              | <428   | U         | 2000  | 428   | ug/L |   |          | 11/13/25 21:56 | 1000    |
| Xylenes, Total              | <1240  | U         | 2000  | 1240  | ug/L |   |          | 11/13/25 21:56 | 1000    |
| m,p-Xylenes                 | <1.24  | U         | 2.00  | 1.24  | mg/L |   |          | 11/13/25 21:56 | 1000    |
| o-Xylene                    | <0.502 | U         | 1.00  | 0.502 | mg/L |   |          | 11/13/25 21:56 | 1000    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 63 - 144 |          | 11/13/25 21:56 | 1000    |
| 4-Bromofluorobenzene (Surr)  | 107       |           | 74 - 124 |          | 11/13/25 21:56 | 1000    |
| Dibromofluoromethane (Surr)  | 125       |           | 75 - 131 |          | 11/13/25 21:56 | 1000    |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |          | 11/13/25 21:56 | 1000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.572 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,2-Dichlorobenzene          | 3.47    |           | 0.572 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,3-Dichlorobenzene          | 0.312   | J         | 0.572 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,4-Dichlorobenzene          | 5.04    |           | 0.572 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.572 | 0.432  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.572 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.572 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,4-Dioxane                  | 2.20    |           | 0.572 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.72  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,4-Dinitrotoluene           | <0.514  | U         | 1.14  | 0.514  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.572 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.572 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Nitroaniline               | 1.28    | I         | 0.572 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Nitrophenol                | 0.163   | J         | 0.572 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 3 & 4 Methylphenol           | 0.442   | J         | 0.572 | 0.0945 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.572 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4-Chloroaniline              | <0.0882 | U         | 0.572 | 0.0882 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0955 | U         | 0.572 | 0.0955 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-D

Lab Sample ID: 860-116043-9

Date Collected: 11/07/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acenaphthene                | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Aniline                     | <0.451  | U         | 1.14  | 0.451  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Anthracene                  | <0.104  | U         | 0.572 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.572 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0904 | U         | 0.572 | 0.0904 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.572 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Benzyl alcohol              | <0.225  | U * 1     | 2.86  | 0.225  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Bis(2-chloroethyl)ether     | 0.227   | J I       | 0.572 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Bis(2-ethylhexyl) phthalate | 0.590   | J         | 1.14  | 0.572  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.14  | 0.337  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Chrysene                    | <0.0967 | U         | 0.572 | 0.0967 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0852 | U         | 0.114 | 0.0852 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Dibenzofuran                | 5.37    |           | 0.572 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Di-n-butyl phthalate        | <0.661  | U         | 1.14  | 0.661  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Fluoranthene                | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Fluorene                    | 0.119   | J         | 0.572 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.572 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Hexachloroethane            | 5.57    |           | 0.572 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Isophorone                  | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.572 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.572 | 0.148  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Pentachlorophenol           | 0.370   | J         | 0.572 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Phenanthrene                | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Phenol                      | 13.4    |           | 1.14  | 0.507  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Pyrene                      | <0.129  | U         | 0.572 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Pyridine                    | <0.838  | U * 1     | 2.86  | 0.838  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitro-o-toluidine         | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.572 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Acetophenone                | <0.139  | U         | 1.14  | 0.139  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosopiperidine         | <0.632  | U         | 1.14  | 0.632  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.572 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.572 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,3,5-Trinitrobenzene       | <0.654  | U         | 1.14  | 0.654  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,3-Dinitrobenzene          | <0.588  | U         | 1.14  | 0.588  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1,4-Naphthoquinone          | <0.0613 | U         | 0.572 | 0.0613 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 1-Naphthylamine             | <0.270  | U         | 0.572 | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2,6-Dichlorophenol          | <0.0974 | U         | 0.572 | 0.0974 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-D

Lab Sample ID: 860-116043-9

Date Collected: 11/07/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result    | Qualifier | RL       | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|--------|------|---|----------------|----------------|---------|
| 2-Acetylaminofluorene               | <1.71     | U         | 2.86     | 1.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Chlorophenol                      | 0.149     | J         | 0.572    | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Naphthylamine                     | 1.51      | I         | 0.572    | 0.412  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Picoline                          | <1.03     | U *- *1   | 1.14     | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Toluidine                         | <0.425    | U         | 0.572    | 0.425  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 3,3'-Dichlorobenzidine              | <0.651    | U         | 1.14     | 0.651  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U *- *1   | 0.572    | 0.295  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 3-Methylcholanthrene                | <0.0883   | U         | 0.572    | 0.0883 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.637    | U         | 1.14     | 0.637  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U         | 0.572    | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U *-      | 5.72     | 1.45   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Aramite Peak 1                      | <0.184    | U         | 0.572    | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Aramite Peak 2                      | <0.203    | U         | 0.572    | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Aramite, Total                      | <0.184    | U *-      | 0.572    | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Diallate                            | <0.0299   | U *-      | 0.572    | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Diallate Peak 1                     | <0.0749   | U         | 0.572    | 0.0749 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Diallate Peak 2                     | <0.0299   | U         | 0.572    | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Dimethoate                          | <0.499    | U **      | 2.86     | 0.499  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Dinoseb                             | <0.677    | U **      | 2.86     | 0.677  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Disulfoton                          | <2.16     | U **      | 2.86     | 2.16   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Ethyl methanesulfonate              | <0.186    | U         | 0.572    | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Ethyl Parathion                     | <0.626    | U **      | 1.14     | 0.626  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Famphur                             | <0.259    | U         | 1.14     | 0.259  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Hexachloropropene                   | <0.572    | U         | 0.572    | 0.572  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Isosafrole                          | <0.0231   | U         | 0.572    | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U         | 0.572    | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Isosafrole Peak 2                   | <0.0986   | U         | 0.572    | 0.0986 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Methapyrilene                       | <1.52     | U **      | 2.29     | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Methyl methanesulfonate             | <0.186    | U         | 0.572    | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Methyl parathion                    | <2.77     | U **      | 2.86     | 2.77   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosodiethylamine               | <0.674    | U         | 1.14     | 0.674  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.725    | U         | 1.14     | 0.725  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosomethylethylamine           | <0.702    | U         | 1.14     | 0.702  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosomorpholine                 | <0.714    | U         | 1.14     | 0.714  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U         | 0.572    | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| o,o',o"-Triethylphosphorothioate    | 3.09      |           | 0.572    | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U         | 0.572    | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Pentachloronitrobenzene             | <0.253    | U         | 0.572    | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Phenacetin                          | <0.253    | U         | 0.572    | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Phorate                             | <2.61     | U **      | 5.72     | 2.61   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| p-Phenylene diamine                 | <5.72     | U *-      | 5.72     | 5.72   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Pronamide                           | <0.134    | U         | 0.572    | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Safrole, Total                      | <0.0922   | U *-      | 0.572    | 0.0922 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Sulfotepp                           | <0.472    | U **      | 1.14     | 0.472  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Thionazin                           | <0.340    | U **      | 1.14     | 0.340  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Surrogate                           | %Recovery | Qualifier | Limits   |        |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 108       |           | 26 - 136 |        |      |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Fluorobiphenyl                    | 67        |           | 39 - 130 |        |      |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| 2-Fluorophenol (Surr)               | 32        |           | 19 - 120 |        |      |   | 11/13/25 14:11 | 11/15/25 04:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-26-D

Lab Sample ID: 860-116043-9

Date Collected: 11/07/25 08:59

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr) | 81        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| Phenol-d5 (Surr)       | 24        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 04:03 | 1       |
| p-Terphenyl-d14        | 96        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 04:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Naphthalene | 31.6   |           | 5.72 | 1.14 | ug/L |   | 11/13/25 14:11 | 11/18/25 12:20 | 10      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 102       |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 12:20 | 10      |
| 2-Fluorobiphenyl            | 79        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 12:20 | 10      |
| 2-Fluorophenol (Surr)       | 53        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 12:20 | 10      |
| Nitrobenzene-d5 (Surr)      | 86        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 12:20 | 10      |
| Phenol-d5 (Surr)            | 31        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 12:20 | 10      |
| p-Terphenyl-d14             | 83        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 12:20 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte        | Result | Qualifier | RL  | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| Diphenyl ether | 8700   |           | 572 | 101 | ug/L |   | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |
| 1,1'-Biphenyl  | 2400   |           | 572 | 113 | ug/L |   | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |
| Nitrobenzene-d5 (Surr)      | 0         | S1-       | 32 - 133 | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |
| p-Terphenyl-d14             | 0         | S1-       | 28 - 130 | 11/13/25 14:11 | 11/19/25 10:22 | 1000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.572 | 0.159 | ug/L |   | 11/13/25 14:11 | 11/18/25 11:50 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 75        |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 11:50 | 1       |
| 2-Fluorobiphenyl            | 66        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 11:50 | 1       |
| 2-Fluorophenol (Surr)       | 51        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 11:50 | 1       |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 11:50 | 1       |
| Phenol-d5 (Surr)            | 29        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 11:50 | 1       |
| p-Terphenyl-d14             | 83        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 11:50 | 1       |

Client Sample ID: RB-02

Lab Sample ID: 860-116043-10

Date Collected: 11/07/25 09:10

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   | 11/13/25 19:11 | 11/13/25 19:11 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   | 11/13/25 19:11 | 11/13/25 19:11 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   | 11/13/25 19:11 | 11/13/25 19:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   | 11/13/25 19:11 | 11/13/25 19:11 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: RB-02

Lab Sample ID: 860-116043-10

Date Collected: 11/07/25 09:10

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,2-Trichloroethane            | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,1-Dichloroethane               | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,1-Dichloroethene               | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,2,3-Trichloropropane           | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,2,4-Trimethylbenzene           | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U *+      | 50.0 | 8.28  | ug/L |   |          | 11/13/25 19:11 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 19:11 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 19:11 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 19:11 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 19:11 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 19:11 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 19:11 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Ethyl methacrylate               | <1.12  | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 19:11 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Methacrylonitrile                | <2.72  | U *+      | 10.0 | 2.72  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 19:11 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/13/25 19:11 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: RB-02

Lab Sample ID: 860-116043-10

Date Collected: 11/07/25 09:10

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Propionitrile               | <3.34     | U **      | 10.0    | 3.34     | ug/L |   |          | 11/13/25 19:11 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/13/25 19:11 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/13/25 19:11 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/13/25 19:11 | 1       |
| Tetrahydrofuran             | <1.83     | U **      | 10.0    | 1.83     | ug/L |   |          | 11/13/25 19:11 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/13/25 19:11 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/13/25 19:11 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/13/25 19:11 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/13/25 19:11 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/13/25 19:11 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/13/25 19:11 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/13/25 19:11 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/13/25 19:11 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/13/25 19:11 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 19:11 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 19:11 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 63 - 144 |          | 11/13/25 19:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 74 - 124 |          | 11/13/25 19:11 | 1       |
| Dibromofluoromethane (Surr)  | 122       |           | 75 - 131 |          | 11/13/25 19:11 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/13/25 19:11 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: RB-02

Lab Sample ID: 860-116043-10

Date Collected: 11/07/25 09:10

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Nitroaniline              | <0.271       | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Acenaphthene                | <0.101       | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Acenaphthylene              | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Aniline                     | <0.450       | U *       | 1.14  | 0.450  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Anthracene                  | <0.104       | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Benzo[a]anthracene          | <0.127       | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Benzo[a]pyrene              | <0.107       | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Benzo[b]fluoranthene        | <0.124       | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Benzo[g,h,i]perylene        | <0.0903      | U         | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Benzo[k]fluoranthene        | <0.123       | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Benzyl alcohol              | <0.224       | U * *     | 2.86  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Bis(2-chloroethyl)ether     | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571       | U         | 1.14  | 0.571  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Butyl benzyl phthalate      | <0.336       | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Chrysene                    | <0.0965      | U         | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Dibenz(a,h)anthracene       | <0.0851      | U         | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Dibenzofuran                | <0.112       | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Diethyl phthalate           | <0.187       | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Dimethyl phthalate          | <0.133       | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Di-n-butyl phthalate        | <0.660       | U         | 1.14  | 0.660  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Di-n-octyl phthalate        | <0.286       | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Fluoranthene                | <0.120       | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Fluorene                    | <0.113       | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Hexachlorobenzene           | <0.132       | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Hexachlorobutadiene         | <0.162       | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Hexachlorocyclopentadiene   | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Hexachloroethane            | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103       | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Isophorone                  | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| <b>Naphthalene</b>          | <b>0.187</b> | <b>J</b>  | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Nitrobenzene                | <0.152       | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147       | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosodiphenylamine      | <0.112       | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Pentachlorophenol           | <0.312       | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Phenanthrene                | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Phenol                      | <0.506       | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Pyrene                      | <0.129       | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Pyridine                    | <0.837       | U * *     | 2.86  | 0.837  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitro-o-toluidine         | <0.651       | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254       | U         | 0.571 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Acetophenone                | <0.138       | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosopiperidine         | <0.631       | U         | 1.14  | 0.631  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Pentachlorobenzene          | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| <b>1,1'-Biphenyl</b>        | <b>15.5</b>  |           | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 4-Aminobiphenyl             | <0.195       | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115       | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653       | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1,3-Dinitrobenzene          | <0.587       | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: RB-02

Lab Sample ID: 860-116043-10

Date Collected: 11/07/25 09:10

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Naphthoquinone                  | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 1-Naphthylamine                     | <0.269  | U *-      | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2,6-Dichlorophenol                  | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Naphthylamine                     | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Toluidine                         | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U *- *1   | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 3-Methylcholanthrene                | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.71  | 1.45   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Aramite, Total                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Diallate                            | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Diallate Peak 1                     | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Diallate Peak 2                     | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Dimethoate                          | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Dinoseb                             | <0.676  | U **      | 2.86  | 0.676  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Disulfoton                          | <2.15   | U **      | 2.86  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Ethyl Parathion                     | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Famphur                             | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Hexachloropropene                   | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Isosafrole Peak 2                   | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Methyl parathion                    | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosodiethylamine               | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosomethylethylamine           | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosomorpholine                 | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Phenacetin                          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Phorate                             | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| p-Phenylene diamine                 | <5.71   | U *-      | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Pronamide                           | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Safrole, Total                      | <0.0920 | U *-      | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Sulfotepp                           | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Thionazin                           | <0.340  | U **      | 1.14  | 0.340  | ug/L |   | 11/13/25 14:11 | 11/15/25 00:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: RB-02

Lab Sample ID: 860-116043-10

Date Collected: 11/07/25 09:10

Matrix: Water

Date Received: 11/10/25 09:20

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 81        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 76        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| Phenol-d5 (Surr)            | 17        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 00:04 | 1       |
| p-Terphenyl-d14             | 78        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 00:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte                     | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| Diphenyl ether              | 58.2      |           | 5.71     | 1.01 | ug/L |   | 11/13/25 14:11 | 11/19/25 08:54 | 10      |
|                             |           |           |          |      |      |   |                |                |         |
| Surrogate                   | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 73        |           | 26 - 136 |      |      |   | 11/13/25 14:11 | 11/19/25 08:54 | 10      |
| 2-Fluorobiphenyl            | 75        |           | 39 - 130 |      |      |   | 11/13/25 14:11 | 11/19/25 08:54 | 10      |
| 2-Fluorophenol (Surr)       | 35        |           | 19 - 120 |      |      |   | 11/13/25 14:11 | 11/19/25 08:54 | 10      |
| Nitrobenzene-d5 (Surr)      | 63        |           | 32 - 133 |      |      |   | 11/13/25 14:11 | 11/19/25 08:54 | 10      |
| Phenol-d5 (Surr)            | 16        |           | 8 - 124  |      |      |   | 11/13/25 14:11 | 11/19/25 08:54 | 10      |
| p-Terphenyl-d14             | 69        |           | 28 - 130 |      |      |   | 11/13/25 14:11 | 11/19/25 08:54 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine      | <0.159    | U         | 0.571    | 0.159 | ug/L |   | 11/13/25 14:11 | 11/19/25 08:24 | 1       |
|                             |           |           |          |       |      |   |                |                |         |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 |       |      |   | 11/13/25 14:11 | 11/19/25 08:24 | 1       |
| 2-Fluorobiphenyl            | 76        |           | 39 - 130 |       |      |   | 11/13/25 14:11 | 11/19/25 08:24 | 1       |
| 2-Fluorophenol (Surr)       | 41        |           | 19 - 120 |       |      |   | 11/13/25 14:11 | 11/19/25 08:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 71        |           | 32 - 133 |       |      |   | 11/13/25 14:11 | 11/19/25 08:24 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  |       |      |   | 11/13/25 14:11 | 11/19/25 08:24 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 |       |      |   | 11/13/25 14:11 | 11/19/25 08:24 | 1       |

Client Sample ID: MW-28-S

Lab Sample ID: 860-116043-11

Date Collected: 11/07/25 10:05

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <1290  | U         | 2000  | 1290 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,1,1-Trichloroethane                 | <1170  | U         | 10000 | 1170 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,1,1,2,2-Tetrachloroethane           | <940   | U         | 2000  | 940  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <2220  | U         | 20000 | 2220 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,1,2-Trichloroethane                 | <822   | U         | 2000  | 822  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,1-Dichloroethane                    | <1270  | U         | 2000  | 1270 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,1-Dichloroethene                    | <1480  | U         | 2000  | 1480 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,2,3-Trichloropropane                | <940   | U         | 2000  | 940  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,2,4-Trimethylbenzene                | <834   | U         | 2000  | 834  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,2-Dibromo-3-Chloropropane           | <1340  | U         | 10000 | 1340 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,2-Dibromoethane                     | <2000  | U         | 10000 | 2000 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,2-Dichloroethane                    | <744   | U         | 2000  | 744  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,2-Dichloropropane                   | <1110  | U         | 10000 | 1110 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 1,3,5-Trimethylbenzene                | <822   | U         | 2000  | 822  | ug/L |   |          | 11/13/25 21:15 | 2000    |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-S

Lab Sample ID: 860-116043-11

Date Collected: 11/07/25 10:05

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result       | Qualifier | RL     | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------------|-----------|--------|-------|------|---|----------|----------------|---------|
| 1,3-Butadiene                    | <1140        | U         | 2000   | 1140  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 2,2,4-Trimethylpentane           | <1000        | U         | 10000  | 1000  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 2-Butanone (MEK)                 | <16600       | U **      | 100000 | 16600 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 2-Hexanone (MBK)                 | <10000       | U         | 100000 | 10000 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 2-Propanol                       | <10500       | U         | 20000  | 10500 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 3-Chloropropene (Allyl Chloride) | <1190        | U         | 10000  | 1190  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| 4-Methyl-2-pentanone             | <10000       | U         | 100000 | 10000 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Acetone                          | <6130        | U         | 200000 | 6130  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Acetonitrile                     | <29200       | U         | 200000 | 29200 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Acrolein                         | <22200       | U         | 100000 | 22200 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Acrylonitrile                    | <28600       | U         | 100000 | 28600 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| alpha-Chlorotoluene              | <4510        | U         | 10000  | 4510  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| <b>Benzene</b>                   | <b>927</b>   | <b>J</b>  | 2000   | 919   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Bromodichloromethane             | <1100        | U         | 2000   | 1100  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Bromoform                        | <1270        | U         | 10000  | 1270  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Bromomethane                     | <2840        | U         | 10000  | 2840  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Carbon disulfide                 | <3300        | U         | 10000  | 3300  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| <b>Carbon tetrachloride</b>      | <b>66600</b> |           | 4000   | 1790  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Chlorobenzene                    | <910         | U         | 2000   | 910   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Chlorodibromomethane             | <1090        | U         | 10000  | 1090  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Chloroethane                     | <3970        | U         | 20000  | 3970  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| <b>Chloroform</b>                | <b>9600</b>  |           | 2000   | 928   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Chloromethane                    | <4070        | U         | 20000  | 4070  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Chloroprene                      | <1200        | U         | 10000  | 1200  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| cis-1,2-Dichloroethene           | <914         | U         | 2000   | 914   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| cis-1,3-Dichloropropene          | <2130        | U         | 10000  | 2130  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Cumene (isopropylbenzene)        | <1180        | U         | 2000   | 1180  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Cyclohexane                      | <2570        | U         | 10000  | 2570  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Dibromomethane                   | <714         | U         | 2000   | 714   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Dichlorodifluoromethane          | <1570        | U         | 2000   | 1570  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Ethyl methacrylate               | <2240        | U **      | 10000  | 2240  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Ethylbenzene                     | <770         | U         | 2000   | 770   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Hexane                           | <1030        | U         | 10000  | 1030  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Iodomethane                      | <10000       | U         | 40000  | 10000 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Isobutanol                       | <34200       | U         | 100000 | 34200 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Methacrylonitrile                | <5430        | U **      | 20000  | 5430  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Methyl methacrylate              | <4500        | U         | 20000  | 4500  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Methyl tert-butyl ether          | <2780        | U         | 10000  | 2780  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Methylene Chloride               | <3450        | U         | 10000  | 3450  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Propionitrile                    | <6680        | U **      | 20000  | 6680  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Propylbenzene                    | <858         | U         | 2000   | 858   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Styrene                          | <1240        | U         | 2000   | 1240  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Tetrachloroethene                | <1310        | U         | 2000   | 1310  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Tetrahydrofuran                  | <3670        | U **      | 20000  | 3670  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Toluene                          | <950         | U         | 2000   | 950   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| trans-1,2-Dichloroethene         | <736         | U         | 2000   | 736   | ug/L |   |          | 11/13/25 21:15 | 2000    |
| trans-1,3-Dichloropropene        | <2530        | U         | 10000  | 2530  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| trans-1,4-Dichloro-2-butene      | <2700        | U         | 20000  | 2700  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Trichloroethene                  | <3000        | U         | 10000  | 3000  | ug/L |   |          | 11/13/25 21:15 | 2000    |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-S

Lab Sample ID: 860-116043-11

Date Collected: 11/07/25 10:05

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Trichlorofluoromethane | <1120  | U         | 2000  | 1120 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Vinyl acetate          | <4280  | U         | 40000 | 4280 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Vinyl chloride         | <856   | U         | 4000  | 856  | ug/L |   |          | 11/13/25 21:15 | 2000    |
| Xylenes, Total         | <2480  | U         | 4000  | 2480 | ug/L |   |          | 11/13/25 21:15 | 2000    |
| m,p-Xylenes            | <2.48  | U         | 4.00  | 2.48 | mg/L |   |          | 11/13/25 21:15 | 2000    |
| o-Xylene               | <1.00  | U         | 2.00  | 1.00 | mg/L |   |          | 11/13/25 21:15 | 2000    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 63 - 144 |          | 11/13/25 21:15 | 2000    |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 74 - 124 |          | 11/13/25 21:15 | 2000    |
| Dibromofluoromethane (Surr)  | 126       |           | 75 - 131 |          | 11/13/25 21:15 | 2000    |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/13/25 21:15 | 2000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.566 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,2-Dichlorobenzene          | 2.39    |           | 0.566 | 0.0999 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,3-Dichlorobenzene          | 0.216   | J         | 0.566 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,4-Dichlorobenzene          | 3.35    |           | 0.566 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.83   | U         | 2.83  | 1.83   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.427  | U         | 0.566 | 0.427  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.566 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.566 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.566 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,4-Dioxane                  | 1.45    |           | 0.566 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.66  | 1.37   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,4-Dinitrotoluene           | <0.508  | U         | 1.13  | 0.508  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,6-Dinitrotoluene           | <0.270  | U         | 0.566 | 0.270  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.566 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.566 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.566 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.566 | 0.157  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Nitrophenol                | 0.190   | J         | 0.566 | 0.136  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 3 & 4 Methylphenol           | 0.477   | J         | 0.566 | 0.0935 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 3-Nitroaniline               | <0.220  | U         | 1.13  | 0.220  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.83  | 1.22   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 4-Bromophenyl phenyl ether   | <0.104  | U         | 0.566 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.566 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 4-Chloroaniline              | <0.0872 | U         | 0.566 | 0.0872 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0944 | U         | 0.566 | 0.0944 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 4-Nitroaniline               | <0.268  | U         | 1.13  | 0.268  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Acenaphthene                 | <0.100  | U         | 0.566 | 0.100  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.566 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Aniline                      | <0.446  | U *       | 1.13  | 0.446  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Anthracene                   | <0.103  | U         | 0.566 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Benzo[a]anthracene           | <0.125  | U         | 0.283 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Benzo[a]pyrene               | <0.106  | U         | 0.283 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Benzo[b]fluoranthene         | <0.123  | U         | 0.566 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Benzo[g,h,i]perylene         | <0.0894 | U         | 0.566 | 0.0894 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Benzo[k]fluoranthene         | <0.122  | U         | 0.566 | 0.122  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-S

Lab Sample ID: 860-116043-11

Date Collected: 11/07/25 10:05

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                            | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzyl alcohol                     | <0.222       | U *- *1   | 2.83  | 0.222  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Bis(2-chloroethoxy)methane         | <0.106       | U         | 0.566 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Bis(2-chloroethyl)ether            | <0.105       | U         | 0.566 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| <b>Bis(2-ethylhexyl) phthalate</b> | <b>0.983</b> | <b>J</b>  | 1.13  | 0.565  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Butyl benzyl phthalate             | <0.333       | U         | 1.13  | 0.333  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Chrysene                           | <0.0956      | U         | 0.566 | 0.0956 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Dibenz(a,h)anthracene              | <0.0842      | U         | 0.113 | 0.0842 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| <b>Dibenzofuran</b>                | <b>1.89</b>  |           | 0.566 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Diethyl phthalate                  | <0.185       | U         | 1.13  | 0.185  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Dimethyl phthalate                 | <0.132       | U         | 1.13  | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Di-n-butyl phthalate               | <0.654       | U         | 1.13  | 0.654  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Di-n-octyl phthalate               | <0.283       | U         | 1.13  | 0.283  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Fluoranthene                       | <0.119       | U         | 0.566 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Fluorene                           | <0.112       | U         | 0.566 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Hexachlorobenzene                  | <0.131       | U         | 0.566 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Hexachlorobutadiene                | <0.160       | U         | 0.566 | 0.160  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Hexachlorocyclopentadiene          | <0.177       | U         | 1.13  | 0.177  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| <b>Hexachloroethane</b>            | <b>5.28</b>  |           | 0.566 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Indeno[1,2,3-cd]pyrene             | <0.102       | U         | 0.566 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Isophorone                         | <0.105       | U         | 0.566 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| <b>Naphthalene</b>                 | <b>9.52</b>  |           | 0.566 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Nitrobenzene                       | <0.151       | U         | 0.566 | 0.151  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosodi-n-propylamine          | <0.146       | U         | 0.566 | 0.146  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosodiphenylamine             | <0.111       | U         | 0.566 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Pentachlorophenol                  | <0.309       | U         | 0.566 | 0.309  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Phenanthrene                       | <0.106       | U         | 0.566 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Pyrene                             | <0.128       | U         | 0.566 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Pyridine                           | <0.828       | U *- *1   | 2.83  | 0.828  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitro-o-toluidine                | <0.645       | U         | 1.13  | 0.645  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,3,4,6-Tetrachlorophenol          | <0.251       | U         | 0.566 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Acetophenone                       | <0.137       | U         | 1.13  | 0.137  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosopiperidine                | <0.624       | U         | 1.13  | 0.624  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Pentachlorobenzene                 | <0.124       | U         | 0.566 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| <b>Diphenyl ether</b>              | <b>3810</b>  |           | 566   | 100    | ug/L |   | 11/13/25 14:11 | 11/20/25 02:27 | 1000    |
| 4-Aminobiphenyl                    | <0.193       | U         | 0.566 | 0.193  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene         | <0.114       | U         | 0.566 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,3,5-Trinitrobenzene              | <0.647       | U         | 1.13  | 0.647  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,3-Dinitrobenzene                 | <0.581       | U         | 1.13  | 0.581  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1,4-Naphthoquinone                 | <0.0606      | U         | 0.566 | 0.0606 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 1-Naphthylamine                    | <0.267       | U *-      | 0.566 | 0.267  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,6-Dichlorophenol                 | <0.0963      | U         | 0.566 | 0.0963 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Acetylaminofluorene              | <1.69        | U         | 2.83  | 1.69   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| <b>2-Chlorophenol</b>              | <b>0.307</b> | <b>J</b>  | 0.566 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Naphthylamine                    | <0.408       | U         | 0.566 | 0.408  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Picoline                         | <1.02        | U *- *1   | 1.13  | 1.02   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Toluidine                        | <0.420       | U         | 0.566 | 0.420  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 3,3'-Dichlorobenzidine             | <0.643       | U         | 1.13  | 0.643  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 3,3'-Dimethylbenzidine             | <0.292       | U *- *1   | 0.566 | 0.292  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 3-Methylcholanthrene               | <0.0873      | U         | 0.566 | 0.0873 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-S

Lab Sample ID: 860-116043-11

Date Collected: 11/07/25 10:05

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Nitroquinoline-1-oxide            | <0.630  | U         | 1.13  | 0.630  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.566 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *       | 5.66  | 1.44   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Aramite Peak 1                      | <0.182  | U         | 0.566 | 0.182  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Aramite Peak 2                      | <0.201  | U         | 0.566 | 0.201  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Aramite, Total                      | <0.182  | U         | 0.566 | 0.182  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Diallate                            | <0.0296 | U         | 0.566 | 0.0296 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Diallate Peak 1                     | <0.0740 | U         | 0.566 | 0.0740 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Diallate Peak 2                     | <0.0296 | U         | 0.566 | 0.0296 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Dimethoate                          | <0.494  | U **      | 2.83  | 0.494  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Dinoseb                             | <0.669  | U **      | 2.83  | 0.669  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Disulfoton                          | <2.13   | U **      | 2.83  | 2.13   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Ethyl methanesulfonate              | <0.183  | U         | 0.566 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Ethyl Parathion                     | <0.619  | U **      | 1.13  | 0.619  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Famphur                             | <0.256  | U         | 1.13  | 0.256  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Hexachloropropene                   | <0.566  | U         | 0.566 | 0.566  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Isosafrole                          | <0.0228 | U         | 0.566 | 0.0228 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Isosafrole Peak 1                   | <0.0228 | U         | 0.566 | 0.0228 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Isosafrole Peak 2                   | <0.0975 | U         | 0.566 | 0.0975 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Methapyrilene                       | <1.50   | U **      | 2.26  | 1.50   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Methyl methanesulfonate             | <0.184  | U         | 0.566 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Methyl parathion                    | <2.74   | U **      | 2.83  | 2.74   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosodiethylamine               | <0.666  | U         | 1.13  | 0.666  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosodi-n-butylamine            | <0.716  | U         | 1.13  | 0.716  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosomethylethylamine           | <0.694  | U         | 1.13  | 0.694  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosomorpholine                 | <0.706  | U         | 1.13  | 0.706  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.566 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.131  | U         | 0.566 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| p-Dimethylamino azobenzene          | <0.153  | U         | 0.566 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Pentachloronitrobenzene             | <0.250  | U         | 0.566 | 0.250  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Phenacetin                          | <0.250  | U         | 0.566 | 0.250  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Phorate                             | <2.58   | U **      | 5.66  | 2.58   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| p-Phenylene diamine                 | <5.66   | U *       | 5.66  | 5.66   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Pronamide                           | <0.133  | U         | 0.566 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Safrole, Total                      | <0.0911 | U *       | 0.566 | 0.0911 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Sulfotepp                           | <0.466  | U **      | 1.13  | 0.466  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Thionazin                           | <0.336  | U **      | 1.13  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 110       |           | 26 - 136 | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2,4,6-Tribromophenol (Surr) | 2460      | I S1+     | 26 - 136 | 11/13/25 14:11 | 11/20/25 02:27 | 1000    |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Fluorobiphenyl            | 310       | I S1+     | 39 - 130 | 11/13/25 14:11 | 11/20/25 02:27 | 1000    |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| 2-Fluorophenol (Surr)       | 299       | S1+       | 19 - 120 | 11/13/25 14:11 | 11/20/25 02:27 | 1000    |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 144       | I S1+     | 32 - 133 | 11/13/25 14:11 | 11/20/25 02:27 | 1000    |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/13/25 14:11 | 11/14/25 23:33 | 1       |
| Phenol-d5 (Surr)            | 282       | S1+       | 8 - 124  | 11/13/25 14:11 | 11/20/25 02:27 | 1000    |
| p-Terphenyl-d14             | 85        |           | 28 - 130 | 11/13/25 14:11 | 11/14/25 23:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-S

Lab Sample ID: 860-116043-11

Date Collected: 11/07/25 10:05

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 358       | S1+       | 28 - 130 | 11/13/25 14:11 | 11/20/25 02:27 | 1000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Phenol  | 68.2   |           | 11.3 | 5.01 | ug/L |   | 11/13/25 14:11 | 11/19/25 07:26 | 10      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 95        |           | 26 - 136 | 11/13/25 14:11 | 11/19/25 07:26 | 10      |
| 2-Fluorobiphenyl            | 76        |           | 39 - 130 | 11/13/25 14:11 | 11/19/25 07:26 | 10      |
| 2-Fluorophenol (Surr)       | 58        |           | 19 - 120 | 11/13/25 14:11 | 11/19/25 07:26 | 10      |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 | 11/13/25 14:11 | 11/19/25 07:26 | 10      |
| Phenol-d5 (Surr)            | 39        |           | 8 - 124  | 11/13/25 14:11 | 11/19/25 07:26 | 10      |
| p-Terphenyl-d14             | 84        |           | 28 - 130 | 11/13/25 14:11 | 11/19/25 07:26 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte       | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl | 1120   |           | 28.3 | 5.61 | ug/L |   | 11/13/25 14:11 | 11/19/25 07:55 | 50      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 187       | S1+       | 26 - 136 | 11/13/25 14:11 | 11/19/25 07:55 | 50      |
| 2-Fluorobiphenyl            | 93        |           | 39 - 130 | 11/13/25 14:11 | 11/19/25 07:55 | 50      |
| 2-Fluorophenol (Surr)       | 73        |           | 19 - 120 | 11/13/25 14:11 | 11/19/25 07:55 | 50      |
| Nitrobenzene-d5 (Surr)      | 84        |           | 32 - 133 | 11/13/25 14:11 | 11/19/25 07:55 | 50      |
| Phenol-d5 (Surr)            | 49        |           | 8 - 124  | 11/13/25 14:11 | 11/19/25 07:55 | 50      |
| p-Terphenyl-d14             | 95        |           | 28 - 130 | 11/13/25 14:11 | 11/19/25 07:55 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.158 | U         | 0.566 | 0.158 | ug/L |   | 11/13/25 14:11 | 11/19/25 06:56 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 93        |           | 26 - 136 | 11/13/25 14:11 | 11/19/25 06:56 | 1       |
| 2-Fluorobiphenyl            | 75        |           | 39 - 130 | 11/13/25 14:11 | 11/19/25 06:56 | 1       |
| 2-Fluorophenol (Surr)       | 58        |           | 19 - 120 | 11/13/25 14:11 | 11/19/25 06:56 | 1       |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/13/25 14:11 | 11/19/25 06:56 | 1       |
| Phenol-d5 (Surr)            | 36        |           | 8 - 124  | 11/13/25 14:11 | 11/19/25 06:56 | 1       |
| p-Terphenyl-d14             | 84        |           | 28 - 130 | 11/13/25 14:11 | 11/19/25 06:56 | 1       |

Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <322   | U         | 500  | 322 | ug/L |   | 11/13/25 21:35 | 11/13/25 21:35 | 500     |
| 1,1,1-Trichloroethane                 | <293   | U         | 2500 | 293 | ug/L |   | 11/13/25 21:35 | 11/13/25 21:35 | 500     |
| 1,1,2,2-Tetrachloroethane             | <235   | U         | 500  | 235 | ug/L |   | 11/13/25 21:35 | 11/13/25 21:35 | 500     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <555   | U         | 5000 | 555 | ug/L |   | 11/13/25 21:35 | 11/13/25 21:35 | 500     |
| 1,1,2-Trichloroethane                 | <206   | U         | 500  | 206 | ug/L |   | 11/13/25 21:35 | 11/13/25 21:35 | 500     |
| 1,1-Dichloroethane                    | <318   | U         | 500  | 318 | ug/L |   | 11/13/25 21:35 | 11/13/25 21:35 | 500     |
| 1,1-Dichloroethene                    | <369   | U         | 500  | 369 | ug/L |   | 11/13/25 21:35 | 11/13/25 21:35 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result       | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------------|-----------|-------|------|------|---|----------|----------------|---------|
| 1,2,3-Trichloropropane           | <235         | U         | 500   | 235  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 1,2,4-Trimethylbenzene           | <209         | U         | 500   | 209  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 1,2-Dibromo-3-Chloropropane      | <336         | U         | 2500  | 336  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 1,2-Dibromoethane                | <500         | U         | 2500  | 500  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 1,2-Dichloroethane               | <186         | U         | 500   | 186  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 1,2-Dichloropropane              | <278         | U         | 2500  | 278  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 1,3,5-Trimethylbenzene           | <206         | U         | 500   | 206  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 1,3-Butadiene                    | <284         | U         | 500   | 284  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 2,2,4-Trimethylpentane           | <250         | U         | 2500  | 250  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 2-Butanone (MEK)                 | <4140        | U *+      | 25000 | 4140 | ug/L |   |          | 11/13/25 21:35 | 500     |
| 2-Hexanone (MBK)                 | <2500        | U         | 25000 | 2500 | ug/L |   |          | 11/13/25 21:35 | 500     |
| 2-Propanol                       | <2610        | U         | 5000  | 2610 | ug/L |   |          | 11/13/25 21:35 | 500     |
| 3-Chloropropene (Allyl Chloride) | <299         | U         | 2500  | 299  | ug/L |   |          | 11/13/25 21:35 | 500     |
| 4-Methyl-2-pentanone             | <2500        | U         | 25000 | 2500 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Acetone                          | <1530        | U         | 50000 | 1530 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Acetonitrile                     | <7300        | U         | 50000 | 7300 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Acrolein                         | <5560        | U         | 25000 | 5560 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Acrylonitrile                    | <7160        | U         | 25000 | 7160 | ug/L |   |          | 11/13/25 21:35 | 500     |
| alpha-Chlorotoluene              | <1130        | U         | 2500  | 1130 | ug/L |   |          | 11/13/25 21:35 | 500     |
| <b>Benzene</b>                   | <b>232</b>   | <b>J</b>  | 500   | 230  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Bromodichloromethane             | <276         | U         | 500   | 276  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Bromoform                        | <317         | U         | 2500  | 317  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Bromomethane                     | <710         | U         | 2500  | 710  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Carbon disulfide                 | <825         | U         | 2500  | 825  | ug/L |   |          | 11/13/25 21:35 | 500     |
| <b>Carbon tetrachloride</b>      | <b>32400</b> |           | 1000  | 448  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Chlorobenzene                    | <228         | U         | 500   | 228  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Chlorodibromomethane             | <274         | U         | 2500  | 274  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Chloroethane                     | <992         | U         | 5000  | 992  | ug/L |   |          | 11/13/25 21:35 | 500     |
| <b>Chloroform</b>                | <b>3630</b>  |           | 500   | 232  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Chloromethane                    | <1020        | U         | 5000  | 1020 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Chloroprene                      | <299         | U         | 2500  | 299  | ug/L |   |          | 11/13/25 21:35 | 500     |
| cis-1,2-Dichloroethene           | <229         | U         | 500   | 229  | ug/L |   |          | 11/13/25 21:35 | 500     |
| cis-1,3-Dichloropropene          | <534         | U         | 2500  | 534  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Cumene (isopropylbenzene)        | <296         | U         | 500   | 296  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Cyclohexane                      | <643         | U         | 2500  | 643  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Dibromomethane                   | <179         | U         | 500   | 179  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Dichlorodifluoromethane          | <393         | U         | 500   | 393  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Ethyl methacrylate               | <559         | U *+      | 2500  | 559  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Ethylbenzene                     | <193         | U         | 500   | 193  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Hexane                           | <259         | U         | 2500  | 259  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Iodomethane                      | <2500        | U         | 10000 | 2500 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Isobutanol                       | <8550        | U         | 25000 | 8550 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Methacrylonitrile                | <1360        | U *+      | 5000  | 1360 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Methyl methacrylate              | <1130        | U         | 5000  | 1130 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Methyl tert-butyl ether          | <696         | U         | 2500  | 696  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Methylene Chloride               | <863         | U         | 2500  | 863  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Propionitrile                    | <1670        | U *+      | 5000  | 1670 | ug/L |   |          | 11/13/25 21:35 | 500     |
| Propylbenzene                    | <215         | U         | 500   | 215  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Styrene                          | <310         | U         | 500   | 310  | ug/L |   |          | 11/13/25 21:35 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Tetrachloroethene           | <328   | U         | 500   | 328   | ug/L |   |          | 11/13/25 21:35 | 500     |
| Tetrahydrofuran             | <917   | U **      | 5000  | 917   | ug/L |   |          | 11/13/25 21:35 | 500     |
| Toluene                     | <238   | U         | 500   | 238   | ug/L |   |          | 11/13/25 21:35 | 500     |
| trans-1,2-Dichloroethene    | <184   | U         | 500   | 184   | ug/L |   |          | 11/13/25 21:35 | 500     |
| trans-1,3-Dichloropropene   | <634   | U         | 2500  | 634   | ug/L |   |          | 11/13/25 21:35 | 500     |
| trans-1,4-Dichloro-2-butene | <675   | U         | 5000  | 675   | ug/L |   |          | 11/13/25 21:35 | 500     |
| Trichloroethene             | <750   | U         | 2500  | 750   | ug/L |   |          | 11/13/25 21:35 | 500     |
| Trichlorofluoromethane      | <280   | U         | 500   | 280   | ug/L |   |          | 11/13/25 21:35 | 500     |
| Vinyl acetate               | <1070  | U         | 10000 | 1070  | ug/L |   |          | 11/13/25 21:35 | 500     |
| Vinyl chloride              | <214   | U         | 1000  | 214   | ug/L |   |          | 11/13/25 21:35 | 500     |
| Xylenes, Total              | <620   | U         | 1000  | 620   | ug/L |   |          | 11/13/25 21:35 | 500     |
| m,p-Xylenes                 | <0.620 | U         | 1.00  | 0.620 | mg/L |   |          | 11/13/25 21:35 | 500     |
| o-Xylene                    | <0.251 | U         | 0.500 | 0.251 | mg/L |   |          | 11/13/25 21:35 | 500     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 63 - 144 |          | 11/13/25 21:35 | 500     |
| 4-Bromofluorobenzene (Surr)  | 108       |           | 74 - 124 |          | 11/13/25 21:35 | 500     |
| Dibromofluoromethane (Surr)  | 131       |           | 75 - 131 |          | 11/13/25 21:35 | 500     |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/13/25 21:35 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,2-Dichlorobenzene          | 2.77    |           | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,3-Dichlorobenzene          | 0.268   | J         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,4-Dichlorobenzene          | 4.17    |           | 0.571 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,4-Dioxane                  | 1.06    |           | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Nitroaniline               | 1.86    | I         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 3 & 4 Methylphenol           | 0.268   | J         | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                            | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Aniline                            | <0.450       | U *-      | 1.14  | 0.450  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Anthracene                         | <0.104       | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Benzo[a]anthracene                 | <0.127       | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Benzo[a]pyrene                     | <0.107       | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Benzo[b]fluoranthene               | <0.124       | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Benzo[g,h,i]perylene               | <0.0903      | U         | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Benzo[k]fluoranthene               | <0.123       | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Benzyl alcohol                     | <0.224       | U *- *1   | 2.86  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Bis(2-chloroethoxy)methane         | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Bis(2-chloroethyl)ether            | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| <b>Bis(2-ethylhexyl) phthalate</b> | <b>0.571</b> | <b>J</b>  | 1.14  | 0.571  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Butyl benzyl phthalate             | <0.336       | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Chrysene                           | <0.0965      | U         | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Dibenz(a,h)anthracene              | <0.0851      | U         | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| <b>Dibenzofuran</b>                | <b>4.73</b>  |           | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Diethyl phthalate                  | <0.187       | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Dimethyl phthalate                 | <0.133       | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Di-n-butyl phthalate               | <0.660       | U         | 1.14  | 0.660  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Di-n-octyl phthalate               | <0.286       | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Fluoranthene                       | <0.120       | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Fluorene                           | <0.113       | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Hexachlorobenzene                  | <0.132       | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Hexachlorobutadiene                | <0.162       | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Hexachlorocyclopentadiene          | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| <b>Hexachloroethane</b>            | <b>2.08</b>  |           | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Indeno[1,2,3-cd]pyrene             | <0.103       | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Isophorone                         | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| <b>Naphthalene</b>                 | <b>17.0</b>  |           | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Nitrobenzene                       | <0.152       | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosodi-n-propylamine          | <0.147       | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosodiphenylamine             | <0.112       | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Pentachlorophenol                  | <0.312       | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Phenanthrene                       | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| <b>Phenol</b>                      | <b>14.4</b>  |           | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Pyrene                             | <0.129       | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Pyridine                           | <0.837       | U *- *1   | 2.86  | 0.837  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitro-o-toluidine                | <0.651       | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,3,4,6-Tetrachlorophenol          | <0.254       | U         | 0.571 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Acetophenone                       | <0.138       | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosopiperidine                | <0.631       | U         | 1.14  | 0.631  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Pentachlorobenzene                 | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4-Aminobiphenyl                    | <0.195       | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene         | <0.115       | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,3,5-Trinitrobenzene              | <0.653       | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,3-Dinitrobenzene                 | <0.587       | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1,4-Naphthoquinone                 | <0.0612      | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 1-Naphthylamine                    | <0.269       | U *-      | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2,6-Dichlorophenol                 | <0.0973      | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Acetylaminofluorene              | <1.71        | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                              | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                       | 0.181   | J         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Naphthylamine                      | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Picoline                           | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Toluidine                          | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 3,3'-Dichlorobenzidine               | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 3,3'-Dimethylbenzidine               | <0.295  | U *- *1   | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 3-Methylcholanthrene                 | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 4-Nitroquinoline-1-oxide             | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene       | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| alpha, alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.71  | 1.45   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Aramite Peak 1                       | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Aramite Peak 2                       | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Aramite, Total                       | <0.184  | U *-      | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Diallate                             | <0.0299 | U *-      | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Diallate Peak 1                      | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Diallate Peak 2                      | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Dimethoate                           | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Dinoseb                              | <0.676  | U **      | 2.86  | 0.676  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Disulfoton                           | <2.15   | U **      | 2.86  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Ethyl methanesulfonate               | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Ethyl Parathion                      | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Famphur                              | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Hexachloropropene                    | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Isosafrole                           | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Isosafrole Peak 1                    | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Isosafrole Peak 2                    | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Methapyrilene                        | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Methyl methanesulfonate              | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Methyl parathion                     | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosodiethylamine                | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosodi-n-butylamine             | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosomethylethylamine            | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosomorpholine                  | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| N-Nitrosopyrrolidine                 | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| o,o',o''-Triethylphosphorothioate    | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| p-Dimethylamino azobenzene           | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Pentachloronitrobenzene              | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Phenacetin                           | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Phorate                              | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| p-Phenylene diamine                  | <5.71   | U *-      | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Pronamide                            | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Safrole, Total                       | <0.0920 | U *-      | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Sulfotepp                            | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Thionazin                            | <0.340  | U **      | 1.14  | 0.340  | ug/L |   | 11/13/25 14:11 | 11/15/25 04:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 111       |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 04:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 24        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 04:33 | 1       |
| p-Terphenyl-d14  | 92        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 04:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte        | Result | Qualifier | RL  | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| Diphenyl ether | 10100  |           | 571 | 101 | ug/L |   | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |
| 1,1'-Biphenyl  | 2300   |           | 571 | 113 | ug/L |   | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |
| Nitrobenzene-d5 (Surr)      | 0         | S1-       | 32 - 133 | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |
| p-Terphenyl-d14             | 0         | S1-       | 28 - 130 | 11/13/25 14:11 | 11/19/25 10:52 | 1000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.571 | 0.159 | ug/L |   | 11/13/25 14:11 | 11/18/25 13:19 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 80        |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 13:19 | 1       |
| 2-Fluorobiphenyl            | 74        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 13:19 | 1       |
| 2-Fluorophenol (Surr)       | 51        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 13:19 | 1       |
| Nitrobenzene-d5 (Surr)      | 88        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 13:19 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 13:19 | 1       |
| p-Terphenyl-d14             | 88        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 13:19 | 1       |

Client Sample ID: FB-02

Lab Sample ID: 860-116043-13

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 22:16 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: FB-02

Lab Sample ID: 860-116043-13

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 2-Butanone (MEK)                 | <8.28  | U **      | 50.0 | 8.28  | ug/L |   |          | 11/13/25 22:16 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 22:16 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 22:16 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 22:16 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 22:16 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 22:16 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 22:16 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Ethyl methacrylate               | <1.12  | U **      | 5.00 | 1.12  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Methacrylonitrile                | <2.72  | U **      | 10.0 | 2.72  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Propionitrile                    | <3.34  | U **      | 10.0 | 3.34  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Tetrahydrofuran                  | <1.83  | U **      | 10.0 | 1.83  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/13/25 22:16 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/13/25 22:16 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/13/25 22:16 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/13/25 22:16 | 1       |
| Trichlorofluoromethane           | <0.560 | U         | 1.00 | 0.560 | ug/L |   |          | 11/13/25 22:16 | 1       |
| Vinyl acetate                    | <2.14  | U         | 20.0 | 2.14  | ug/L |   |          | 11/13/25 22:16 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: FB-02

Lab Sample ID: 860-116043-13

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/13/25 22:16 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/13/25 22:16 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/13/25 22:16 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/13/25 22:16 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 63 - 144 |          |      |   |          | 11/13/25 22:16 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 74 - 124 |          |      |   |          | 11/13/25 22:16 | 1       |
| Dibromofluoromethane (Surr)  | 128       |           | 75 - 131 |          |      |   |          | 11/13/25 22:16 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          |      |   |          | 11/13/25 22:16 | 1       |

# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID        | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|----------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                      |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-115934-A-3 MS    | Matrix Spike           | 111                                            | 97              | 104              | 102             |
| 860-115960-B-3 MS    | Matrix Spike           | 95                                             | 103             | 123              | 99              |
| 860-116043-1         | TB-06                  | 98                                             | 104             | 97               | 106             |
| 860-116043-1         | TB-06                  | 118                                            | 99              | 108              | 102             |
| 860-116043-2         | MW-25                  | 104                                            | 103             | 128              | 104             |
| 860-116043-3         | MW-129-D               | 99                                             | 101             | 99               | 104             |
| 860-116043-3         | MW-129-D               | 118                                            | 100             | 108              | 102             |
| 860-116043-4         | MW-31-S                | 98                                             | 103             | 101              | 103             |
| 860-116043-4         | MW-31-S                | 117                                            | 100             | 100              | 103             |
| 860-116043-5         | MW-31-D                | 112                                            | 104             | 123              | 104             |
| 860-116043-6         | MW-27-D                | 102                                            | 104             | 126              | 104             |
| 860-116043-7         | MW-27-S                | 90                                             | 102             | 98               | 102             |
| 860-116043-7         | MW-27-S                | 103                                            | 106             | 121              | 103             |
| 860-116043-7 MS      | MW-27-S                | 93                                             | 103             | 101              | 101             |
| 860-116043-8         | MW-26-S                | 100                                            | 103             | 124              | 102             |
| 860-116043-8 - DL    | MW-26-S                | 107                                            | 92              | 130              | 107             |
| 860-116043-8 MS - DL | MW-26-S                | 110                                            | 93              | 121              | 102             |
| 860-116043-9         | MW-26-D                | 99                                             | 107             | 125              | 104             |
| 860-116043-10        | RB-02                  | 105                                            | 105             | 122              | 102             |
| 860-116043-11        | MW-28-S                | 110                                            | 105             | 126              | 103             |
| 860-116043-12        | MW-28-D                | 99                                             | 108             | 131              | 103             |
| 860-116043-13        | FB-02                  | 100                                            | 103             | 128              | 102             |
| LCS 860-275424/3     | Lab Control Sample     | 93                                             | 105             | 103              | 99              |
| LCS 860-275429/3     | Lab Control Sample     | 112                                            | 97              | 105              | 103             |
| LCS 860-275621/3     | Lab Control Sample     | 98                                             | 103             | 123              | 100             |
| LCS 860-275893/31    | Lab Control Sample     | 102                                            | 93              | 118              | 105             |
| LCSD 860-275424/4    | Lab Control Sample Dup | 95                                             | 103             | 100              | 105             |
| LCSD 860-275429/4    | Lab Control Sample Dup | 111                                            | 98              | 104              | 101             |
| LCSD 860-275621/4    | Lab Control Sample Dup | 96                                             | 103             | 123              | 100             |
| LCSD 860-275893/4    | Lab Control Sample Dup | 105                                            | 97              | 122              | 105             |
| MB 860-275424/9      | Method Blank           | 96                                             | 105             | 97               | 108             |
| MB 860-275429/9      | Method Blank           | 118                                            | 102             | 109              | 103             |
| MB 860-275621/9      | Method Blank           | 104                                            | 104             | 124              | 104             |
| MB 860-275893/7      | Method Blank           | 101                                            | 94              | 115              | 107             |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID         | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-----------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                       |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116038-D-11-B MS  | Matrix Spike           | 33                                             | 35 S1-          | 27              | 37              | 18             | 37                 |
| 860-116038-D-11-B MS  | Matrix Spike           | 39                                             | 32 S1-          | 21              | 42              | 16             | 36                 |
| 860-116038-D-11-C MSD | Matrix Spike Duplicate | 41                                             | 39              | 35              | 42              | 25             | 43                 |

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# Surrogate Summary

Client: Arcadis US Inc.

Job ID: 860-116043-1

Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID             | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|---------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                           |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116038-D-11-C MSD     | Matrix Spike Duplicate | 46                                             | 35 S1-          | 28              | 47              | 22             | 41                 |
| 860-116043-2              | MW-25                  | 61                                             | 69              | 53              | 69              | 32             | 65                 |
| 860-116043-2              | MW-25                  | 69                                             | 59              | 46              | 82              | 30             | 60                 |
| 860-116043-3              | MW-129-D               | 59                                             | 69              | 50              | 67              | 30             | 73                 |
| 860-116043-3              | MW-129-D               | 70                                             | 58              | 42              | 81              | 26             | 69                 |
| 860-116043-4              | MW-31-S                | 59                                             | 67              | 48              | 64              | 26             | 57                 |
| 860-116043-4              | MW-31-S                | 71                                             | 58              | 42              | 79              | 27             | 54                 |
| 860-116043-5              | MW-31-D                | 59                                             | 71              | 52              | 65              | 33             | 70                 |
| 860-116043-5              | MW-31-D                | 71                                             | 61              | 45              | 78              | 29             | 67                 |
| 860-116043-6              | MW-27-D                | 58                                             | 70              | 50              | 64              | 34             | 70                 |
| 860-116043-6              | MW-27-D                | 69                                             | 60              | 42              | 78              | 28             | 64                 |
| 860-116043-7              | MW-27-S                | 55                                             | 66              | 55              | 64              | 37             | 70                 |
| 860-116043-7              | MW-27-S                | 69                                             | 59              | 46              | 77              | 31             | 65                 |
| 860-116043-8              | MW-26-S                | 71                                             | 70              | 46              | 69              | 28             | 76                 |
| 860-116043-8              | MW-26-S                | 85                                             | 62              | 36              | 85              | 24             | 71                 |
| 860-116043-8 - DL         | MW-26-S                | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 0 S1-              |
| 860-116043-9              | MW-26-D                | 108                                            | 67              | 32              | 81              | 24             | 96                 |
| 860-116043-9 - RA         | MW-26-D                | 75                                             | 66              | 51              | 89              | 29             | 83                 |
| 860-116043-9 - DL         | MW-26-D                | 102                                            | 79              | 53              | 86              | 31             | 83                 |
| 860-116043-9 - DL2        | MW-26-D                | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 0 S1-              |
| 860-116043-10             | RB-02                  | 81                                             | 69              | 36              | 76              | 17             | 78                 |
| 860-116043-10 - RA        | RB-02                  | 69                                             | 76              | 41              | 71              | 22             | 73                 |
| 860-116043-10 - DL        | RB-02                  | 73                                             | 75              | 35              | 63              | 16             | 69                 |
| 860-116043-11             | MW-28-S                | 110                                            | 69              | 47              | 89              | 28             | 85                 |
| 860-116043-11 - RA        | MW-28-S                | 93                                             | 75              | 58              | 89              | 36             | 84                 |
| 860-116043-11 - DL        | MW-28-S                | 95                                             | 76              | 58              | 74              | 39             | 84                 |
| 860-116043-11 - DL2       | MW-28-S                | 187 S1+                                        | 93              | 73              | 84              | 49             | 95                 |
| 860-116043-11             | MW-28-S                | 2460 I<br>S1+                                  | 310 I S1+       | 299 S1+         | 144 I S1+       | 282 S1+        | 358 S1+            |
| 860-116043-12             | MW-28-D                | 111                                            | 62              | 40              | 85              | 24             | 92                 |
| 860-116043-12 - RA        | MW-28-D                | 80                                             | 74              | 51              | 88              | 28             | 88                 |
| 860-116043-12 - DL2       | MW-28-D                | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 0 S1-              |
| 860-116304-G-5-A MS       | Matrix Spike           | 150 S1+                                        | 105             | 54              | 136 S1+         | 33             | 116                |
| 860-116304-G-5-A MS - RA  | Matrix Spike           | 135                                            | 106             | 66              | 131             | 38             | 108                |
| 860-116304-G-5-B MSD      | Matrix Spike Duplicate | 140 S1+                                        | 96              | 53              | 124             | 32             | 106                |
| 860-116304-G-5-B MSD - RA | Matrix Spike Duplicate | 124                                            | 100             | 63              | 123             | 37             | 104                |
| LCS 860-275601/2-A        | Lab Control Sample     | 75                                             | 66              | 70              | 69              | 66             | 66                 |
| LCS 860-275601/4-A        | Lab Control Sample     | 66                                             | 67              | 63              | 64              | 58             | 63                 |
| LCS 860-275662/2-A        | Lab Control Sample     | 68                                             | 74              | 73              | 75              | 72             | 74                 |
| LCS 860-275662/2-A        | Lab Control Sample     | 69                                             | 68              | 74              | 67              | 61             | 70                 |
| LCS 860-275662/4-A        | Lab Control Sample     | 72                                             | 78              | 73              | 78              | 68             | 70                 |
| LCSD 860-275601/3-A       | Lab Control Sample Dup | 74                                             | 65              | 71              | 69              | 69             | 65                 |
| LCSD 860-275601/5-A       | Lab Control Sample Dup | 63                                             | 65              | 66              | 68              | 61             | 60                 |
| LCSD 860-275662/3-A       | Lab Control Sample Dup | 70                                             | 78              | 71              | 77              | 70             | 72                 |
| LCSD 860-275662/5-A       | Lab Control Sample Dup | 75                                             | 81              | 78              | 80              | 73             | 75                 |
| MB 860-275601/1-A         | Method Blank           | 62                                             | 68              | 72              | 75              | 63             | 63                 |
| MB 860-275601/1-A         | Method Blank           | 60                                             | 62              | 74              | 69              | 63             | 65                 |
| MB 860-275662/1-A         | Method Blank           | 59                                             | 72              | 74              | 74              | 69             | 73                 |
| MB 860-275662/1-A         | Method Blank           | 59                                             | 64              | 73              | 61              | 57             | 66                 |

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# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol (Surr)  
FBP = 2-Fluorobiphenyl  
2FP = 2-Fluorophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
PHL = Phenol-d5 (Surr)  
TPHd14 = p-Terphenyl-d14

**Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)**

Matrix: Water

Prep Type: Total/NA

|                                   |                        | Percent Surrogate Recovery (Acceptance Limits) |     |     |     |     |        |
|-----------------------------------|------------------------|------------------------------------------------|-----|-----|-----|-----|--------|
|                                   |                        | TBP                                            | FBP | 2FP | NBZ | PHL | TPHd14 |
| Lab Sample ID                     | Client Sample ID       |                                                |     |     |     |     |        |
| LCSD 860-275662/3-A               | Lab Control Sample Dup |                                                |     |     |     |     |        |
|                                   |                        |                                                |     |     |     |     |        |
| <b>Surrogate Legend</b>           |                        |                                                |     |     |     |     |        |
| TBP = 2,4,6-Tribromophenol (Surr) |                        |                                                |     |     |     |     |        |
| FBP = 2-Fluorobiphenyl            |                        |                                                |     |     |     |     |        |
| 2FP = 2-Fluorophenol (Surr)       |                        |                                                |     |     |     |     |        |
| NBZ = Nitrobenzene-d5 (Surr)      |                        |                                                |     |     |     |     |        |
| PHL = Phenol-d5 (Surr)            |                        |                                                |     |     |     |     |        |
| TPHd14 = p-Terphenyl-d14          |                        |                                                |     |     |     |     |        |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-275424/9

Matrix: Water

Analysis Batch: 275424

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/12/25 20:34 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/12/25 20:34 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/12/25 20:34 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/12/25 20:34 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/12/25 20:34 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/12/25 20:34 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/12/25 20:34 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/12/25 20:34 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/12/25 20:34 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/12/25 20:34 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275424/9

Matrix: Water

Analysis Batch: 275424

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/12/25 20:34 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/12/25 20:34 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/12/25 20:34 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/12/25 20:34 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/12/25 20:34 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/12/25 20:34 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/12/25 20:34 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/12/25 20:34 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/12/25 20:34 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/12/25 20:34 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/12/25 20:34 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/12/25 20:34 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96           |              | 63 - 144 |          | 11/12/25 20:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105          |              | 74 - 124 |          | 11/12/25 20:34 | 1       |
| Dibromofluoromethane (Surr)  | 97           |              | 75 - 131 |          | 11/12/25 20:34 | 1       |
| Toluene-d8 (Surr)            | 108          |              | 80 - 120 |          | 11/12/25 20:34 | 1       |

Lab Sample ID: LCS 860-275424/3

Matrix: Water

Analysis Batch: 275424

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 43.65      |               | ug/L |   | 87   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 48.21      |               | ug/L |   | 96   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 48.03      |               | ug/L |   | 96   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 45.35      |               | ug/L |   | 91   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 45.76      |               | ug/L |   | 92   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 50.07      |               | ug/L |   | 100  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 41.76      |               | ug/L |   | 84   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 51.26      |               | ug/L |   | 103  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 46.92      |               | ug/L |   | 94   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 49.48      |               | ug/L |   | 99   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 47.36      |               | ug/L |   | 95   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 41.25      |               | ug/L |   | 83   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 47.18      |               | ug/L |   | 94   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 46.52      |               | ug/L |   | 93   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 58.56      |               | ug/L |   | 117  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275424/3

Matrix: Water

Analysis Batch: 275424

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 43.87      |               | ug/L |   | 88   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 262.4      |               | ug/L |   | 105  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 238.9      |               | ug/L |   | 96   | 60 - 140    |
| 2-Propanol                       | 500         | 380.2      |               | ug/L |   | 76   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 42.07      |               | ug/L |   | 84   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 251.0      |               | ug/L |   | 100  | 60 - 140    |
| Acetone                          | 250         | 205.8      |               | ug/L |   | 82   | 60 - 140    |
| Acetonitrile                     | 500         | 420.7      |               | ug/L |   | 84   | 60 - 140    |
| Acrylonitrile                    | 500         | 476.5      |               | ug/L |   | 95   | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 51.49      |               | ug/L |   | 103  | 70 - 130    |
| Benzene                          | 50.0        | 45.90      |               | ug/L |   | 92   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 45.81      |               | ug/L |   | 92   | 65 - 135    |
| Bromoform                        | 50.0        | 51.42      |               | ug/L |   | 103  | 70 - 130    |
| Bromomethane                     | 50.0        | 55.43      |               | ug/L |   | 111  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 44.47      |               | ug/L |   | 89   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 48.24      |               | ug/L |   | 96   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 44.39      |               | ug/L |   | 89   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 45.65      |               | ug/L |   | 91   | 70 - 130    |
| Chloroethane                     | 50.0        | 51.01      |               | ug/L |   | 102  | 60 - 140    |
| Chloroform                       | 50.0        | 47.37      |               | ug/L |   | 95   | 70 - 130    |
| Chloromethane                    | 50.0        | 40.92      |               | ug/L |   | 82   | 60 - 140    |
| Chloroprene                      | 50.0        | 45.50      |               | ug/L |   | 91   | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 48.46      |               | ug/L |   | 97   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 48.54      |               | ug/L |   | 97   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 49.11      |               | ug/L |   | 98   | 70 - 130    |
| Cyclohexane                      | 50.0        | 53.65      |               | ug/L |   | 107  | 65 - 130    |
| Dibromomethane                   | 50.0        | 49.85      |               | ug/L |   | 100  | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 65.37      |               | ug/L |   | 131  | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 75.45      | *+            | ug/L |   | 151  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 45.50      |               | ug/L |   | 91   | 70 - 130    |
| Hexane                           | 50.0        | 48.82      |               | ug/L |   | 98   | 65 - 140    |
| Iodomethane                      | 50.0        | 63.94      |               | ug/L |   | 128  | 50 - 150    |
| Isobutanol                       | 1240        | 1148       |               | ug/L |   | 93   | 60 - 140    |
| Methacrylonitrile                | 500         | 505.6      |               | ug/L |   | 101  | 70 - 130    |
| Methyl methacrylate              | 100         | 84.87      |               | ug/L |   | 85   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 41.85      |               | ug/L |   | 84   | 70 - 135    |
| Methylene Chloride               | 50.0        | 44.81      |               | ug/L |   | 90   | 71 - 125    |
| Propionitrile                    | 500         | 514.9      |               | ug/L |   | 103  | 70 - 130    |
| Propylbenzene                    | 50.0        | 47.52      |               | ug/L |   | 95   | 70 - 130    |
| Styrene                          | 50.0        | 48.79      |               | ug/L |   | 98   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 45.10      |               | ug/L |   | 90   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 102.3      |               | ug/L |   | 102  | 63 - 130    |
| Toluene                          | 50.0        | 43.89      |               | ug/L |   | 88   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 45.07      |               | ug/L |   | 90   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 49.89      |               | ug/L |   | 100  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 58.11      |               | ug/L |   | 116  | 70 - 130    |
| Trichloroethene                  | 50.0        | 46.70      |               | ug/L |   | 93   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 48.59      |               | ug/L |   | 97   | 60 - 140    |
| Vinyl acetate                    | 250         | 278.3      |               | ug/L |   | 111  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275424/3

Matrix: Water

Analysis Batch: 275424

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl chloride | 50.0        | 55.07      |               | ug/L |   | 110  | 60 - 140    |
| Xylenes, Total | 100         | 90.32      |               | ug/L |   | 90   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04541    |               | mg/L |   | 91   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04491    |               | mg/L |   | 90   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 93            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 105           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 103           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 99            |               | 80 - 120 |

Lab Sample ID: LCSD 860-275424/4

Matrix: Water

Analysis Batch: 275424

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 67.25       | *+ *1          | ug/L |   | 135  | 70 - 130    | 43  | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 59.05       |                | ug/L |   | 118  | 70 - 130    | 20  | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 75.73       | *+ *1          | ug/L |   | 151  | 70 - 130    | 45  | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 57.32       |                | ug/L |   | 115  | 60 - 140    | 23  | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 69.52       | *+ *1          | ug/L |   | 139  | 70 - 130    | 41  | 25        |
| 1,1-Dichloroethane                    | 50.0        | 61.46       |                | ug/L |   | 123  | 70 - 130    | 20  | 25        |
| 1,1-Dichloroethene                    | 50.0        | 51.10       |                | ug/L |   | 102  | 67 - 130    | 20  | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 79.72       | *+ *1          | ug/L |   | 159  | 70 - 130    | 43  | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 70.12       | *+ *1          | ug/L |   | 140  | 70 - 130    | 40  | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 85.76       | *+ *1          | ug/L |   | 172  | 59 - 130    | 54  | 25        |
| 1,2-Dibromoethane                     | 50.0        | 71.90       | *+ *1          | ug/L |   | 144  | 70 - 130    | 41  | 25        |
| 1,2-Dichloroethane                    | 50.0        | 61.21       | *1             | ug/L |   | 122  | 70 - 130    | 39  | 25        |
| 1,2-Dichloropropane                   | 50.0        | 66.12       | *+ *1          | ug/L |   | 132  | 70 - 130    | 33  | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 67.44       | *+ *1          | ug/L |   | 135  | 70 - 130    | 37  | 25        |
| 1,3-Butadiene                         | 50.0        | 67.84       |                | ug/L |   | 136  | 60 - 150    | 15  | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 60.95       | *1             | ug/L |   | 122  | 70 - 130    | 33  | 25        |
| 2-Butanone (MEK)                      | 250         | 373.4       | *+ *1          | ug/L |   | 149  | 67 - 140    | 35  | 25        |
| 2-Hexanone (MBK)                      | 250         | 378.2       | *+ *1          | ug/L |   | 151  | 60 - 140    | 45  | 25        |
| 2-Propanol                            | 500         | 507.8       | *1             | ug/L |   | 102  | 50 - 150    | 29  | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 57.06       | *1             | ug/L |   | 114  | 60 - 130    | 30  | 25        |
| 4-Methyl-2-pentanone                  | 250         | 369.0       | *+ *1          | ug/L |   | 148  | 60 - 140    | 38  | 25        |
| Acetone                               | 250         | 286.3       | *1             | ug/L |   | 115  | 60 - 140    | 33  | 25        |
| Acetonitrile                          | 500         | 570.6       | *1             | ug/L |   | 114  | 60 - 140    | 30  | 25        |
| Acrylonitrile                         | 500         | 659.6       | *1             | ug/L |   | 132  | 60 - 140    | 32  | 25        |
| alpha-Chlorotoluene                   | 50.0        | 80.21       | *+ *1          | ug/L |   | 160  | 70 - 130    | 44  | 25        |
| Benzene                               | 50.0        | 63.26       | *1             | ug/L |   | 127  | 70 - 130    | 32  | 25        |
| Bromodichloromethane                  | 50.0        | 66.10       | *1             | ug/L |   | 132  | 65 - 135    | 36  | 25        |
| Bromoform                             | 50.0        | 77.56       | *+ *1          | ug/L |   | 155  | 70 - 130    | 41  | 25        |
| Bromomethane                          | 50.0        | 64.55       |                | ug/L |   | 129  | 49 - 140    | 15  | 25        |
| Carbon disulfide                      | 50.0        | 54.60       |                | ug/L |   | 109  | 60 - 130    | 20  | 25        |
| Carbon tetrachloride                  | 50.0        | 59.28       |                | ug/L |   | 119  | 70 - 130    | 21  | 25        |
| Chlorobenzene                         | 50.0        | 62.83       | *1             | ug/L |   | 126  | 65 - 135    | 34  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275424/4

Matrix: Water

Analysis Batch: 275424

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Chlorodibromomethane        | 50.0        | 69.97       | *+ *1          | ug/L |   | 140  | 70 - 130    | 42  | 25        |
| Chloroethane                | 50.0        | 59.56       |                | ug/L |   | 119  | 60 - 140    | 15  | 25        |
| Chloroform                  | 50.0        | 62.46       | *1             | ug/L |   | 125  | 70 - 130    | 27  | 25        |
| Chloromethane               | 50.0        | 49.21       |                | ug/L |   | 98   | 60 - 140    | 18  | 25        |
| Chloroprene                 | 50.0        | 57.70       |                | ug/L |   | 115  | 70 - 130    | 24  | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 63.91       | *1             | ug/L |   | 128  | 70 - 130    | 28  | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 70.92       | *+ *1          | ug/L |   | 142  | 70 - 130    | 37  | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 70.65       | *+ *1          | ug/L |   | 141  | 70 - 130    | 36  | 25        |
| Cyclohexane                 | 50.0        | 64.78       |                | ug/L |   | 130  | 65 - 130    | 19  | 25        |
| Dibromomethane              | 50.0        | 71.03       | *+ *1          | ug/L |   | 142  | 69 - 130    | 35  | 25        |
| Dichlorodifluoromethane     | 50.0        | 70.94       |                | ug/L |   | 142  | 50 - 150    | 8   | 25        |
| Ethyl methacrylate          | 50.0        | 116.5       | *+ *1          | ug/L |   | 233  | 70 - 130    | 43  | 25        |
| Ethylbenzene                | 50.0        | 64.84       | *1             | ug/L |   | 130  | 70 - 130    | 35  | 25        |
| Hexane                      | 50.0        | 60.89       |                | ug/L |   | 122  | 65 - 140    | 22  | 25        |
| Iodomethane                 | 50.0        | 80.14       | *+             | ug/L |   | 160  | 50 - 150    | 22  | 25        |
| Isobutanol                  | 1240        | 1645        | *1             | ug/L |   | 133  | 60 - 140    | 36  | 25        |
| Methacrylonitrile           | 500         | 699.9       | *+ *1          | ug/L |   | 140  | 70 - 130    | 32  | 25        |
| Methyl methacrylate         | 100         | 125.7       | *1             | ug/L |   | 126  | 70 - 130    | 39  | 25        |
| Methyl tert-butyl ether     | 50.0        | 57.66       | *1             | ug/L |   | 115  | 70 - 135    | 32  | 25        |
| Methylene Chloride          | 50.0        | 56.93       |                | ug/L |   | 114  | 71 - 125    | 24  | 25        |
| Propionitrile               | 500         | 716.3       | *+ *1          | ug/L |   | 143  | 70 - 130    | 33  | 25        |
| Propylbenzene               | 50.0        | 68.96       | *+ *1          | ug/L |   | 138  | 70 - 130    | 37  | 25        |
| Styrene                     | 50.0        | 72.12       | *+ *1          | ug/L |   | 144  | 70 - 130    | 39  | 25        |
| Tetrachloroethene           | 50.0        | 60.57       | *1             | ug/L |   | 121  | 70 - 130    | 29  | 25        |
| Tetrahydrofuran             | 100         | 136.0       | *+ *1          | ug/L |   | 136  | 63 - 130    | 28  | 25        |
| Toluene                     | 50.0        | 61.94       | *1             | ug/L |   | 124  | 70 - 130    | 34  | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 59.02       | *1             | ug/L |   | 118  | 70 - 130    | 27  | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 75.74       | *+ *1          | ug/L |   | 151  | 70 - 130    | 41  | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 91.27       | *+ *1          | ug/L |   | 183  | 70 - 130    | 44  | 25        |
| Trichloroethene             | 50.0        | 62.53       | *1             | ug/L |   | 125  | 70 - 135    | 29  | 25        |
| Trichlorofluoromethane      | 50.0        | 50.19       |                | ug/L |   | 100  | 60 - 140    | 3   | 25        |
| Vinyl acetate               | 250         | 373.2       | *1             | ug/L |   | 149  | 50 - 150    | 29  | 25        |
| Vinyl chloride              | 50.0        | 60.57       |                | ug/L |   | 121  | 60 - 140    | 10  | 25        |
| Xylenes, Total              | 100         | 128.9       | *1             | ug/L |   | 129  | 70 - 130    | 35  | 25        |
| m,p-Xylenes                 | 0.0500      | 0.06461     | *1             | mg/L |   | 129  | 70 - 130    | 35  | 25        |
| o-Xylene                    | 0.0500      | 0.06426     | *1             | mg/L |   | 129  | 70 - 130    | 35  | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95             |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 105            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116043-7 MS

Matrix: Water

Analysis Batch: 275424

Client Sample ID: MW-27-S

Prep Type: Total/NA

| Analyte                               | Sample | Sample     | Spike | MS     |           | Unit | D | %Rec | %Rec     |  |
|---------------------------------------|--------|------------|-------|--------|-----------|------|---|------|----------|--|
|                                       | Result | Qualifier  |       | Result | Qualifier |      |   |      | Limits   |  |
| 1,1,1,2-Tetrachloroethane             | <0.644 | U F1 *+ *1 | 50.0  | 29.57  | F1        | ug/L |   | 59   | 70 - 130 |  |
| 1,1,1-Trichloroethane                 | <0.585 | U F1       | 50.0  | 31.10  | F1        | ug/L |   | 62   | 70 - 130 |  |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U F1 *+ *1 | 50.0  | 30.62  | F1        | ug/L |   | 61   | 70 - 130 |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U F1       | 50.0  | 27.60  | F1        | ug/L |   | 55   | 60 - 140 |  |
| 1,1,2-Trichloroethane                 | <0.411 | U F1 *+ *1 | 50.0  | 29.85  | F1        | ug/L |   | 60   | 70 - 130 |  |
| 1,1-Dichloroethane                    | <0.635 | U F1       | 50.0  | 31.60  | F1        | ug/L |   | 63   | 70 - 130 |  |
| 1,1-Dichloroethene                    | <0.738 | U F1       | 50.0  | 26.93  | F1        | ug/L |   | 54   | 67 - 130 |  |
| 1,2,3-Trichloropropane                | <0.470 | U F1 *+ *1 | 50.0  | 32.22  | F1        | ug/L |   | 64   | 70 - 130 |  |
| 1,2,4-Trimethylbenzene                | <0.417 | U F1 *+ *1 | 50.0  | 31.01  | F1        | ug/L |   | 62   | 70 - 130 |  |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U *+ *1    | 50.0  | 31.60  |           | ug/L |   | 63   | 59 - 130 |  |
| 1,2-Dibromoethane                     | <0.999 | U F1 *+ *1 | 50.0  | 30.85  | F1        | ug/L |   | 62   | 70 - 130 |  |
| 1,2-Dichloroethane                    | <0.372 | U F1 *1    | 50.0  | 27.81  | F1        | ug/L |   | 56   | 70 - 130 |  |
| 1,2-Dichloropropane                   | <0.556 | U F1 *+ *1 | 50.0  | 31.50  | F1        | ug/L |   | 63   | 70 - 130 |  |
| 1,3,5-Trimethylbenzene                | <0.411 | U F1 *+ *1 | 50.0  | 30.32  | F1        | ug/L |   | 61   | 70 - 130 |  |
| 1,3-Butadiene                         | <0.568 | U F1       | 50.0  | 16.42  | F1        | ug/L |   | 33   | 60 - 150 |  |
| 2,2,4-Trimethylpentane                | <0.500 | U F1 *1    | 50.0  | 30.36  | F1        | ug/L |   | 61   | 70 - 130 |  |
| 2-Butanone (MEK)                      | <8.28  | U F1 *+ *1 | 250   | 148.7  | F1        | ug/L |   | 59   | 67 - 140 |  |
| 2-Hexanone (MBK)                      | <5.00  | U F1 *+ *1 | 250   | 146.1  | F1        | ug/L |   | 58   | 60 - 140 |  |
| 2-Propanol                            | <5.23  | U *1       | 500   | 259.5  |           | ug/L |   | 52   | 50 - 150 |  |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U F1 *1    | 50.0  | 27.48  | F1        | ug/L |   | 55   | 60 - 130 |  |
| 4-Methyl-2-pentanone                  | <5.00  | U *+ *1    | 250   | 155.1  |           | ug/L |   | 62   | 60 - 140 |  |
| Acetone                               | <3.07  | U F1 *1    | 250   | 102.2  | F1        | ug/L |   | 41   | 60 - 140 |  |
| Acetonitrile                          | <14.6  | U F1 *1    | 500   | 274.8  | F1        | ug/L |   | 55   | 60 - 140 |  |
| Acrolein                              | <11.1  | U F1 *- *1 | 250   | 22.18  | J F1      | ug/L |   | 9    | 60 - 140 |  |
| Acrylonitrile                         | <14.3  | U F1 *1    | 500   | 287.5  | F1        | ug/L |   | 58   | 60 - 140 |  |
| alpha-Chlorotoluene                   | <2.26  | U F1 *+ *1 | 50.0  | 31.61  | F1        | ug/L |   | 63   | 70 - 130 |  |
| Benzene                               | <0.460 | U F1 *1    | 50.0  | 30.78  | F1        | ug/L |   | 62   | 70 - 130 |  |
| Bromodichloromethane                  | <0.552 | U F1 *1    | 50.0  | 30.52  | F1        | ug/L |   | 61   | 65 - 135 |  |
| Bromoform                             | <0.633 | U F1 *+ *1 | 50.0  | 30.48  | F1        | ug/L |   | 61   | 70 - 130 |  |
| Bromomethane                          | <1.42  | U F1       | 50.0  | 23.29  | F1        | ug/L |   | 47   | 49 - 140 |  |
| Carbon disulfide                      | <1.65  | U F1       | 50.0  | 29.33  | F1        | ug/L |   | 59   | 60 - 130 |  |
| Carbon tetrachloride                  | <0.896 | U F1       | 50.0  | 29.50  | F1        | ug/L |   | 59   | 70 - 130 |  |
| Chlorobenzene                         | <0.455 | U F1 *1    | 50.0  | 28.96  | F1        | ug/L |   | 58   | 65 - 135 |  |
| Chlorodibromomethane                  | <0.547 | U F1 *+ *1 | 50.0  | 29.65  | F1        | ug/L |   | 59   | 70 - 130 |  |
| Chloroethane                          | <1.98  | U F1       | 50.0  | 13.83  | F1        | ug/L |   | 28   | 60 - 140 |  |
| Chloroform                            | <0.464 | U F1 *1    | 50.0  | 29.40  | F1        | ug/L |   | 59   | 70 - 130 |  |
| Chloromethane                         | <2.04  | U F1       | 50.0  | 11.68  | F1        | ug/L |   | 23   | 60 - 140 |  |
| Chloroprene                           | <0.598 | U F1       | 50.0  | 29.98  | F1        | ug/L |   | 60   | 70 - 130 |  |
| cis-1,2-Dichloroethene                | <0.457 | U F1 *1    | 50.0  | 30.83  | F1        | ug/L |   | 62   | 70 - 130 |  |
| cis-1,3-Dichloropropene               | <1.07  | U F1 *+ *1 | 50.0  | 31.80  | F1        | ug/L |   | 64   | 70 - 130 |  |
| Cumene (isopropylbenzene)             | <0.592 | U F1 *+ *1 | 50.0  | 32.67  | F1        | ug/L |   | 65   | 70 - 130 |  |
| Cyclohexane                           | <1.29  | U          | 50.0  | 34.50  |           | ug/L |   | 69   | 65 - 130 |  |
| Dibromomethane                        | <0.357 | U F1 *+ *1 | 50.0  | 30.95  | F1        | ug/L |   | 62   | 69 - 130 |  |
| Dichlorodifluoromethane               | <0.785 | U F1       | 50.0  | 16.02  | F1        | ug/L |   | 32   | 50 - 150 |  |
| Ethyl methacrylate                    | <1.12  | U *+ *1    | 50.0  | 45.31  |           | ug/L |   | 91   | 70 - 130 |  |
| Ethylbenzene                          | <0.385 | U F1 *1    | 50.0  | 30.12  | F1        | ug/L |   | 60   | 70 - 130 |  |
| Hexane                                | <0.517 | U F1       | 50.0  | 31.74  | F1        | ug/L |   | 63   | 65 - 140 |  |
| Iodomethane                           | <5.00  | U *+       | 50.0  | 38.99  |           | ug/L |   | 78   | 50 - 150 |  |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116043-7 MS

Matrix: Water

Analysis Batch: 275424

Client Sample ID: MW-27-S

Prep Type: Total/NA

| Analyte                      | Sample    | Sample     | Spike    | MS      |           | Unit | D | %Rec | %Rec     |  |
|------------------------------|-----------|------------|----------|---------|-----------|------|---|------|----------|--|
|                              | Result    | Qualifier  |          | Result  | Qualifier |      |   |      | Limits   |  |
| Isobutanol                   | <17.1     | U F1 *1    | 1240     | 656.6   | F1        | ug/L |   | 53   | 60 - 140 |  |
| Methacrylonitrile            | <2.72     | U F1 ** *1 | 500      | 311.7   | F1        | ug/L |   | 62   | 70 - 130 |  |
| Methyl methacrylate          | <2.25     | U F1 *1    | 100      | 52.10   | F1        | ug/L |   | 52   | 70 - 130 |  |
| Methyl tert-butyl ether      | <1.39     | U F1 *1    | 50.0     | 25.41   | F1        | ug/L |   | 51   | 70 - 135 |  |
| Methylene Chloride           | <1.73     | U F1       | 50.0     | 27.34   | F1        | ug/L |   | 55   | 71 - 125 |  |
| Propionitrile                | <3.34     | U F1 ** *1 | 500      | 305.7   | F1        | ug/L |   | 61   | 70 - 130 |  |
| Propylbenzene                | <0.429    | U F1 ** *1 | 50.0     | 31.30   | F1        | ug/L |   | 63   | 70 - 130 |  |
| Styrene                      | <0.619    | U F1 ** *1 | 50.0     | 32.62   | F1        | ug/L |   | 65   | 70 - 130 |  |
| Tetrachloroethene            | <0.655    | U F1 *1    | 50.0     | 29.16   | F1        | ug/L |   | 58   | 70 - 130 |  |
| Tetrahydrofuran              | <1.83     | U F1 ** *1 | 100      | 61.75   | F1        | ug/L |   | 62   | 63 - 130 |  |
| Toluene                      | <0.475    | U F1 *1    | 50.0     | 28.81   | F1        | ug/L |   | 58   | 70 - 130 |  |
| trans-1,2-Dichloroethene     | <0.368    | U F1 *1    | 50.0     | 30.11   | F1        | ug/L |   | 60   | 70 - 130 |  |
| trans-1,3-Dichloropropene    | <1.27     | U F1 ** *1 | 50.0     | 31.68   | F1        | ug/L |   | 63   | 70 - 130 |  |
| trans-1,4-Dichloro-2-butene  | <1.35     | U ** *1    | 50.0     | 35.50   |           | ug/L |   | 71   | 70 - 130 |  |
| Trichloroethene              | <1.50     | U F1 *1    | 50.0     | 29.62   | F1        | ug/L |   | 59   | 70 - 135 |  |
| Trichlorofluoromethane       | <0.560    | U F1       | 50.0     | 12.21   | F1        | ug/L |   | 24   | 60 - 140 |  |
| Vinyl acetate                | <2.14     | U *1       | 250      | 181.5   |           | ug/L |   | 73   | 50 - 150 |  |
| Vinyl chloride               | <0.428    | U F1       | 50.0     | 14.25   | F1        | ug/L |   | 29   | 60 - 140 |  |
| Xylenes, Total               | <1.24     | U *1 F1    | 100      | 60.04   | F1        | ug/L |   | 60   | 70 - 130 |  |
| m,p-Xylenes                  | <0.00124  | U F1 *1    | 0.0500   | 0.03047 | F1        | mg/L |   | 61   | 70 - 130 |  |
| o-Xylene                     | <0.000502 | U F1 *1    | 0.0500   | 0.02957 | F1        | mg/L |   | 59   | 70 - 130 |  |
|                              |           |            |          |         |           |      |   |      |          |  |
| Surrogate                    | MS        |            | Limits   |         |           |      |   |      |          |  |
|                              | %Recovery | Qualifier  |          |         |           |      |   |      |          |  |
| 1,2-Dichloroethane-d4 (Surr) | 93        |            | 63 - 144 |         |           |      |   |      |          |  |
| 4-Bromofluorobenzene (Surr)  | 103       |            | 74 - 124 |         |           |      |   |      |          |  |
| Dibromofluoromethane (Surr)  | 101       |            | 75 - 131 |         |           |      |   |      |          |  |
| Toluene-d8 (Surr)            | 101       |            | 80 - 120 |         |           |      |   |      |          |  |

Lab Sample ID: MB 860-275429/9

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB     |           | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
|                                       | Result | Qualifier |      |       |      |   |          |                |         |
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/13/25 07:50 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275429/9

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                          | MB     | MB        | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
|                                  | Result | Qualifier |      |       |      |   |          |                |         |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/13/25 07:50 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 07:50 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/13/25 07:50 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/13/25 07:50 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/13/25 07:50 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/13/25 07:50 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/13/25 07:50 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/13/25 07:50 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/13/25 07:50 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/13/25 07:50 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/13/25 07:50 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/13/25 07:50 | 1       |
| Trichlorofluoromethane           | <0.560 | U         | 1.00 | 0.560 | ug/L |   |          | 11/13/25 07:50 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275429/9

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Vinyl acetate  | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/13/25 07:50 | 1       |
| Vinyl chloride | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/13/25 07:50 | 1       |
| Xylenes, Total | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/13/25 07:50 | 1       |
| m,p-Xylenes    | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 07:50 | 1       |
| o-Xylene       | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 07:50 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 118          |              | 63 - 144 |          | 11/13/25 07:50 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102          |              | 74 - 124 |          | 11/13/25 07:50 | 1       |
| Dibromofluoromethane (Surr)  | 109          |              | 75 - 131 |          | 11/13/25 07:50 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |          | 11/13/25 07:50 | 1       |

Lab Sample ID: LCS 860-275429/3

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 53.16      |               | ug/L |   | 106  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 54.80      |               | ug/L |   | 110  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.79      |               | ug/L |   | 92   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 50.69      |               | ug/L |   | 101  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 54.85      |               | ug/L |   | 110  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 59.44      |               | ug/L |   | 119  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 58.97      |               | ug/L |   | 118  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 54.71      |               | ug/L |   | 109  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 50.66      |               | ug/L |   | 101  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 47.87      |               | ug/L |   | 96   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 53.04      |               | ug/L |   | 106  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 58.53      |               | ug/L |   | 117  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 54.96      |               | ug/L |   | 110  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 51.32      |               | ug/L |   | 103  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 59.73      |               | ug/L |   | 119  | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 38.35      |               | ug/L |   | 77   | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 316.8      |               | ug/L |   | 127  | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 342.9      |               | ug/L |   | 137  | 60 - 140    |
| 2-Propanol                            | 500         | 619.8      |               | ug/L |   | 124  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 63.32      |               | ug/L |   | 127  | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 335.4      |               | ug/L |   | 134  | 60 - 140    |
| Acetone                               | 250         | 331.2      |               | ug/L |   | 132  | 60 - 140    |
| Acetonitrile                          | 500         | 628.9      |               | ug/L |   | 126  | 60 - 140    |
| Acrolein                              | 250         | 289.6      |               | ug/L |   | 116  | 60 - 140    |
| Acrylonitrile                         | 500         | 628.8      |               | ug/L |   | 126  | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 35.72      |               | ug/L |   | 71   | 70 - 130    |
| Benzene                               | 50.0        | 52.94      |               | ug/L |   | 106  | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 55.96      |               | ug/L |   | 112  | 65 - 135    |
| Bromoform                             | 50.0        | 57.42      |               | ug/L |   | 115  | 70 - 130    |
| Bromomethane                          | 50.0        | 60.55      |               | ug/L |   | 121  | 49 - 140    |
| Carbon disulfide                      | 50.0        | 63.89      |               | ug/L |   | 128  | 60 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275429/3

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Carbon tetrachloride        | 50.0        | 51.77      |               | ug/L |   | 104  | 70 - 130    |
| Chlorobenzene               | 50.0        | 51.02      |               | ug/L |   | 102  | 65 - 135    |
| Chlorodibromomethane        | 50.0        | 53.99      |               | ug/L |   | 108  | 70 - 130    |
| Chloroethane                | 50.0        | 55.78      |               | ug/L |   | 112  | 60 - 140    |
| Chloroform                  | 50.0        | 54.98      |               | ug/L |   | 110  | 70 - 130    |
| Chloromethane               | 50.0        | 51.56      |               | ug/L |   | 103  | 60 - 140    |
| Chloroprene                 | 50.0        | 55.34      |               | ug/L |   | 111  | 70 - 130    |
| cis-1,2-Dichloroethene      | 50.0        | 58.34      |               | ug/L |   | 117  | 70 - 130    |
| cis-1,3-Dichloropropene     | 50.0        | 53.41      |               | ug/L |   | 107  | 70 - 130    |
| Cumene (isopropylbenzene)   | 50.0        | 56.54      |               | ug/L |   | 113  | 70 - 130    |
| Cyclohexane                 | 50.0        | 45.48      |               | ug/L |   | 91   | 65 - 130    |
| Dibromomethane              | 50.0        | 55.11      |               | ug/L |   | 110  | 69 - 130    |
| Dichlorodifluoromethane     | 50.0        | 53.57      |               | ug/L |   | 107  | 50 - 150    |
| Ethyl methacrylate          | 50.0        | 77.87      | *+            | ug/L |   | 156  | 70 - 130    |
| Ethylbenzene                | 50.0        | 52.78      |               | ug/L |   | 106  | 70 - 130    |
| Hexane                      | 50.0        | 42.51      |               | ug/L |   | 85   | 65 - 140    |
| Iodomethane                 | 50.0        | 67.26      |               | ug/L |   | 135  | 50 - 150    |
| Isobutanol                  | 1240        | 1641       |               | ug/L |   | 132  | 60 - 140    |
| Methacrylonitrile           | 500         | 554.1      |               | ug/L |   | 111  | 70 - 130    |
| Methyl methacrylate         | 100         | 95.03      |               | ug/L |   | 95   | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 55.38      |               | ug/L |   | 111  | 70 - 135    |
| Methylene Chloride          | 50.0        | 57.52      |               | ug/L |   | 115  | 71 - 125    |
| Propionitrile               | 500         | 605.6      |               | ug/L |   | 121  | 70 - 130    |
| Propylbenzene               | 50.0        | 49.68      |               | ug/L |   | 99   | 70 - 130    |
| Styrene                     | 50.0        | 56.80      |               | ug/L |   | 114  | 70 - 130    |
| Tetrachloroethene           | 50.0        | 48.32      |               | ug/L |   | 97   | 70 - 130    |
| Tetrahydrofuran             | 100         | 120.8      |               | ug/L |   | 121  | 63 - 130    |
| Toluene                     | 50.0        | 50.86      |               | ug/L |   | 102  | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 61.69      |               | ug/L |   | 123  | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 55.85      |               | ug/L |   | 112  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 58.34      |               | ug/L |   | 117  | 70 - 130    |
| Trichloroethene             | 50.0        | 55.96      |               | ug/L |   | 112  | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 48.91      |               | ug/L |   | 98   | 60 - 140    |
| Vinyl acetate               | 250         | 138.1      |               | ug/L |   | 55   | 50 - 150    |
| Vinyl chloride              | 50.0        | 57.80      |               | ug/L |   | 116  | 60 - 140    |
| Xylenes, Total              | 100         | 105.6      |               | ug/L |   | 106  | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.05293    |               | mg/L |   | 106  | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.05267    |               | mg/L |   | 105  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 112           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 105           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 103           |               | 80 - 120 |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275429/4

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                       |             |             |                |      |   |      |             |     |           |
| 1,1,1,2-Tetrachloroethane             | 50.0        | 53.08       |                | ug/L |   | 106  | 70 - 130    | 0   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 54.37       |                | ug/L |   | 109  | 70 - 130    | 1   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.63       |                | ug/L |   | 91   | 70 - 130    | 0   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 47.82       |                | ug/L |   | 96   | 60 - 140    | 6   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 52.50       |                | ug/L |   | 105  | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 60.02       |                | ug/L |   | 120  | 70 - 130    | 1   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 58.34       |                | ug/L |   | 117  | 67 - 130    | 1   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 56.09       |                | ug/L |   | 112  | 70 - 130    | 2   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 51.27       |                | ug/L |   | 103  | 70 - 130    | 1   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 51.37       |                | ug/L |   | 103  | 59 - 130    | 7   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 52.13       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 57.85       |                | ug/L |   | 116  | 70 - 130    | 1   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 53.72       |                | ug/L |   | 107  | 70 - 130    | 2   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 51.59       |                | ug/L |   | 103  | 70 - 130    | 1   | 25        |
| 1,3-Butadiene                         | 50.0        | 58.82       |                | ug/L |   | 118  | 60 - 150    | 2   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 36.86       |                | ug/L |   | 74   | 70 - 130    | 4   | 25        |
| 2-Butanone (MEK)                      | 250         | 311.1       |                | ug/L |   | 124  | 67 - 140    | 2   | 25        |
| 2-Hexanone (MBK)                      | 250         | 333.5       |                | ug/L |   | 133  | 60 - 140    | 3   | 25        |
| 2-Propanol                            | 500         | 587.5       |                | ug/L |   | 118  | 50 - 150    | 5   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 61.22       |                | ug/L |   | 122  | 60 - 130    | 3   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 329.7       |                | ug/L |   | 132  | 60 - 140    | 2   | 25        |
| Acetone                               | 250         | 331.2       |                | ug/L |   | 132  | 60 - 140    | 0   | 25        |
| Acetonitrile                          | 500         | 621.1       |                | ug/L |   | 124  | 60 - 140    | 1   | 25        |
| Acrolein                              | 250         | 283.6       |                | ug/L |   | 113  | 60 - 140    | 2   | 25        |
| Acrylonitrile                         | 500         | 610.5       |                | ug/L |   | 122  | 60 - 140    | 3   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 35.38       |                | ug/L |   | 71   | 70 - 130    | 1   | 25        |
| Benzene                               | 50.0        | 52.44       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| Bromodichloromethane                  | 50.0        | 55.31       |                | ug/L |   | 111  | 65 - 135    | 1   | 25        |
| Bromoform                             | 50.0        | 56.91       |                | ug/L |   | 114  | 70 - 130    | 1   | 25        |
| Bromomethane                          | 50.0        | 61.32       |                | ug/L |   | 123  | 49 - 140    | 1   | 25        |
| Carbon disulfide                      | 50.0        | 62.11       |                | ug/L |   | 124  | 60 - 130    | 3   | 25        |
| Carbon tetrachloride                  | 50.0        | 50.86       |                | ug/L |   | 102  | 70 - 130    | 2   | 25        |
| Chlorobenzene                         | 50.0        | 50.98       |                | ug/L |   | 102  | 65 - 135    | 0   | 25        |
| Chlorodibromomethane                  | 50.0        | 53.09       |                | ug/L |   | 106  | 70 - 130    | 2   | 25        |
| Chloroethane                          | 50.0        | 56.46       |                | ug/L |   | 113  | 60 - 140    | 1   | 25        |
| Chloroform                            | 50.0        | 54.81       |                | ug/L |   | 110  | 70 - 130    | 0   | 25        |
| Chloromethane                         | 50.0        | 52.66       |                | ug/L |   | 105  | 60 - 140    | 2   | 25        |
| Chloroprene                           | 50.0        | 56.94       |                | ug/L |   | 114  | 70 - 130    | 3   | 25        |
| cis-1,2-Dichloroethene                | 50.0        | 53.85       |                | ug/L |   | 108  | 70 - 130    | 8   | 25        |
| cis-1,3-Dichloropropene               | 50.0        | 53.67       |                | ug/L |   | 107  | 70 - 130    | 0   | 25        |
| Cumene (isopropylbenzene)             | 50.0        | 55.37       |                | ug/L |   | 111  | 70 - 130    | 2   | 25        |
| Cyclohexane                           | 50.0        | 43.36       |                | ug/L |   | 87   | 65 - 130    | 5   | 25        |
| Dibromomethane                        | 50.0        | 54.75       |                | ug/L |   | 110  | 69 - 130    | 1   | 25        |
| Dichlorodifluoromethane               | 50.0        | 52.86       |                | ug/L |   | 106  | 50 - 150    | 1   | 25        |
| Ethyl methacrylate                    | 50.0        | 76.40       | *+             | ug/L |   | 153  | 70 - 130    | 2   | 25        |
| Ethylbenzene                          | 50.0        | 51.57       |                | ug/L |   | 103  | 70 - 130    | 2   | 25        |
| Hexane                                | 50.0        | 41.38       |                | ug/L |   | 83   | 65 - 140    | 3   | 25        |
| Iodomethane                           | 50.0        | 75.29       | *+             | ug/L |   | 151  | 50 - 150    | 11  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275429/4

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Isobutanol                  | 1240        | 1589        |                | ug/L |   | 128  | 60 - 140    | 3   | 25        |
| Methacrylonitrile           | 500         | 546.6       |                | ug/L |   | 109  | 70 - 130    | 1   | 25        |
| Methyl methacrylate         | 100         | 94.34       |                | ug/L |   | 94   | 70 - 130    | 1   | 25        |
| Methyl tert-butyl ether     | 50.0        | 54.58       |                | ug/L |   | 109  | 70 - 135    | 1   | 25        |
| Methylene Chloride          | 50.0        | 58.52       |                | ug/L |   | 117  | 71 - 125    | 2   | 25        |
| Propionitrile               | 500         | 598.4       |                | ug/L |   | 120  | 70 - 130    | 1   | 25        |
| Propylbenzene               | 50.0        | 50.39       |                | ug/L |   | 101  | 70 - 130    | 1   | 25        |
| Styrene                     | 50.0        | 55.70       |                | ug/L |   | 111  | 70 - 130    | 2   | 25        |
| Tetrachloroethene           | 50.0        | 48.62       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| Tetrahydrofuran             | 100         | 124.4       |                | ug/L |   | 124  | 63 - 130    | 3   | 25        |
| Toluene                     | 50.0        | 50.24       |                | ug/L |   | 100  | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 61.03       |                | ug/L |   | 122  | 70 - 130    | 1   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 55.72       |                | ug/L |   | 111  | 70 - 130    | 0   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 59.25       |                | ug/L |   | 119  | 70 - 130    | 2   | 25        |
| Trichloroethene             | 50.0        | 55.22       |                | ug/L |   | 110  | 70 - 135    | 1   | 25        |
| Trichlorofluoromethane      | 50.0        | 46.29       |                | ug/L |   | 93   | 60 - 140    | 5   | 25        |
| Vinyl acetate               | 250         | 141.6       |                | ug/L |   | 57   | 50 - 150    | 2   | 25        |
| Vinyl chloride              | 50.0        | 57.84       |                | ug/L |   | 116  | 60 - 140    | 0   | 25        |
| Xylenes, Total              | 100         | 103.6       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05188     |                | mg/L |   | 104  | 70 - 130    | 2   | 25        |
| o-Xylene                    | 0.0500      | 0.05170     |                | mg/L |   | 103  | 70 - 130    | 2   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 111            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 104            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120 |

Lab Sample ID: 860-115934-A-3 MS

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 53.28     |              | ug/L |   | 107  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 54.45     |              | ug/L |   | 109  | 70 - 130    |
| 1,1,1,2,2-Tetrachloroethane           | <0.470        | U                | 50.0        | 47.26     |              | ug/L |   | 95   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 45.28     |              | ug/L |   | 91   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 54.63     |              | ug/L |   | 109  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 58.34     |              | ug/L |   | 117  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 57.87     |              | ug/L |   | 116  | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 55.31     |              | ug/L |   | 111  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 51.55     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 49.51     |              | ug/L |   | 99   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 52.77     |              | ug/L |   | 106  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 59.00     |              | ug/L |   | 118  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 54.96     |              | ug/L |   | 110  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 51.70     |              | ug/L |   | 103  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 58.89     |              | ug/L |   | 118  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115934-A-3 MS

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | <0.500        | U                | 50.0        | 35.40     |              | ug/L |   | 71   | 70 - 130    |
| 2-Butanone (MEK)                 | <8.28         | U                | 250         | 294.6     |              | ug/L |   | 118  | 67 - 140    |
| 2-Hexanone (MBK)                 | <5.00         | U                | 250         | 336.0     |              | ug/L |   | 134  | 60 - 140    |
| 2-Propanol                       | <5.23         | U                | 500         | 595.7     |              | ug/L |   | 119  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | <0.597        | U                | 50.0        | 60.30     |              | ug/L |   | 121  | 60 - 130    |
| 4-Methyl-2-pentanone             | <5.00         | U                | 250         | 332.9     |              | ug/L |   | 133  | 60 - 140    |
| Acetone                          | <3.07         | U                | 250         | 322.5     |              | ug/L |   | 129  | 60 - 140    |
| Acetonitrile                     | <14.6         | U                | 500         | 595.0     |              | ug/L |   | 119  | 60 - 140    |
| Acrolein                         | <11.1         | U                | 250         | 253.1     |              | ug/L |   | 101  | 60 - 140    |
| Acrylonitrile                    | <14.3         | U                | 500         | 572.5     |              | ug/L |   | 114  | 60 - 140    |
| alpha-Chlorotoluene              | <2.26         | U                | 50.0        | 36.54     |              | ug/L |   | 73   | 70 - 130    |
| Benzene                          | <0.460        | U                | 50.0        | 53.23     |              | ug/L |   | 106  | 70 - 130    |
| Bromodichloromethane             | <0.552        | U                | 50.0        | 56.59     |              | ug/L |   | 113  | 65 - 135    |
| Bromoform                        | <0.633        | U                | 50.0        | 57.51     |              | ug/L |   | 115  | 70 - 130    |
| Bromomethane                     | <1.42         | U                | 50.0        | 61.86     |              | ug/L |   | 124  | 49 - 140    |
| Carbon disulfide                 | <1.65         | U                | 50.0        | 61.52     |              | ug/L |   | 123  | 60 - 130    |
| Carbon tetrachloride             | <0.896        | U                | 50.0        | 50.56     |              | ug/L |   | 101  | 70 - 130    |
| Chlorobenzene                    | <0.455        | U                | 50.0        | 51.85     |              | ug/L |   | 104  | 65 - 135    |
| Chlorodibromomethane             | <0.547        | U                | 50.0        | 54.38     |              | ug/L |   | 109  | 70 - 130    |
| Chloroethane                     | <1.98         | U                | 50.0        | 56.82     |              | ug/L |   | 114  | 60 - 140    |
| Chloroform                       | <0.464        | U                | 50.0        | 55.28     |              | ug/L |   | 111  | 70 - 130    |
| Chloromethane                    | <2.04         | U                | 50.0        | 53.22     |              | ug/L |   | 106  | 60 - 140    |
| Chloroprene                      | <0.598        | U                | 50.0        | 56.11     |              | ug/L |   | 112  | 70 - 130    |
| cis-1,2-Dichloroethene           | <0.457        | U                | 50.0        | 54.38     |              | ug/L |   | 109  | 70 - 130    |
| cis-1,3-Dichloropropene          | <1.07         | U                | 50.0        | 54.71     |              | ug/L |   | 109  | 70 - 130    |
| Cumene (isopropylbenzene)        | <0.592        | U                | 50.0        | 56.68     |              | ug/L |   | 113  | 70 - 130    |
| Cyclohexane                      | <1.29         | U                | 50.0        | 43.31     |              | ug/L |   | 87   | 65 - 130    |
| Dibromomethane                   | <0.357        | U                | 50.0        | 55.96     |              | ug/L |   | 112  | 69 - 130    |
| Dichlorodifluoromethane          | <0.785        | U                | 50.0        | 50.98     |              | ug/L |   | 102  | 50 - 150    |
| Ethyl methacrylate               | <1.12         | U *+ F1          | 50.0        | 77.23     | F1           | ug/L |   | 154  | 70 - 130    |
| Ethylbenzene                     | <0.385        | U                | 50.0        | 52.65     |              | ug/L |   | 105  | 70 - 130    |
| Hexane                           | <0.517        | U                | 50.0        | 38.51     |              | ug/L |   | 77   | 65 - 140    |
| Iodomethane                      | <5.00         | U *+             | 50.0        | 68.62     |              | ug/L |   | 137  | 50 - 150    |
| Isobutanol                       | <17.1         | U                | 1240        | 1585      |              | ug/L |   | 128  | 60 - 140    |
| Methacrylonitrile                | <2.72         | U                | 500         | 549.8     |              | ug/L |   | 110  | 70 - 130    |
| Methyl methacrylate              | <2.25         | U                | 100         | 96.20     |              | ug/L |   | 96   | 70 - 130    |
| Methyl tert-butyl ether          | <1.39         | U                | 50.0        | 54.06     |              | ug/L |   | 108  | 70 - 135    |
| Methylene Chloride               | <1.73         | U                | 50.0        | 58.78     |              | ug/L |   | 118  | 71 - 125    |
| Propionitrile                    | <3.34         | U                | 500         | 587.9     |              | ug/L |   | 118  | 70 - 130    |
| Propylbenzene                    | <0.429        | U                | 50.0        | 49.67     |              | ug/L |   | 99   | 70 - 130    |
| Styrene                          | <0.619        | U                | 50.0        | 56.93     |              | ug/L |   | 114  | 70 - 130    |
| Tetrachloroethene                | <0.655        | U                | 50.0        | 49.26     |              | ug/L |   | 99   | 70 - 130    |
| Tetrahydrofuran                  | <1.83         | U                | 100         | 119.1     |              | ug/L |   | 119  | 63 - 130    |
| Toluene                          | <0.475        | U                | 50.0        | 50.92     |              | ug/L |   | 102  | 70 - 130    |
| trans-1,2-Dichloroethene         | <0.368        | U                | 50.0        | 62.45     |              | ug/L |   | 125  | 70 - 130    |
| trans-1,3-Dichloropropene        | <1.27         | U                | 50.0        | 56.42     |              | ug/L |   | 113  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | <1.35         | U                | 50.0        | 57.26     |              | ug/L |   | 115  | 70 - 130    |
| Trichloroethene                  | <1.50         | U                | 50.0        | 55.61     |              | ug/L |   | 111  | 70 - 135    |
| Trichlorofluoromethane           | <0.560        | U                | 50.0        | 48.50     |              | ug/L |   | 97   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115934-A-3 MS

Matrix: Water

Analysis Batch: 275429

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Vinyl acetate  | <2.14         | U                | 250         | 157.0     |              | ug/L |   | 63   | 50 - 150    |
| Vinyl chloride | <0.428        | U                | 50.0        | 58.17     |              | ug/L |   | 116  | 60 - 140    |
| Xylenes, Total | <1.24         | U                | 100         | 105.7     |              | ug/L |   | 106  | 70 - 130    |
| m,p-Xylenes    | <0.00124      | U                | 0.0500      | 0.05262   |              | mg/L |   | 105  | 70 - 130    |
| o-Xylene       | <0.000502     | U                | 0.0500      | 0.05304   |              | mg/L |   | 106  | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | MS Limits |
|------------------------------|--------------|--------------|-----------|
| 1,2-Dichloroethane-d4 (Surr) | 111          |              | 63 - 144  |
| 4-Bromofluorobenzene (Surr)  | 97           |              | 74 - 124  |
| Dibromofluoromethane (Surr)  | 104          |              | 75 - 131  |
| Toluene-d8 (Surr)            | 102          |              | 80 - 120  |

Lab Sample ID: MB 860-275621/9

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/13/25 17:28 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/13/25 17:28 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/13/25 17:28 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/13/25 17:28 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/13/25 17:28 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/13/25 17:28 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/13/25 17:28 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/13/25 17:28 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275621/9

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride        | <0.896    | U            | 2.00    | 0.896    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chlorobenzene               | <0.455    | U            | 1.00    | 0.455    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chlorodibromomethane        | <0.547    | U            | 5.00    | 0.547    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloroethane                | <1.98     | U            | 10.0    | 1.98     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloroform                  | <0.464    | U            | 1.00    | 0.464    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloromethane               | <2.04     | U            | 10.0    | 2.04     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Chloroprene                 | <0.598    | U            | 5.00    | 0.598    | ug/L |   |          | 11/13/25 17:28 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U            | 1.00    | 0.457    | ug/L |   |          | 11/13/25 17:28 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U            | 5.00    | 1.07     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U            | 1.00    | 0.592    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Cyclohexane                 | <1.29     | U            | 5.00    | 1.29     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Dibromomethane              | <0.357    | U            | 1.00    | 0.357    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Dichlorodifluoromethane     | <0.785    | U            | 1.00    | 0.785    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Ethyl methacrylate          | <1.12     | U            | 5.00    | 1.12     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Ethylbenzene                | <0.385    | U            | 1.00    | 0.385    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Hexane                      | <0.517    | U            | 5.00    | 0.517    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Iodomethane                 | <5.00     | U            | 20.0    | 5.00     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/13/25 17:28 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/13/25 17:28 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/13/25 17:28 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/13/25 17:28 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/13/25 17:28 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/13/25 17:28 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/13/25 17:28 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/13/25 17:28 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 104          |              | 63 - 144 |          | 11/13/25 17:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104          |              | 74 - 124 |          | 11/13/25 17:28 | 1       |
| Dibromofluoromethane (Surr)  | 124          |              | 75 - 131 |          | 11/13/25 17:28 | 1       |
| Toluene-d8 (Surr)            | 104          |              | 80 - 120 |          | 11/13/25 17:28 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275621/3

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 44.04      |               | ug/L |   | 88   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 53.88      |               | ug/L |   | 108  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 50.58      |               | ug/L |   | 101  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 49.01      |               | ug/L |   | 98   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 46.25      |               | ug/L |   | 93   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 56.24      |               | ug/L |   | 112  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 42.71      |               | ug/L |   | 85   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 51.64      |               | ug/L |   | 103  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 44.23      |               | ug/L |   | 88   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 56.31      |               | ug/L |   | 113  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 46.41      |               | ug/L |   | 93   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 44.56      |               | ug/L |   | 89   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 45.97      |               | ug/L |   | 92   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 43.38      |               | ug/L |   | 87   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 61.29      |               | ug/L |   | 123  | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 46.81      |               | ug/L |   | 94   | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 348.9      |               | ug/L |   | 140  | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 287.0      |               | ug/L |   | 115  | 60 - 140    |
| 2-Propanol                            | 500         | 447.1      |               | ug/L |   | 89   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 53.07      |               | ug/L |   | 106  | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 298.0      |               | ug/L |   | 119  | 60 - 140    |
| Acetone                               | 250         | 247.3      |               | ug/L |   | 99   | 60 - 140    |
| Acetonitrile                          | 500         | 530.7      |               | ug/L |   | 106  | 60 - 140    |
| Acrolein                              | 250         | 201.3      |               | ug/L |   | 81   | 60 - 140    |
| Acrylonitrile                         | 500         | 594.7      |               | ug/L |   | 119  | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 58.21      |               | ug/L |   | 116  | 70 - 130    |
| Benzene                               | 50.0        | 46.94      |               | ug/L |   | 94   | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 47.75      |               | ug/L |   | 95   | 65 - 135    |
| Bromoform                             | 50.0        | 51.90      |               | ug/L |   | 104  | 70 - 130    |
| Bromomethane                          | 50.0        | 53.50      |               | ug/L |   | 107  | 49 - 140    |
| Carbon disulfide                      | 50.0        | 48.74      |               | ug/L |   | 97   | 60 - 130    |
| Carbon tetrachloride                  | 50.0        | 56.06      |               | ug/L |   | 112  | 70 - 130    |
| Chlorobenzene                         | 50.0        | 43.09      |               | ug/L |   | 86   | 65 - 135    |
| Chlorodibromomethane                  | 50.0        | 46.24      |               | ug/L |   | 92   | 70 - 130    |
| Chloroethane                          | 50.0        | 51.10      |               | ug/L |   | 102  | 60 - 140    |
| Chloroform                            | 50.0        | 54.08      |               | ug/L |   | 108  | 70 - 130    |
| Chloromethane                         | 50.0        | 46.63      |               | ug/L |   | 93   | 60 - 140    |
| Chloroprene                           | 50.0        | 55.97      |               | ug/L |   | 112  | 70 - 130    |
| cis-1,2-Dichloroethene                | 50.0        | 55.75      |               | ug/L |   | 111  | 70 - 130    |
| cis-1,3-Dichloropropene               | 50.0        | 50.95      |               | ug/L |   | 102  | 70 - 130    |
| Cumene (isopropylbenzene)             | 50.0        | 47.85      |               | ug/L |   | 96   | 70 - 130    |
| Cyclohexane                           | 50.0        | 56.86      |               | ug/L |   | 114  | 65 - 130    |
| Dibromomethane                        | 50.0        | 52.99      |               | ug/L |   | 106  | 69 - 130    |
| Dichlorodifluoromethane               | 50.0        | 61.78      |               | ug/L |   | 124  | 50 - 150    |
| Ethyl methacrylate                    | 50.0        | 71.11      | *+            | ug/L |   | 142  | 70 - 130    |
| Ethylbenzene                          | 50.0        | 43.73      |               | ug/L |   | 87   | 70 - 130    |
| Hexane                                | 50.0        | 51.31      |               | ug/L |   | 103  | 65 - 140    |
| Iodomethane                           | 50.0        | 62.92      |               | ug/L |   | 126  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275621/3

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Isobutanol                  | 1240        | 1502       |               | ug/L |   | 121  | 60 - 140    |
| Methacrylonitrile           | 500         | 650.0      |               | ug/L |   | 130  | 70 - 130    |
| Methyl methacrylate         | 100         | 101.9      |               | ug/L |   | 102  | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 49.42      |               | ug/L |   | 99   | 70 - 135    |
| Methylene Chloride          | 50.0        | 46.43      |               | ug/L |   | 93   | 71 - 125    |
| Propionitrile               | 500         | 715.1      | *+            | ug/L |   | 143  | 70 - 130    |
| Propylbenzene               | 50.0        | 43.78      |               | ug/L |   | 88   | 70 - 130    |
| Styrene                     | 50.0        | 47.35      |               | ug/L |   | 95   | 70 - 130    |
| Tetrachloroethene           | 50.0        | 42.41      |               | ug/L |   | 85   | 70 - 130    |
| Tetrahydrofuran             | 100         | 110.1      |               | ug/L |   | 110  | 63 - 130    |
| Toluene                     | 50.0        | 41.95      |               | ug/L |   | 84   | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 48.15      |               | ug/L |   | 96   | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 50.33      |               | ug/L |   | 101  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 58.51      |               | ug/L |   | 117  | 70 - 130    |
| Trichloroethene             | 50.0        | 46.38      |               | ug/L |   | 93   | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 45.55      |               | ug/L |   | 91   | 60 - 140    |
| Vinyl acetate               | 250         | 368.8      |               | ug/L |   | 148  | 50 - 150    |
| Vinyl chloride              | 50.0        | 54.20      |               | ug/L |   | 108  | 60 - 140    |
| Xylenes, Total              | 100         | 87.64      |               | ug/L |   | 88   | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.04443    |               | mg/L |   | 89   | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.04321    |               | mg/L |   | 86   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 123           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120 |

Lab Sample ID: LCSD 860-275621/4

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 45.43       |                | ug/L |   | 91   | 70 - 130    | 3   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 54.08       |                | ug/L |   | 108  | 70 - 130    | 0   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 51.02       |                | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 49.93       |                | ug/L |   | 100  | 60 - 140    | 2   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 48.16       |                | ug/L |   | 96   | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 58.10       |                | ug/L |   | 116  | 70 - 130    | 3   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 47.17       |                | ug/L |   | 94   | 67 - 130    | 10  | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 52.94       |                | ug/L |   | 106  | 70 - 130    | 2   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 45.05       |                | ug/L |   | 90   | 70 - 130    | 2   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 56.06       |                | ug/L |   | 112  | 59 - 130    | 0   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 48.07       |                | ug/L |   | 96   | 70 - 130    | 4   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 45.49       |                | ug/L |   | 91   | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 49.47       |                | ug/L |   | 99   | 70 - 130    | 7   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 44.85       |                | ug/L |   | 90   | 70 - 130    | 3   | 25        |
| 1,3-Butadiene                         | 50.0        | 66.03       |                | ug/L |   | 132  | 60 - 150    | 7   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275621/4

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | 50.0        | 46.38       |                | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| 2-Butanone (MEK)                 | 250         | 351.4       | *+             | ug/L |   | 141  | 67 - 140    | 1   | 25        |
| 2-Hexanone (MBK)                 | 250         | 289.8       |                | ug/L |   | 116  | 60 - 140    | 1   | 25        |
| 2-Propanol                       | 500         | 471.8       |                | ug/L |   | 94   | 50 - 150    | 5   | 25        |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 53.93       |                | ug/L |   | 108  | 60 - 130    | 2   | 25        |
| 4-Methyl-2-pentanone             | 250         | 305.4       |                | ug/L |   | 122  | 60 - 140    | 2   | 25        |
| Acetone                          | 250         | 279.2       |                | ug/L |   | 112  | 60 - 140    | 12  | 25        |
| Acetonitrile                     | 500         | 539.3       |                | ug/L |   | 108  | 60 - 140    | 2   | 25        |
| Acrolein                         | 250         | 205.5       |                | ug/L |   | 82   | 60 - 140    | 2   | 25        |
| Acrylonitrile                    | 500         | 592.0       |                | ug/L |   | 118  | 60 - 140    | 0   | 25        |
| alpha-Chlorotoluene              | 50.0        | 58.85       |                | ug/L |   | 118  | 70 - 130    | 1   | 25        |
| Benzene                          | 50.0        | 48.36       |                | ug/L |   | 97   | 70 - 130    | 3   | 25        |
| Bromodichloromethane             | 50.0        | 49.28       |                | ug/L |   | 99   | 65 - 135    | 3   | 25        |
| Bromoform                        | 50.0        | 52.57       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| Bromomethane                     | 50.0        | 57.99       |                | ug/L |   | 116  | 49 - 140    | 8   | 25        |
| Carbon disulfide                 | 50.0        | 49.42       |                | ug/L |   | 99   | 60 - 130    | 1   | 25        |
| Carbon tetrachloride             | 50.0        | 52.43       |                | ug/L |   | 105  | 70 - 130    | 7   | 25        |
| Chlorobenzene                    | 50.0        | 43.79       |                | ug/L |   | 88   | 65 - 135    | 2   | 25        |
| Chlorodibromomethane             | 50.0        | 47.57       |                | ug/L |   | 95   | 70 - 130    | 3   | 25        |
| Chloroethane                     | 50.0        | 52.62       |                | ug/L |   | 105  | 60 - 140    | 3   | 25        |
| Chloroform                       | 50.0        | 55.30       |                | ug/L |   | 111  | 70 - 130    | 2   | 25        |
| Chloromethane                    | 50.0        | 49.63       |                | ug/L |   | 99   | 60 - 140    | 6   | 25        |
| Chloroprene                      | 50.0        | 58.04       |                | ug/L |   | 116  | 70 - 130    | 4   | 25        |
| cis-1,2-Dichloroethene           | 50.0        | 58.25       |                | ug/L |   | 116  | 70 - 130    | 4   | 25        |
| cis-1,3-Dichloropropene          | 50.0        | 52.14       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)        | 50.0        | 49.03       |                | ug/L |   | 98   | 70 - 130    | 2   | 25        |
| Cyclohexane                      | 50.0        | 57.14       |                | ug/L |   | 114  | 65 - 130    | 0   | 25        |
| Dibromomethane                   | 50.0        | 52.25       |                | ug/L |   | 105  | 69 - 130    | 1   | 25        |
| Dichlorodifluoromethane          | 50.0        | 66.20       |                | ug/L |   | 132  | 50 - 150    | 7   | 25        |
| Ethyl methacrylate               | 50.0        | 74.92       | *+             | ug/L |   | 150  | 70 - 130    | 5   | 25        |
| Ethylbenzene                     | 50.0        | 44.58       |                | ug/L |   | 89   | 70 - 130    | 2   | 25        |
| Hexane                           | 50.0        | 52.42       |                | ug/L |   | 105  | 65 - 140    | 2   | 25        |
| Iodomethane                      | 50.0        | 69.05       |                | ug/L |   | 138  | 50 - 150    | 9   | 25        |
| Isobutanol                       | 1240        | 1515        |                | ug/L |   | 122  | 60 - 140    | 1   | 25        |
| Methacrylonitrile                | 500         | 660.6       | *+             | ug/L |   | 132  | 70 - 130    | 2   | 25        |
| Methyl methacrylate              | 100         | 101.6       |                | ug/L |   | 102  | 70 - 130    | 0   | 25        |
| Methyl tert-butyl ether          | 50.0        | 49.27       |                | ug/L |   | 99   | 70 - 135    | 0   | 25        |
| Methylene Chloride               | 50.0        | 50.97       |                | ug/L |   | 102  | 71 - 125    | 9   | 25        |
| Propionitrile                    | 500         | 734.4       | *+             | ug/L |   | 147  | 70 - 130    | 3   | 25        |
| Propylbenzene                    | 50.0        | 44.93       |                | ug/L |   | 90   | 70 - 130    | 3   | 25        |
| Styrene                          | 50.0        | 48.44       |                | ug/L |   | 97   | 70 - 130    | 2   | 25        |
| Tetrachloroethene                | 50.0        | 43.31       |                | ug/L |   | 87   | 70 - 130    | 2   | 25        |
| Tetrahydrofuran                  | 100         | 131.1       | *+             | ug/L |   | 131  | 63 - 130    | 17  | 25        |
| Toluene                          | 50.0        | 42.37       |                | ug/L |   | 85   | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene         | 50.0        | 49.67       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| trans-1,3-Dichloropropene        | 50.0        | 51.51       |                | ug/L |   | 103  | 70 - 130    | 2   | 25        |
| trans-1,4-Dichloro-2-butene      | 50.0        | 56.84       |                | ug/L |   | 114  | 70 - 130    | 3   | 25        |
| Trichloroethene                  | 50.0        | 47.76       |                | ug/L |   | 96   | 70 - 135    | 3   | 25        |
| Trichlorofluoromethane           | 50.0        | 49.22       |                | ug/L |   | 98   | 60 - 140    | 8   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275621/4

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | 250         | 371.6       |                | ug/L |   | 149  | 50 - 150    | 1   | 25        |
| Vinyl chloride | 50.0        | 59.70       |                | ug/L |   | 119  | 60 - 140    | 10  | 25        |
| Xylenes, Total | 100         | 89.93       |                | ug/L |   | 90   | 70 - 130    | 3   | 25        |
| m,p-Xylenes    | 0.0500      | 0.04549     |                | mg/L |   | 91   | 70 - 130    | 2   | 25        |
| o-Xylene       | 0.0500      | 0.04444     |                | mg/L |   | 89   | 70 - 130    | 3   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 96             |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 123            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 100            |                | 80 - 120 |

Lab Sample ID: 860-115960-B-3 MS

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <6.44         | U                | 500         | 410.0     |              | ug/L |   | 82   | 70 - 130    |
| 1,1,1-Trichloroethane                 | <5.85         | U                | 500         | 463.1     |              | ug/L |   | 93   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <4.70         | U                | 500         | 471.4     |              | ug/L |   | 94   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1         | U                | 500         | 410.0     |              | ug/L |   | 82   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <4.11         | U                | 500         | 447.7     |              | ug/L |   | 90   | 70 - 130    |
| 1,1-Dichloroethane                    | <6.35         | U                | 500         | 505.4     |              | ug/L |   | 101  | 70 - 130    |
| 1,1-Dichloroethene                    | <7.38         | U                | 500         | 397.0     |              | ug/L |   | 79   | 67 - 130    |
| 1,2,3-Trichloropropane                | <4.70         | U                | 500         | 502.8     |              | ug/L |   | 101  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <4.17         | U                | 500         | 397.5     |              | ug/L |   | 79   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <6.71         | U                | 500         | 530.7     |              | ug/L |   | 106  | 59 - 130    |
| 1,2-Dibromoethane                     | <9.99         | U                | 500         | 453.6     |              | ug/L |   | 91   | 70 - 130    |
| 1,2-Dichloroethane                    | <3.72         | U                | 500         | 428.1     |              | ug/L |   | 86   | 70 - 130    |
| 1,2-Dichloropropane                   | <5.56         | U                | 500         | 450.9     |              | ug/L |   | 90   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <4.11         | U                | 500         | 391.8     |              | ug/L |   | 78   | 70 - 130    |
| 1,3-Butadiene                         | <5.68         | U                | 500         | 647.5     |              | ug/L |   | 129  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <5.00         | U                | 500         | 429.1     |              | ug/L |   | 86   | 70 - 130    |
| 2-Butanone (MEK)                      | <82.8         | U *              | 2500        | 3414      |              | ug/L |   | 137  | 67 - 140    |
| 2-Hexanone (MBK)                      | <50.0         | U                | 2500        | 2796      |              | ug/L |   | 112  | 60 - 140    |
| 2-Propanol                            | <52.3         | U                | 5000        | 4126      |              | ug/L |   | 83   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <5.97         | U                | 500         | 519.2     |              | ug/L |   | 104  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <50.0         | U                | 2500        | 2932      |              | ug/L |   | 117  | 60 - 140    |
| Acetone                               | <30.7         | U                | 2500        | 2362      |              | ug/L |   | 94   | 60 - 140    |
| Acetonitrile                          | <146          | U                | 5000        | 5192      |              | ug/L |   | 104  | 60 - 140    |
| Acrolein                              | <111          | U F1             | 2500        | 811.5     | F1           | ug/L |   | 32   | 60 - 140    |
| Acrylonitrile                         | <143          | U                | 5000        | 5940      |              | ug/L |   | 119  | 60 - 140    |
| alpha-Chlorotoluene                   | <22.6         | U                | 500         | 529.6     |              | ug/L |   | 106  | 70 - 130    |
| Benzene                               | <4.60         | U                | 500         | 429.4     |              | ug/L |   | 86   | 70 - 130    |
| Bromodichloromethane                  | <5.52         | U                | 500         | 444.5     |              | ug/L |   | 89   | 65 - 135    |
| Bromoform                             | <6.33         | U                | 500         | 497.9     |              | ug/L |   | 100  | 70 - 130    |
| Bromomethane                          | <14.2         | U                | 500         | 541.9     |              | ug/L |   | 108  | 49 - 140    |
| Carbon disulfide                      | <16.5         | U                | 500         | 429.7     |              | ug/L |   | 86   | 60 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115960-B-3 MS

Matrix: Water

Analysis Batch: 275621

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Carbon tetrachloride        | <8.96         | U                | 500         | 463.8     |              | ug/L |   | 93   | 70 - 130    |
| Chlorobenzene               | <4.55         | U                | 500         | 393.0     |              | ug/L |   | 79   | 65 - 135    |
| Chlorodibromomethane        | <5.47         | U                | 500         | 433.3     |              | ug/L |   | 87   | 70 - 130    |
| Chloroethane                | <19.8         | U                | 500         | 541.3     |              | ug/L |   | 108  | 60 - 140    |
| Chloroform                  | <4.64         | U                | 500         | 483.6     |              | ug/L |   | 97   | 70 - 130    |
| Chloromethane               | <20.4         | U                | 500         | 489.0     |              | ug/L |   | 98   | 60 - 140    |
| Chloroprene                 | <5.98         | U                | 500         | 458.4     |              | ug/L |   | 92   | 70 - 130    |
| cis-1,2-Dichloroethene      | 17.5          |                  | 500         | 506.6     |              | ug/L |   | 98   | 70 - 130    |
| cis-1,3-Dichloropropene     | <10.7         | U                | 500         | 458.9     |              | ug/L |   | 92   | 70 - 130    |
| Cumene (isopropylbenzene)   | <5.92         | U                | 500         | 440.8     |              | ug/L |   | 88   | 70 - 130    |
| Cyclohexane                 | <12.9         | U                | 500         | 505.2     |              | ug/L |   | 101  | 65 - 130    |
| Dibromomethane              | <3.57         | U                | 500         | 487.3     |              | ug/L |   | 97   | 69 - 130    |
| Dichlorodifluoromethane     | <7.85         | U                | 500         | 677.8     |              | ug/L |   | 136  | 50 - 150    |
| Ethyl methacrylate          | <11.2         | U *+ F1          | 500         | 727.7     | F1           | ug/L |   | 146  | 70 - 130    |
| Ethylbenzene                | <3.85         | U                | 500         | 400.0     |              | ug/L |   | 80   | 70 - 130    |
| Hexane                      | <5.17         | U                | 500         | 469.6     |              | ug/L |   | 94   | 65 - 140    |
| Iodomethane                 | <50.0         | U                | 500         | 582.4     |              | ug/L |   | 116  | 50 - 150    |
| Isobutanol                  | <171          | U                | 12400       | 14810     |              | ug/L |   | 119  | 60 - 140    |
| Methacrylonitrile           | <27.2         | U *+             | 5000        | 6397      |              | ug/L |   | 128  | 70 - 130    |
| Methyl methacrylate         | <22.5         | U                | 1000        | 975.1     |              | ug/L |   | 98   | 70 - 130    |
| Methyl tert-butyl ether     | <13.9         | U                | 500         | 461.2     |              | ug/L |   | 92   | 70 - 135    |
| Methylene Chloride          | <17.3         | U                | 500         | 426.4     |              | ug/L |   | 85   | 71 - 125    |
| Propionitrile               | <33.4         | U *+ F1          | 5000        | 7100      | F1           | ug/L |   | 142  | 70 - 130    |
| Propylbenzene               | <4.29         | U                | 500         | 401.4     |              | ug/L |   | 80   | 70 - 130    |
| Styrene                     | <6.19         | U                | 500         | 432.7     |              | ug/L |   | 87   | 70 - 130    |
| Tetrachloroethene           | <6.55         | U                | 500         | 388.8     |              | ug/L |   | 78   | 70 - 130    |
| Tetrahydrofuran             | <18.3         | U *+ F1          | 1000        | 1337      | F1           | ug/L |   | 134  | 63 - 130    |
| Toluene                     | <4.75         | U                | 500         | 379.3     |              | ug/L |   | 76   | 70 - 130    |
| trans-1,2-Dichloroethene    | <3.68         | U                | 500         | 433.5     |              | ug/L |   | 87   | 70 - 130    |
| trans-1,3-Dichloropropene   | <12.7         | U                | 500         | 461.1     |              | ug/L |   | 92   | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <13.5         | U                | 500         | 520.9     |              | ug/L |   | 104  | 70 - 130    |
| Trichloroethene             | 401           |                  | 500         | 805.6     |              | ug/L |   | 81   | 70 - 135    |
| Trichlorofluoromethane      | <5.60         | U                | 500         | 467.6     |              | ug/L |   | 94   | 60 - 140    |
| Vinyl acetate               | <21.4         | U                | 2500        | 3539      |              | ug/L |   | 142  | 50 - 150    |
| Vinyl chloride              | <4.28         | U                | 500         | 582.5     |              | ug/L |   | 116  | 60 - 140    |
| Xylenes, Total              | <12.4         | U                | 1000        | 801.9     |              | ug/L |   | 80   | 70 - 130    |
| m,p-Xylenes                 | <0.0124       | U                | 0.500       | 0.4069    |              | mg/L |   | 81   | 70 - 130    |
| o-Xylene                    | <0.00502      | U                | 0.500       | 0.3950    |              | mg/L |   | 79   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95           |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103          |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 123          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 99           |              | 80 - 120 |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275893/7

Matrix: Water

Analysis Batch: 275893

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/14/25 14:27 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/14/25 14:27 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/14/25 14:27 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/14/25 14:27 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/14/25 14:27 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/14/25 14:27 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/14/25 14:27 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/14/25 14:27 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/14/25 14:27 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/14/25 14:27 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-275893/7

Matrix: Water

Analysis Batch: 275893

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/14/25 14:27 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/14/25 14:27 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/14/25 14:27 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/14/25 14:27 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/14/25 14:27 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/14/25 14:27 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/14/25 14:27 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/14/25 14:27 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/14/25 14:27 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/14/25 14:27 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/14/25 14:27 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/14/25 14:27 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101          |              | 63 - 144 |          | 11/14/25 14:27 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94           |              | 74 - 124 |          | 11/14/25 14:27 | 1       |
| Dibromofluoromethane (Surr)  | 115          |              | 75 - 131 |          | 11/14/25 14:27 | 1       |
| Toluene-d8 (Surr)            | 107          |              | 80 - 120 |          | 11/14/25 14:27 | 1       |

Lab Sample ID: LCS 860-275893/31

Matrix: Water

Analysis Batch: 275893

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 50.49      |               | ug/L |   | 101  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 57.15      |               | ug/L |   | 114  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 41.55      |               | ug/L |   | 83   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 50.51      |               | ug/L |   | 101  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 50.84      |               | ug/L |   | 102  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 52.70      |               | ug/L |   | 105  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 51.96      |               | ug/L |   | 104  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 39.60      |               | ug/L |   | 79   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 49.03      |               | ug/L |   | 98   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 44.40      |               | ug/L |   | 89   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 47.45      |               | ug/L |   | 95   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 47.34      |               | ug/L |   | 95   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 47.50      |               | ug/L |   | 95   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.63      |               | ug/L |   | 95   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 44.62      |               | ug/L |   | 89   | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275893/31

Matrix: Water

Analysis Batch: 275893

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane      | 50.0        | 43.61      |               | ug/L |   | 87   | 70 - 130    |
| 2-Butanone (MEK)            | 250         | 212.6      |               | ug/L |   | 85   | 67 - 140    |
| 2-Hexanone (MBK)            | 250         | 170.0      |               | ug/L |   | 68   | 60 - 140    |
| 2-Propanol                  | 500         | 455.5      |               | ug/L |   | 91   | 50 - 150    |
| Acetone                     | 250         | 236.4      |               | ug/L |   | 95   | 60 - 140    |
| Acetonitrile                | 500         | 561.1      |               | ug/L |   | 112  | 60 - 140    |
| Acrolein                    | 250         | 230.1      |               | ug/L |   | 92   | 60 - 140    |
| Acrylonitrile               | 500         | 476.7      |               | ug/L |   | 95   | 60 - 140    |
| alpha-Chlorotoluene         | 50.0        | 54.71      |               | ug/L |   | 109  | 70 - 130    |
| Benzene                     | 50.0        | 46.93      |               | ug/L |   | 94   | 70 - 130    |
| Bromodichloromethane        | 50.0        | 48.34      |               | ug/L |   | 97   | 65 - 135    |
| Bromoform                   | 50.0        | 44.97      |               | ug/L |   | 90   | 70 - 130    |
| Bromomethane                | 50.0        | 29.33      |               | ug/L |   | 59   | 49 - 140    |
| Carbon disulfide            | 50.0        | 52.46      |               | ug/L |   | 105  | 60 - 130    |
| Carbon tetrachloride        | 50.0        | 55.23      |               | ug/L |   | 110  | 70 - 130    |
| Chlorobenzene               | 50.0        | 46.56      |               | ug/L |   | 93   | 65 - 135    |
| Chlorodibromomethane        | 50.0        | 51.79      |               | ug/L |   | 104  | 70 - 130    |
| Chloroethane                | 50.0        | 44.72      |               | ug/L |   | 89   | 60 - 140    |
| Chloroform                  | 50.0        | 56.08      |               | ug/L |   | 112  | 70 - 130    |
| Chloromethane               | 50.0        | 55.64      |               | ug/L |   | 111  | 60 - 140    |
| Chloroprene                 | 50.0        | 56.39      |               | ug/L |   | 113  | 70 - 130    |
| cis-1,2-Dichloroethene      | 50.0        | 53.28      |               | ug/L |   | 107  | 70 - 130    |
| cis-1,3-Dichloropropene     | 50.0        | 47.61      |               | ug/L |   | 95   | 70 - 130    |
| Cumene (isopropylbenzene)   | 50.0        | 46.35      |               | ug/L |   | 93   | 70 - 130    |
| Cyclohexane                 | 50.0        | 54.54      |               | ug/L |   | 109  | 65 - 130    |
| Dibromomethane              | 50.0        | 48.15      |               | ug/L |   | 96   | 69 - 130    |
| Dichlorodifluoromethane     | 50.0        | 32.26      |               | ug/L |   | 65   | 50 - 150    |
| Ethylbenzene                | 50.0        | 46.73      |               | ug/L |   | 93   | 70 - 130    |
| Hexane                      | 50.0        | 47.54      |               | ug/L |   | 95   | 65 - 140    |
| Iodomethane                 | 50.0        | 38.78      |               | ug/L |   | 78   | 50 - 150    |
| Methacrylonitrile           | 500         | 498.8      |               | ug/L |   | 100  | 70 - 130    |
| Methyl methacrylate         | 100         | 71.85      |               | ug/L |   | 72   | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 49.32      |               | ug/L |   | 99   | 70 - 135    |
| Methylene Chloride          | 50.0        | 51.34      |               | ug/L |   | 103  | 71 - 125    |
| Propionitrile               | 500         | 491.6      |               | ug/L |   | 98   | 70 - 130    |
| Propylbenzene               | 50.0        | 45.93      |               | ug/L |   | 92   | 70 - 130    |
| Styrene                     | 50.0        | 49.28      |               | ug/L |   | 99   | 70 - 130    |
| Tetrachloroethene           | 50.0        | 46.51      |               | ug/L |   | 93   | 70 - 130    |
| Tetrahydrofuran             | 100         | 87.56      |               | ug/L |   | 88   | 63 - 130    |
| Toluene                     | 50.0        | 47.02      |               | ug/L |   | 94   | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 54.69      |               | ug/L |   | 109  | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 52.18      |               | ug/L |   | 104  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 42.99      |               | ug/L |   | 86   | 70 - 130    |
| Trichloroethene             | 50.0        | 48.01      |               | ug/L |   | 96   | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 48.08      |               | ug/L |   | 96   | 60 - 140    |
| Vinyl acetate               | 250         | 297.2      |               | ug/L |   | 119  | 50 - 150    |
| Vinyl chloride              | 50.0        | 42.81      |               | ug/L |   | 86   | 60 - 140    |
| Xylenes, Total              | 100         | 93.43      |               | ug/L |   | 93   | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.04603    |               | mg/L |   | 92   | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-275893/31

Matrix: Water

Analysis Batch: 275893

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| o-Xylene | 0.0500      | 0.04740    |               | mg/L |   | 95   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 102           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 93            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 118           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 105           |               | 80 - 120 |

Lab Sample ID: LCSD 860-275893/4

Matrix: Water

Analysis Batch: 275893

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 53.76       |                | ug/L |   | 108  | 70 - 130    | 6   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 63.43       |                | ug/L |   | 127  | 70 - 130    | 10  | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 43.91       |                | ug/L |   | 88   | 70 - 130    | 6   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 58.54       |                | ug/L |   | 117  | 60 - 140    | 15  | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 54.03       |                | ug/L |   | 108  | 70 - 130    | 6   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 58.86       |                | ug/L |   | 118  | 70 - 130    | 11  | 25        |
| 1,1-Dichloroethene                    | 50.0        | 57.47       |                | ug/L |   | 115  | 67 - 130    | 10  | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 41.27       |                | ug/L |   | 83   | 70 - 130    | 4   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 54.07       |                | ug/L |   | 108  | 70 - 130    | 10  | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 41.45       |                | ug/L |   | 83   | 59 - 130    | 7   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 51.24       |                | ug/L |   | 102  | 70 - 130    | 8   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 50.66       |                | ug/L |   | 101  | 70 - 130    | 7   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 53.00       |                | ug/L |   | 106  | 70 - 130    | 11  | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 53.01       |                | ug/L |   | 106  | 70 - 130    | 11  | 25        |
| 1,3-Butadiene                         | 50.0        | 43.78       |                | ug/L |   | 88   | 60 - 150    | 2   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 47.25       |                | ug/L |   | 94   | 70 - 130    | 8   | 25        |
| 2-Butanone (MEK)                      | 250         | 217.7       |                | ug/L |   | 87   | 67 - 140    | 2   | 25        |
| 2-Hexanone (MBK)                      | 250         | 162.8       |                | ug/L |   | 65   | 60 - 140    | 4   | 25        |
| 2-Propanol                            | 500         | 390.0       |                | ug/L |   | 78   | 50 - 150    | 15  | 25        |
| Acetone                               | 250         | 254.4       |                | ug/L |   | 102  | 60 - 140    | 7   | 25        |
| Acetonitrile                          | 500         | 576.0       |                | ug/L |   | 115  | 60 - 140    | 3   | 25        |
| Acrolein                              | 250         | 221.6       |                | ug/L |   | 89   | 60 - 140    | 4   | 25        |
| Acrylonitrile                         | 500         | 480.6       |                | ug/L |   | 96   | 60 - 140    | 1   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 59.64       |                | ug/L |   | 119  | 70 - 130    | 9   | 25        |
| Benzene                               | 50.0        | 51.67       |                | ug/L |   | 103  | 70 - 130    | 10  | 25        |
| Bromodichloromethane                  | 50.0        | 52.71       |                | ug/L |   | 105  | 65 - 135    | 9   | 25        |
| Bromoform                             | 50.0        | 47.47       |                | ug/L |   | 95   | 70 - 130    | 5   | 25        |
| Bromomethane                          | 50.0        | 33.22       |                | ug/L |   | 66   | 49 - 140    | 12  | 25        |
| Carbon disulfide                      | 50.0        | 58.11       |                | ug/L |   | 116  | 60 - 130    | 10  | 25        |
| Carbon tetrachloride                  | 50.0        | 60.86       |                | ug/L |   | 122  | 70 - 130    | 10  | 25        |
| Chlorobenzene                         | 50.0        | 50.30       |                | ug/L |   | 101  | 65 - 135    | 8   | 25        |
| Chlorodibromomethane                  | 50.0        | 54.78       |                | ug/L |   | 110  | 70 - 130    | 6   | 25        |
| Chloroethane                          | 50.0        | 46.54       |                | ug/L |   | 93   | 60 - 140    | 4   | 25        |
| Chloroform                            | 50.0        | 61.92       |                | ug/L |   | 124  | 70 - 130    | 10  | 25        |
| Chloromethane                         | 50.0        | 53.50       |                | ug/L |   | 107  | 60 - 140    | 4   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-275893/4

Matrix: Water

Analysis Batch: 275893

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Chloroprene                 | 50.0        | 64.04       |                | ug/L |   | 128  | 70 - 130    | 13  | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 61.18       |                | ug/L |   | 122  | 70 - 130    | 14  | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 52.13       |                | ug/L |   | 104  | 70 - 130    | 9   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 51.70       |                | ug/L |   | 103  | 70 - 130    | 11  | 25        |
| Cyclohexane                 | 50.0        | 64.67       |                | ug/L |   | 129  | 65 - 130    | 17  | 25        |
| Dibromomethane              | 50.0        | 50.89       |                | ug/L |   | 102  | 69 - 130    | 6   | 25        |
| Dichlorodifluoromethane     | 50.0        | 29.16       |                | ug/L |   | 58   | 50 - 150    | 10  | 25        |
| Ethylbenzene                | 50.0        | 51.40       |                | ug/L |   | 103  | 70 - 130    | 10  | 25        |
| Hexane                      | 50.0        | 53.30       |                | ug/L |   | 107  | 65 - 140    | 11  | 25        |
| Iodomethane                 | 50.0        | 44.63       |                | ug/L |   | 89   | 50 - 150    | 14  | 25        |
| Methacrylonitrile           | 500         | 504.9       |                | ug/L |   | 101  | 70 - 130    | 1   | 25        |
| Methyl methacrylate         | 100         | 71.95       |                | ug/L |   | 72   | 70 - 130    | 0   | 25        |
| Methyl tert-butyl ether     | 50.0        | 53.38       |                | ug/L |   | 107  | 70 - 135    | 8   | 25        |
| Methylene Chloride          | 50.0        | 58.76       |                | ug/L |   | 118  | 71 - 125    | 13  | 25        |
| Propionitrile               | 500         | 494.1       |                | ug/L |   | 99   | 70 - 130    | 1   | 25        |
| Propylbenzene               | 50.0        | 50.80       |                | ug/L |   | 102  | 70 - 130    | 10  | 25        |
| Styrene                     | 50.0        | 53.58       |                | ug/L |   | 107  | 70 - 130    | 8   | 25        |
| Tetrachloroethene           | 50.0        | 52.40       |                | ug/L |   | 105  | 70 - 130    | 12  | 25        |
| Tetrahydrofuran             | 100         | 86.42       |                | ug/L |   | 86   | 63 - 130    | 1   | 25        |
| Toluene                     | 50.0        | 50.36       |                | ug/L |   | 101  | 70 - 130    | 7   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 59.27       |                | ug/L |   | 119  | 70 - 130    | 8   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 57.08       |                | ug/L |   | 114  | 70 - 130    | 9   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 42.88       |                | ug/L |   | 86   | 70 - 130    | 0   | 25        |
| Trichloroethene             | 50.0        | 52.45       |                | ug/L |   | 105  | 70 - 135    | 9   | 25        |
| Trichlorofluoromethane      | 50.0        | 49.26       |                | ug/L |   | 99   | 60 - 140    | 2   | 25        |
| Vinyl acetate               | 250         | 334.6       |                | ug/L |   | 134  | 50 - 150    | 12  | 25        |
| Vinyl chloride              | 50.0        | 40.27       |                | ug/L |   | 81   | 60 - 140    | 6   | 25        |
| Xylenes, Total              | 100         | 101.5       |                | ug/L |   | 102  | 70 - 130    | 8   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05048     |                | mg/L |   | 101  | 70 - 130    | 9   | 25        |
| o-Xylene                    | 0.0500      | 0.05104     |                | mg/L |   | 102  | 70 - 130    | 7   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 105            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 97             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 122            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 105            |                | 80 - 120 |

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 860-116043-8 MS

Matrix: Water

Analysis Batch: 275893

Client Sample ID: MW-26-S

Prep Type: Total/NA

| Analyte                                    | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane - DL             | <1290         | U                | 100000      | 117000    |              | ug/L |   | 117  | 70 - 130    |
| 1,1,1-Trichloroethane - DL                 | <1170         | U F1             | 100000      | 138200    | F1           | ug/L |   | 138  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane - DL             | <940          | U                | 100000      | 93540     |              | ug/L |   | 94   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane - DL | <2220         | U                | 100000      | 110000    |              | ug/L |   | 110  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-116043-8 MS

Matrix: Water

Analysis Batch: 275893

Client Sample ID: MW-26-S

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,2-Trichloroethane - DL            | <822          | U                | 100000      | 118100    |              | ug/L |   | 118  | 70 - 130    |
| 1,1-Dichloroethane - DL               | <1270         | U                | 100000      | 130100    |              | ug/L |   | 130  | 70 - 130    |
| 1,1-Dichloroethene - DL               | <1480         | U                | 100000      | 111000    |              | ug/L |   | 111  | 67 - 130    |
| 1,2,3-Trichloropropane - DL           | <940          | U                | 100000      | 88460     |              | ug/L |   | 88   | 70 - 130    |
| 1,2,4-Trimethylbenzene - DL           | <834          | U                | 100000      | 114900    |              | ug/L |   | 115  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane - DL      | <1340         | U                | 100000      | 91140     |              | ug/L |   | 91   | 59 - 130    |
| 1,2-Dibromoethane - DL                | <2000         | U                | 100000      | 107500    |              | ug/L |   | 107  | 70 - 130    |
| 1,2-Dichloroethane - DL               | <744          | U                | 100000      | 115800    |              | ug/L |   | 116  | 70 - 130    |
| 1,2-Dichloropropane - DL              | <1110         | U                | 100000      | 116200    |              | ug/L |   | 116  | 70 - 130    |
| 1,3,5-Trimethylbenzene - DL           | <822          | U                | 100000      | 109200    |              | ug/L |   | 109  | 70 - 130    |
| 1,3-Butadiene - DL                    | <1140         | U                | 100000      | 96650     |              | ug/L |   | 97   | 60 - 150    |
| 2,2,4-Trimethylpentane - DL           | <1000         | U                | 100000      | 100000    |              | ug/L |   | 100  | 70 - 130    |
| 2-Butanone (MEK) - DL                 | <16600        | U                | 500000      | 444800    |              | ug/L |   | 89   | 67 - 140    |
| 2-Hexanone (MBK) - DL                 | <10000        | U                | 500000      | 334900    |              | ug/L |   | 67   | 60 - 140    |
| 2-Propanol - DL                       | <10500        | U                | 1000000     | 811800    |              | ug/L |   | 81   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) - DL | <1190         | U *+ F1          | 100000      | 134300    | F1           | ug/L |   | 134  | 60 - 130    |
| 4-Methyl-2-pentanone - DL             | <10000        | U *-             | 500000      | 318000    |              | ug/L |   | 64   | 60 - 140    |
| Acetone - DL                          | <6130         | U                | 500000      | 424800    |              | ug/L |   | 85   | 60 - 140    |
| Acetonitrile - DL                     | <29200        | U                | 1000000     | 1247000   |              | ug/L |   | 125  | 60 - 140    |
| Acrolein - DL                         | <22200        | U                | 500000      | 464900    |              | ug/L |   | 93   | 60 - 140    |
| Acrylonitrile - DL                    | <28600        | U                | 1000000     | 1082000   |              | ug/L |   | 108  | 60 - 140    |
| alpha-Chlorotoluene - DL              | <4510         | U                | 100000      | 110300    |              | ug/L |   | 110  | 70 - 130    |
| Benzene - DL                          | <919          | U                | 100000      | 114500    |              | ug/L |   | 115  | 70 - 130    |
| Bromodichloromethane - DL             | <1100         | U                | 100000      | 117300    |              | ug/L |   | 117  | 65 - 135    |
| Bromoform - DL                        | <1270         | U                | 100000      | 102100    |              | ug/L |   | 102  | 70 - 130    |
| Bromomethane - DL                     | <2840         | U                | 100000      | 67560     |              | ug/L |   | 68   | 49 - 140    |
| Carbon disulfide - DL                 | <3300         | U                | 100000      | 117500    |              | ug/L |   | 117  | 60 - 130    |
| Carbon tetrachloride - DL             | 103000        |                  | 100000      | 232300    |              | ug/L |   | 129  | 70 - 130    |
| Chlorobenzene - DL                    | <910          | U                | 100000      | 107800    |              | ug/L |   | 108  | 65 - 135    |
| Chlorodibromomethane - DL             | <1090         | U                | 100000      | 118000    |              | ug/L |   | 118  | 70 - 130    |
| Chloroethane - DL                     | <3970         | U                | 100000      | 97070     |              | ug/L |   | 97   | 60 - 140    |
| Chloroform - DL                       | 6120          | F1               | 100000      | 140300    | F1           | ug/L |   | 134  | 70 - 130    |
| Chloromethane - DL                    | <4070         | U                | 100000      | 110300    |              | ug/L |   | 110  | 60 - 140    |
| Chloroprene - DL                      | <1200         | U                | 100000      | 129300    |              | ug/L |   | 129  | 70 - 130    |
| cis-1,2-Dichloroethene - DL           | <914          | U                | 100000      | 130500    |              | ug/L |   | 130  | 70 - 130    |
| cis-1,3-Dichloropropene - DL          | <2130         | U                | 100000      | 113800    |              | ug/L |   | 114  | 70 - 130    |
| Cumene (isopropylbenzene) - DL        | <1180         | U                | 100000      | 110100    |              | ug/L |   | 110  | 70 - 130    |
| Cyclohexane - DL                      | <2570         | U                | 100000      | 122000    |              | ug/L |   | 122  | 65 - 130    |
| Dibromomethane - DL                   | <714          | U                | 100000      | 115900    |              | ug/L |   | 116  | 69 - 130    |
| Dichlorodifluoromethane - DL          | <1570         | U                | 100000      | 64890     |              | ug/L |   | 65   | 50 - 150    |
| Ethyl methacrylate - DL               | <2240         | U *-             | 100000      | 78260     |              | ug/L |   | 78   | 70 - 130    |
| Ethylbenzene - DL                     | <770          | U                | 100000      | 108700    |              | ug/L |   | 109  | 70 - 130    |
| Hexane - DL                           | <1030         | U                | 100000      | 98520     |              | ug/L |   | 99   | 65 - 140    |
| Iodomethane - DL                      | <10000        | U                | 100000      | 90230     |              | ug/L |   | 90   | 50 - 150    |
| Isobutanol - DL                       | <34200        | U *- F1          | 2480000     | 990800    | F1           | ug/L |   | 40   | 60 - 140    |
| Methacrylonitrile - DL                | <5430         | U                | 1000000     | 1058000   |              | ug/L |   | 106  | 70 - 130    |
| Methyl methacrylate - DL              | <4500         | U                | 200000      | 142700    |              | ug/L |   | 71   | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-116043-8 MS

Matrix: Water

Analysis Batch: 275893

Client Sample ID: MW-26-S

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Methyl tert-butyl ether - DL     | <2780         | U                | 100000      | 113900    |              | ug/L |   | 114  | 70 - 135    |
| Methylene Chloride - DL          | <3450         | U F1             | 100000      | 126100    | F1           | ug/L |   | 126  | 71 - 125    |
| Propionitrile - DL               | <6680         | U                | 1000000     | 1032000   |              | ug/L |   | 103  | 70 - 130    |
| Propylbenzene - DL               | <858          | U                | 100000      | 107100    |              | ug/L |   | 107  | 70 - 130    |
| Styrene - DL                     | <1240         | U                | 100000      | 116700    |              | ug/L |   | 117  | 70 - 130    |
| Tetrachloroethene - DL           | <1310         | U                | 100000      | 106300    |              | ug/L |   | 106  | 70 - 130    |
| Tetrahydrofuran - DL             | <3670         | U                | 200000      | 195700    |              | ug/L |   | 98   | 63 - 130    |
| Toluene - DL                     | <950          | U                | 100000      | 108900    |              | ug/L |   | 109  | 70 - 130    |
| trans-1,2-Dichloroethene - DL    | <736          | U                | 100000      | 125500    |              | ug/L |   | 125  | 70 - 130    |
| trans-1,3-Dichloropropene - DL   | <2530         | U                | 100000      | 120300    |              | ug/L |   | 120  | 70 - 130    |
| trans-1,4-Dichloro-2-butene - DL | <2700         | U                | 100000      | 92610     |              | ug/L |   | 93   | 70 - 130    |
| Trichloroethene - DL             | <3000         | U                | 100000      | 115200    |              | ug/L |   | 115  | 70 - 135    |
| Trichlorofluoromethane - DL      | <1120         | U                | 100000      | 103300    |              | ug/L |   | 103  | 60 - 140    |
| Vinyl acetate - DL               | <4280         | U                | 500000      | 629200    |              | ug/L |   | 126  | 50 - 150    |
| Vinyl chloride - DL              | <856          | U                | 100000      | 89500     |              | ug/L |   | 90   | 60 - 140    |
| Xylenes, Total - DL              | <2480         | U                | 200000      | 218900    |              | ug/L |   | 109  | 70 - 130    |
| m,p-Xylenes - DL                 | <2.48         | U                | 100         | 108.5     |              | mg/L |   | 109  | 70 - 130    |
| o-Xylene - DL                    | <1.00         | U                | 100         | 110.4     |              | mg/L |   | 110  | 70 - 130    |

| Surrogate                         | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) - DL | 110          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr) - DL  | 93           |              | 74 - 124 |
| Dibromofluoromethane (Surr) - DL  | 121          |              | 75 - 131 |
| Toluene-d8 (Surr) - DL            | 102          |              | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                             | Result  | Qualifier |       |        |      |   |                |                |         |
| 2-Methylnaphthalene         | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Nitroaniline              | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3 & 4 Methylphenol          | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3-Nitroaniline              | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Chloroaniline             | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Nitroaniline              | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Acenaphthene                | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aniline                     | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Anthracene                  | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Pyridine                            | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitro-o-toluidine                 | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Acetophenone                        | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosopiperidine                 | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pentachlorobenzene                  | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diphenyl ether                      | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,1'-Biphenyl                       | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Aminobiphenyl                     | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,3-Dinitrobenzene                  | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1,4-Naphthoquinone                  | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 1-Naphthylamine                     | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2,6-Dichlorophenol                  | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Acetylaminofluorene               | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Methapyrilene                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodimethylamine              | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomorpholine              | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| N-Nitrosopyrrolidine             | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Safrole, Total                   | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Sulfotepp                        | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Thionazin                        | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 62           |              | 26 - 136 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Fluorobiphenyl            | 68           |              | 39 - 130 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| 2-Fluorophenol (Surr)       | 72           |              | 19 - 120 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Nitrobenzene-d5 (Surr)      | 75           |              | 32 - 133 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| Phenol-d5 (Surr)            | 63           |              | 8 - 124  | 11/13/25 11:44 | 11/14/25 19:22 | 1       |
| p-Terphenyl-d14             | 63           |              | 28 - 130 | 11/13/25 11:44 | 11/14/25 19:22 | 1       |

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,1'-Biphenyl               | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                     | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,3-Dinitrobenzene                  | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1,4-Naphthoquinone                  | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 1-Naphthylamine                     | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2,6-Dichlorophenol                  | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Acetylaminofluorene               | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Methapyrilene                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodimethylamine              | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Pentachloronitrobenzene             | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenacetin                          | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| p-Phenylene diamine                 | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275601/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275601

| Analyte        | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Pronamide      | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Safrole, Total | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Sulfotepp      | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Thionazin      | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 60           |              | 26 - 136 | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Fluorobiphenyl            | 62           |              | 39 - 130 | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| 2-Fluorophenol (Surr)       | 74           |              | 19 - 120 | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Nitrobenzene-d5 (Surr)      | 69           |              | 32 - 133 | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| Phenol-d5 (Surr)            | 63           |              | 8 - 124  | 11/13/25 11:44 | 11/17/25 11:47 | 1       |
| p-Terphenyl-d14             | 65           |              | 28 - 130 | 11/13/25 11:44 | 11/17/25 11:47 | 1       |

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.502      |               | ug/L |   | 79   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 3.740      |               | ug/L |   | 65   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 3.697      |               | ug/L |   | 65   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 3.637      |               | ug/L |   | 64   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.089      |               | ug/L |   | 72   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 4.217      |               | ug/L |   | 74   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.449      |               | ug/L |   | 78   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 4.177      |               | ug/L |   | 73   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 4.071      |               | ug/L |   | 71   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 3.163      |               | ug/L |   | 55   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 3.918      | J             | ug/L |   | 69   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 4.122      |               | ug/L |   | 72   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 4.173      |               | ug/L |   | 73   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 3.715      |               | ug/L |   | 65   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 3.785      |               | ug/L |   | 66   | 33 - 149    |
| 2-Methylphenol               | 5.71        | 4.154      |               | ug/L |   | 73   | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 4.066      |               | ug/L |   | 71   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 3.855      |               | ug/L |   | 67   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 3.737      |               | ug/L |   | 65   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 2.734      |               | ug/L |   | 48   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 4.160      |               | ug/L |   | 73   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 3.571      |               | ug/L |   | 62   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 4.124      |               | ug/L |   | 72   | 52 - 137    |
| 4-Chloroaniline              | 5.71        | 1.968      |               | ug/L |   | 34   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | 5.71        | 3.614      |               | ug/L |   | 63   | 53 - 134    |
| 4-Nitroaniline               | 5.71        | 3.681      |               | ug/L |   | 64   | 45 - 148    |
| Acenaphthene                 | 5.71        | 3.791      |               | ug/L |   | 66   | 48 - 136    |
| Acenaphthylene               | 5.71        | 4.131      |               | ug/L |   | 72   | 40 - 149    |
| Aniline                      | 5.71        | 1.760      |               | ug/L |   | 31   | 10 - 73     |
| Anthracene                   | 5.71        | 3.265      |               | ug/L |   | 57   | 51 - 146    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Benzo[a]anthracene          | 5.71        | 5.268      |               | ug/L |   | 92   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 3.508      |               | ug/L |   | 61   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 4.683      |               | ug/L |   | 82   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 3.983      |               | ug/L |   | 70   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.673      |               | ug/L |   | 82   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 3.369      |               | ug/L |   | 59   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 3.525      |               | ug/L |   | 62   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 3.458      |               | ug/L |   | 61   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 5.072      |               | ug/L |   | 89   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.163      |               | ug/L |   | 73   | 60 - 150    |
| Chrysene                    | 5.71        | 4.530      |               | ug/L |   | 79   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 3.501      |               | ug/L |   | 61   | 50 - 147    |
| Dibenzofuran                | 5.71        | 3.556      |               | ug/L |   | 62   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.270      |               | ug/L |   | 75   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 3.670      |               | ug/L |   | 64   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.365      |               | ug/L |   | 76   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.693      |               | ug/L |   | 100  | 55 - 150    |
| Fluoranthene                | 5.71        | 3.887      |               | ug/L |   | 68   | 50 - 144    |
| Fluorene                    | 5.71        | 3.583      |               | ug/L |   | 63   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 3.464      |               | ug/L |   | 61   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 3.757      |               | ug/L |   | 66   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 3.933      |               | ug/L |   | 69   | 24 - 150    |
| Hexachloroethane            | 5.71        | 4.002      |               | ug/L |   | 70   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.511      |               | ug/L |   | 61   | 46 - 138    |
| Isophorone                  | 5.71        | 3.724      |               | ug/L |   | 65   | 48 - 147    |
| Naphthalene                 | 5.71        | 3.488      |               | ug/L |   | 61   | 35 - 141    |
| Nitrobenzene                | 5.71        | 3.697      |               | ug/L |   | 65   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 3.642      |               | ug/L |   | 64   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 3.796      |               | ug/L |   | 66   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 4.662      |               | ug/L |   | 82   | 33 - 150    |
| Phenanthrene                | 5.71        | 3.597      |               | ug/L |   | 63   | 54 - 141    |
| Phenol                      | 5.71        | 3.781      |               | ug/L |   | 66   | 40 - 145    |
| Pyrene                      | 5.71        | 3.871      |               | ug/L |   | 68   | 50 - 143    |
| Pyridine                    | 5.71        | 2.796      | J             | ug/L |   | 49   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 2.565      |               | ug/L |   | 45   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.807      |               | ug/L |   | 84   | 60 - 150    |
| Acetophenone                | 5.71        | 3.560      |               | ug/L |   | 62   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 2.870      |               | ug/L |   | 50   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.747      |               | ug/L |   | 66   | 52 - 128    |
| Diphenyl ether              | 5.71        | 3.619      |               | ug/L |   | 63   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.607      |               | ug/L |   | 63   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 1.868      |               | ug/L |   | 33   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.820      |               | ug/L |   | 67   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 3.958      |               | ug/L |   | 69   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 4.158      |               | ug/L |   | 73   | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 3.353      |               | ug/L |   | 59   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.097      |               | ug/L |   | 19   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 3.815      |               | ug/L |   | 67   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 3.197      |               | ug/L |   | 56   | 45 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Chlorophenol                      | 5.71        | 3.456      |               | ug/L |   | 60   | 51 - 143    |
| 2-Naphthylamine                     | 5.71        | 1.510      |               | ug/L |   | 26   | 17 - 130    |
| 2-Picoline                          | 5.71        | 1.538      |               | ug/L |   | 27   | 10 - 143    |
| 2-Toluidine                         | 5.71        | 1.394      |               | ug/L |   | 24   | 10 - 130    |
| 3,3'-Dichlorobenzidine              | 5.71        | 3.304      |               | ug/L |   | 58   | 10 - 128    |
| 3,3'-Dimethylbenzidine              | 5.71        | 0.9840     |               | ug/L |   | 17   | 10 - 130    |
| 3-Methylcholanthrene                | 5.71        | 3.404      |               | ug/L |   | 60   | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | 5.71        | 2.722      |               | ug/L |   | 48   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.439      |               | ug/L |   | 78   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.463      | J             | ug/L |   | 26   | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 1.744      |               | ug/L |   | 61   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 1.853      |               | ug/L |   | 65   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 2.782      |               | ug/L |   | 66   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 0.9984     |               | ug/L |   | 67   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 3.666      |               | ug/L |   | 64   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 3.660      |               | ug/L |   | 64   | 35 - 140    |
| Isosafrole                          | 5.71        | 3.730      |               | ug/L |   | 65   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.5916     |               | ug/L |   | 65   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 3.138      |               | ug/L |   | 65   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 3.481      |               | ug/L |   | 61   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 3.081      |               | ug/L |   | 54   | 50 - 136    |
| N-Nitrosodimethylamine              | 5.71        | 3.880      |               | ug/L |   | 68   | 33 - 148    |
| N-Nitrosodi-n-butylamine            | 5.71        | 3.188      |               | ug/L |   | 56   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 2.734      |               | ug/L |   | 48   | 30 - 148    |
| N-Nitrosomorpholine                 | 5.71        | 2.938      |               | ug/L |   | 51   | 40 - 140    |
| N-Nitrosopyrrolidine                | 5.71        | 2.933      |               | ug/L |   | 51   | 20 - 130    |
| p-Dimethylamino azobenzene          | 5.71        | 3.365      |               | ug/L |   | 59   | 16 - 150    |
| Pentachloronitrobenzene             | 5.71        | 3.898      |               | ug/L |   | 68   | 38 - 145    |
| Phenacetin                          | 5.71        | 4.376      |               | ug/L |   | 77   | 50 - 150    |
| p-Phenylene diamine                 | 5.71        | <5.71      | U             | ug/L |   | 32   | 5 - 112     |
| Pronamide                           | 5.71        | 4.033      |               | ug/L |   | 71   | 60 - 150    |
| Safrole, Total                      | 5.71        | 3.808      | *-            | ug/L |   | 67   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 66            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 70            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 69            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 66            |               | 8 - 124  |
| p-Terphenyl-d14             | 66            |               | 28 - 130 |

Lab Sample ID: LCS 860-275601/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Aramite Peak 1 | 1.43        | 1.031      |               | ug/L |   | 72   | 45 - 150    |
| Aramite Peak 2 | 1.43        | 0.8516     |               | ug/L |   | 60   | 45 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275601/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                           | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Aramite, Total                    | 2.86        | <0.184     | U             | ug/L |   | 0    | 45 - 150    |
| Diallate                          | 2.86        | <0.0299    | U             | ug/L |   | 0    | 47 - 150    |
| Diallate Peak 1                   | 2.11        | 1.198      |               | ug/L |   | 57   | 47 - 150    |
| Diallate Peak 2                   | 0.743       | 0.4997     | J             | ug/L |   | 67   | 53 - 142    |
| Dimethoate                        | 2.86        | 8.111      | *+            | ug/L |   | 284  | 70 - 150    |
| Dinoseb                           | 5.71        | 8.559      |               | ug/L |   | 150  | 10 - 150    |
| Disulfoton                        | 2.86        | 6.941      | *+            | ug/L |   | 243  | 80 - 150    |
| Ethyl Parathion                   | 2.86        | 7.497      | *+            | ug/L |   | 262  | 70 - 150    |
| Famphur                           | 2.86        | 3.367      |               | ug/L |   | 118  | 10 - 150    |
| Methapyrilene                     | 5.71        | 9.552      | *+            | ug/L |   | 167  | 10 - 150    |
| Methyl parathion                  | 2.86        | 7.246      | *+            | ug/L |   | 254  | 80 - 150    |
| o,o',o''-Triethylphosphorothioate | 2.86        | 2.540      |               | ug/L |   | 89   | 38 - 150    |
| Phorate                           | 2.86        | 7.281      | *+            | ug/L |   | 255  | 65 - 150    |
| Sulfotepp                         | 2.86        | 6.981      | *+            | ug/L |   | 244  | 28 - 150    |
| Thionazin                         | 2.86        | 3.363      |               | ug/L |   | 118  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 66            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 67            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 63            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 64            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 58            |               | 8 - 124  |
| p-Terphenyl-d14             | 63            |               | 28 - 130 |

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.414       |                | ug/L |   | 77   | 55 - 120    | 2   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 3.807       |                | ug/L |   | 67   | 65 - 130    | 2   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 3.670       |                | ug/L |   | 64   | 26 - 130    | 1   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 3.669       |                | ug/L |   | 64   | 60 - 150    | 1   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.032       |                | ug/L |   | 71   | 65 - 145    | 1   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.158       |                | ug/L |   | 73   | 58 - 150    | 1   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.421       |                | ug/L |   | 77   | 39 - 145    | 1   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.092       |                | ug/L |   | 72   | 60 - 147    | 2   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.175       |                | ug/L |   | 73   | 58 - 140    | 3   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.221       |                | ug/L |   | 56   | 31 - 145    | 2   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 3.763       | J              | ug/L |   | 66   | 10 - 150    | 4   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 4.263       |                | ug/L |   | 75   | 29 - 150    | 3   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 4.177       |                | ug/L |   | 73   | 55 - 150    | 0   | 30        |
| 2-Chloronaphthalene          | 5.71        | 3.607       |                | ug/L |   | 63   | 39 - 141    | 3   | 30        |
| 2-Methylnaphthalene          | 5.71        | 3.827       |                | ug/L |   | 67   | 33 - 149    | 1   | 30        |
| 2-Methylphenol               | 5.71        | 4.275       |                | ug/L |   | 75   | 49 - 140    | 3   | 30        |
| 2-Nitroaniline               | 5.71        | 4.187       |                | ug/L |   | 73   | 42 - 150    | 3   | 30        |
| 2-Nitrophenol                | 5.71        | 3.912       |                | ug/L |   | 68   | 43 - 150    | 1   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 3.837       |                | ug/L |   | 67   | 39 - 142    | 3   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec     |  | RPD |       |
|-----------------------------|-------------|-------------|----------------|------|---|------|----------|--|-----|-------|
|                             |             |             |                |      |   |      | Limits   |  | RPD | Limit |
| 3-Nitroaniline              | 5.71        | 2.885       |                | ug/L |   | 50   | 25 - 130 |  | 5   | 30    |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 4.118       |                | ug/L |   | 72   | 10 - 150 |  | 1   | 30    |
| 4-Bromophenyl phenyl ether  | 5.71        | 3.567       |                | ug/L |   | 62   | 56 - 136 |  | 0   | 30    |
| 4-Chloro-3-methylphenol     | 5.71        | 4.097       |                | ug/L |   | 72   | 52 - 137 |  | 1   | 30    |
| 4-Chloroaniline             | 5.71        | 1.950       |                | ug/L |   | 34   | 10 - 95  |  | 1   | 30    |
| 4-Chlorophenyl phenyl ether | 5.71        | 3.726       |                | ug/L |   | 65   | 53 - 134 |  | 3   | 30    |
| 4-Nitroaniline              | 5.71        | 3.798       |                | ug/L |   | 66   | 45 - 148 |  | 3   | 30    |
| Acenaphthene                | 5.71        | 3.788       |                | ug/L |   | 66   | 48 - 136 |  | 0   | 30    |
| Acenaphthylene              | 5.71        | 4.100       |                | ug/L |   | 72   | 40 - 149 |  | 1   | 30    |
| Aniline                     | 5.71        | 1.741       |                | ug/L |   | 30   | 10 - 73  |  | 1   | 30    |
| Anthracene                  | 5.71        | 3.451       |                | ug/L |   | 60   | 51 - 146 |  | 6   | 30    |
| Benzo[a]anthracene          | 5.71        | 5.230       |                | ug/L |   | 92   | 43 - 145 |  | 1   | 30    |
| Benzo[a]pyrene              | 5.71        | 3.515       |                | ug/L |   | 62   | 52 - 136 |  | 0   | 30    |
| Benzo[b]fluoranthene        | 5.71        | 4.650       |                | ug/L |   | 81   | 45 - 140 |  | 1   | 30    |
| Benzo[g,h,i]perylene        | 5.71        | 3.882       |                | ug/L |   | 68   | 44 - 137 |  | 3   | 30    |
| Benzo[k]fluoranthene        | 5.71        | 4.569       |                | ug/L |   | 80   | 37 - 140 |  | 2   | 30    |
| Benzyl alcohol              | 5.71        | 3.550       |                | ug/L |   | 62   | 40 - 133 |  | 5   | 30    |
| Bis(2-chloroethoxy)methane  | 5.71        | 3.588       |                | ug/L |   | 63   | 52 - 143 |  | 2   | 30    |
| Bis(2-chloroethyl)ether     | 5.71        | 3.497       |                | ug/L |   | 61   | 52 - 140 |  | 1   | 30    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 5.017       |                | ug/L |   | 88   | 50 - 140 |  | 1   | 30    |
| Butyl benzyl phthalate      | 5.71        | 4.268       |                | ug/L |   | 75   | 60 - 150 |  | 2   | 30    |
| Chrysene                    | 5.71        | 4.390       |                | ug/L |   | 77   | 47 - 137 |  | 3   | 30    |
| Dibenz(a,h)anthracene       | 5.71        | 3.516       |                | ug/L |   | 62   | 50 - 147 |  | 0   | 30    |
| Dibenzofuran                | 5.71        | 3.584       |                | ug/L |   | 63   | 52 - 139 |  | 1   | 30    |
| Diethyl phthalate           | 5.71        | 4.398       |                | ug/L |   | 77   | 55 - 137 |  | 3   | 30    |
| Dimethyl phthalate          | 5.71        | 3.713       |                | ug/L |   | 65   | 44 - 150 |  | 1   | 30    |
| Di-n-butyl phthalate        | 5.71        | 4.486       |                | ug/L |   | 79   | 49 - 146 |  | 3   | 30    |
| Di-n-octyl phthalate        | 5.71        | 5.704       |                | ug/L |   | 100  | 55 - 150 |  | 0   | 30    |
| Fluoranthene                | 5.71        | 3.991       |                | ug/L |   | 70   | 50 - 144 |  | 3   | 30    |
| Fluorene                    | 5.71        | 3.649       |                | ug/L |   | 64   | 54 - 136 |  | 2   | 30    |
| Hexachlorobenzene           | 5.71        | 3.563       |                | ug/L |   | 62   | 55 - 138 |  | 3   | 30    |
| Hexachlorobutadiene         | 5.71        | 3.760       |                | ug/L |   | 66   | 45 - 150 |  | 0   | 30    |
| Hexachlorocyclopentadiene   | 5.71        | 3.942       |                | ug/L |   | 69   | 24 - 150 |  | 0   | 30    |
| Hexachloroethane            | 5.71        | 4.030       |                | ug/L |   | 71   | 30 - 130 |  | 1   | 30    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.476       |                | ug/L |   | 61   | 46 - 138 |  | 1   | 30    |
| Isophorone                  | 5.71        | 3.868       |                | ug/L |   | 68   | 48 - 147 |  | 4   | 30    |
| Naphthalene                 | 5.71        | 3.475       |                | ug/L |   | 61   | 35 - 141 |  | 0   | 30    |
| Nitrobenzene                | 5.71        | 3.778       |                | ug/L |   | 66   | 52 - 141 |  | 2   | 30    |
| N-Nitrosodi-n-propylamine   | 5.71        | 3.827       |                | ug/L |   | 67   | 41 - 137 |  | 5   | 30    |
| N-Nitrosodiphenylamine      | 5.71        | 3.857       |                | ug/L |   | 68   | 51 - 135 |  | 2   | 30    |
| Pentachlorophenol           | 5.71        | 4.613       |                | ug/L |   | 81   | 33 - 150 |  | 1   | 30    |
| Phenanthrene                | 5.71        | 3.613       |                | ug/L |   | 63   | 54 - 141 |  | 0   | 30    |
| Phenol                      | 5.71        | 3.939       |                | ug/L |   | 69   | 40 - 145 |  | 4   | 30    |
| Pyrene                      | 5.71        | 3.966       |                | ug/L |   | 69   | 50 - 143 |  | 2   | 30    |
| Pyridine                    | 5.71        | 2.822       | J              | ug/L |   | 49   | 10 - 84  |  | 1   | 30    |
| N-Nitro-o-toluidine         | 5.71        | 2.635       |                | ug/L |   | 46   | 29 - 141 |  | 3   | 30    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.750       |                | ug/L |   | 83   | 60 - 150 |  | 1   | 30    |
| Acetophenone                | 5.71        | 3.625       |                | ug/L |   | 63   | 52 - 136 |  | 2   | 30    |
| N-Nitrosopiperidine         | 5.71        | 3.058       |                | ug/L |   | 54   | 36 - 148 |  | 6   | 30    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Pentachlorobenzene                  | 5.71        | 3.787       |                | ug/L |   | 66   | 52 - 128    | 1   | 30        |
| Diphenyl ether                      | 5.71        | 3.612       |                | ug/L |   | 63   | 46 - 130    | 0   | 30        |
| 1,1'-Biphenyl                       | 5.71        | 3.530       |                | ug/L |   | 62   | 39 - 142    | 2   | 30        |
| 4-Aminobiphenyl                     | 5.71        | 1.895       |                | ug/L |   | 33   | 10 - 115    | 1   | 30        |
| 1,2,4,5-Tetrachlorobenzene          | 5.71        | 3.682       |                | ug/L |   | 64   | 46 - 125    | 4   | 30        |
| 1,3,5-Trinitrobenzene               | 5.71        | 3.986       |                | ug/L |   | 70   | 42 - 130    | 1   | 30        |
| 1,3-Dinitrobenzene                  | 5.71        | 4.296       |                | ug/L |   | 75   | 65 - 150    | 3   | 30        |
| 1,4-Naphthoquinone                  | 5.71        | 3.266       |                | ug/L |   | 57   | 24 - 137    | 3   | 30        |
| 1-Naphthylamine                     | 5.71        | 1.136       |                | ug/L |   | 20   | 10 - 130    | 4   | 30        |
| 2,6-Dichlorophenol                  | 5.71        | 3.833       |                | ug/L |   | 67   | 42 - 145    | 0   | 30        |
| 2-Acetylaminofluorene               | 5.71        | 3.426       |                | ug/L |   | 60   | 45 - 150    | 7   | 30        |
| 2-Chlorophenol                      | 5.71        | 3.483       |                | ug/L |   | 61   | 51 - 143    | 1   | 30        |
| 2-Naphthylamine                     | 5.71        | 1.544       |                | ug/L |   | 27   | 17 - 130    | 2   | 30        |
| 2-Picoline                          | 5.71        | 1.551       |                | ug/L |   | 27   | 10 - 143    | 1   | 30        |
| 2-Toluidine                         | 5.71        | 1.340       |                | ug/L |   | 23   | 10 - 130    | 4   | 30        |
| 3,3'-Dichlorobenzidine              | 5.71        | 3.390       |                | ug/L |   | 59   | 10 - 128    | 3   | 30        |
| 3,3'-Dimethylbenzidine              | 5.71        | 1.029       |                | ug/L |   | 18   | 10 - 130    | 4   | 30        |
| 3-Methylcholanthrene                | 5.71        | 3.367       |                | ug/L |   | 59   | 53 - 130    | 1   | 30        |
| 4-Nitroquinoline-1-oxide            | 5.71        | 2.832       |                | ug/L |   | 50   | 20 - 140    | 4   | 30        |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.370       |                | ug/L |   | 76   | 27 - 146    | 2   | 30        |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.610       | J              | ug/L |   | 28   | 5 - 150     | 10  | 30        |
| Aramite Peak 1                      | 2.86        | 1.750       |                | ug/L |   | 61   | 45 - 150    | 0   | 30        |
| Aramite Peak 2                      | 2.86        | 1.933       |                | ug/L |   | 68   | 45 - 150    | 4   | 30        |
| Diallate Peak 1                     | 4.23        | 2.834       |                | ug/L |   | 67   | 47 - 150    | 2   | 30        |
| Diallate Peak 2                     | 1.49        | 1.058       |                | ug/L |   | 71   | 53 - 142    | 6   | 30        |
| Ethyl methanesulfonate              | 5.71        | 3.723       |                | ug/L |   | 65   | 45 - 138    | 2   | 30        |
| Hexachloropropene                   | 5.71        | 3.716       |                | ug/L |   | 65   | 35 - 140    | 2   | 30        |
| Isosafrole                          | 5.71        | 3.758       |                | ug/L |   | 66   | 47 - 137    | 1   | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.5922      |                | ug/L |   | 65   | 48 - 132    | 0   | 30        |
| Isosafrole Peak 2                   | 4.80        | 3.166       |                | ug/L |   | 66   | 47 - 137    | 1   | 30        |
| Methyl methanesulfonate             | 5.71        | 3.482       |                | ug/L |   | 61   | 33 - 140    | 0   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 3.175       |                | ug/L |   | 56   | 50 - 136    | 3   | 30        |
| N-Nitrosodimethylamine              | 5.71        | 3.885       |                | ug/L |   | 68   | 33 - 148    | 0   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 3.191       |                | ug/L |   | 56   | 30 - 150    | 0   | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 2.805       |                | ug/L |   | 49   | 30 - 148    | 3   | 30        |
| N-Nitrosomorpholine                 | 5.71        | 3.006       |                | ug/L |   | 53   | 40 - 140    | 2   | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 3.106       |                | ug/L |   | 54   | 20 - 130    | 6   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 3.436       |                | ug/L |   | 60   | 16 - 150    | 2   | 30        |
| Pentachloronitrobenzene             | 5.71        | 4.108       |                | ug/L |   | 72   | 38 - 145    | 5   | 30        |
| Phenacetin                          | 5.71        | 4.370       |                | ug/L |   | 76   | 50 - 150    | 0   | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U              | ug/L |   | 32   | 5 - 112     | 0   | 30        |
| Pronamide                           | 5.71        | 4.105       |                | ug/L |   | 72   | 60 - 150    | 2   | 30        |
| Safrole, Total                      | 5.71        | 3.767       | *-             | ug/L |   | 66   | 70 - 130    | 1   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 74             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 65             |                | 39 - 130 |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275601/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

|                        | LCSD      | LCSD      |          |
|------------------------|-----------|-----------|----------|
| Surrogate              | %Recovery | Qualifier | Limits   |
| 2-Fluorophenol (Surr)  | 71        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) | 69        |           | 32 - 133 |
| Phenol-d5 (Surr)       | 69        |           | 8 - 124  |
| p-Terphenyl-d14        | 65        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275601/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275601

|                                  | Spike | LCSD    | LCSD      |      |   |      |          | %Rec |       | RPD |
|----------------------------------|-------|---------|-----------|------|---|------|----------|------|-------|-----|
| Analyte                          | Added | Result  | Qualifier | Unit | D | %Rec | Limits   | RPD  | Limit |     |
| Aramite Peak 1                   | 1.43  | 0.9746  |           | ug/L |   | 68   | 45 - 150 | 6    | 30    |     |
| Aramite Peak 2                   | 1.43  | 0.8016  |           | ug/L |   | 56   | 45 - 150 | 6    | 30    |     |
| Aramite, Total                   | 2.86  | <0.184  | U         | ug/L |   | 0    | 45 - 150 | NC   | 30    |     |
| Diallate                         | 2.86  | <0.0299 | U         | ug/L |   | 0    | 47 - 150 | NC   | 30    |     |
| Diallate Peak 1                  | 2.11  | 1.195   |           | ug/L |   | 57   | 47 - 150 | 0    | 30    |     |
| Diallate Peak 2                  | 0.743 | 0.4566  | J         | ug/L |   | 61   | 53 - 142 | 9    | 30    |     |
| Dimethoate                       | 2.86  | 7.540   | *+        | ug/L |   | 264  | 70 - 150 | 7    | 30    |     |
| Dinoseb                          | 5.71  | 8.834   | *+        | ug/L |   | 155  | 10 - 150 | 3    | 30    |     |
| Disulfoton                       | 2.86  | 6.854   | *+        | ug/L |   | 240  | 80 - 150 | 1    | 30    |     |
| Ethyl Parathion                  | 2.86  | 7.200   | *+        | ug/L |   | 252  | 70 - 150 | 4    | 30    |     |
| Famphur                          | 2.86  | 3.182   |           | ug/L |   | 111  | 10 - 150 | 6    | 30    |     |
| Methapyrilene                    | 5.71  | 9.575   | *+        | ug/L |   | 168  | 10 - 150 | 0    | 30    |     |
| Methyl parathion                 | 2.86  | 7.070   | *+        | ug/L |   | 247  | 80 - 150 | 2    | 30    |     |
| o,o',o"-Triethylphosphorothioate | 2.86  | 2.431   |           | ug/L |   | 85   | 38 - 150 | 4    | 30    |     |
| Phorate                          | 2.86  | 6.751   | *+        | ug/L |   | 236  | 65 - 150 | 8    | 30    |     |
| Sulfotepp                        | 2.86  | 6.580   | *+        | ug/L |   | 230  | 28 - 150 | 6    | 30    |     |
| Thionazin                        | 2.86  | 3.313   |           | ug/L |   | 116  | 40 - 140 | 1    | 30    |     |

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 63        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 65        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 66        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 68        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 61        |           | 8 - 124  |
| p-Terphenyl-d14             | 60        |           | 28 - 130 |

Lab Sample ID: 860-116038-D-11-B MS

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275601

|                              | Sample | Sample    | Spike | MS     | MS        |      |   | %Rec |          |
|------------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|
| Analyte                      | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits   |
| 1,2,4-Trichlorobenzene       | <0.121 | U F1      | 5.68  | 2.528  | F1        | ug/L |   | 44   | 55 - 120 |
| 1,2-Dichlorobenzene          | <0.101 | U F1      | 5.68  | 3.529  | F1        | ug/L |   | 62   | 65 - 130 |
| 1,3-Dichlorobenzene          | <0.108 | U         | 5.68  | 2.590  |           | ug/L |   | 46   | 26 - 130 |
| 1,4-Dichlorobenzene          | <0.109 | U         | 5.68  | 3.885  |           | ug/L |   | 68   | 60 - 150 |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U F1      | 5.68  | 2.894  | F1        | ug/L |   | 51   | 65 - 145 |
| 2,4,5-Trichlorophenol        | <0.430 | U F1      | 5.68  | 2.873  | F1        | ug/L |   | 51   | 58 - 150 |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 5.68  | 2.413  |           | ug/L |   | 42   | 39 - 145 |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-D-11-B MS

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2,4-Dichlorophenol          | <0.126        | U F1             | 5.68        | 2.360     | F1           | ug/L |   | 42   | 60 - 147    |
| 2,4-Dimethylphenol          | <0.112        | U F1             | 5.68        | 2.523     | F1           | ug/L |   | 44   | 58 - 140    |
| 1,4-Dioxane                 | <0.105        | U F1             | 5.68        | 1.206     | F1           | ug/L |   | 21   | 31 - 145    |
| 2,4-Dinitrophenol           | <1.38         | U                | 5.68        | 2.434     | J            | ug/L |   | 43   | 10 - 150    |
| 2,4-Dinitrotoluene          | <0.512        | U                | 5.68        | 2.369     |              | ug/L |   | 42   | 29 - 150    |
| 2,6-Dinitrotoluene          | <0.273        | U F1             | 5.68        | 2.901     | F1           | ug/L |   | 51   | 55 - 150    |
| 2-Chloronaphthalene         | <0.118        | U F1             | 5.68        | 2.144     | F1           | ug/L |   | 38   | 39 - 141    |
| 2-Methylnaphthalene         | <0.109        | U                | 5.68        | 3.049     |              | ug/L |   | 54   | 33 - 149    |
| 2-Methylphenol              | <0.109        | U F1             | 5.68        | 1.888     | F1           | ug/L |   | 33   | 49 - 140    |
| 2-Nitroaniline              | <0.158        | U                | 5.68        | 2.578     |              | ug/L |   | 45   | 42 - 150    |
| 2-Nitrophenol               | <0.137        | U                | 5.68        | 2.435     |              | ug/L |   | 43   | 43 - 150    |
| 3 & 4 Methylphenol          | <0.0943       | U F1             | 5.68        | 1.645     | F1           | ug/L |   | 29   | 55 - 142    |
| 3-Nitroaniline              | <0.222        | U F1             | 5.68        | 0.8539    | J F1         | ug/L |   | 15   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol  | <1.23         | U                | 5.68        | 2.156     | J            | ug/L |   | 38   | 10 - 150    |
| 4-Bromophenyl phenyl ether  | <0.105        | U F1             | 5.68        | 2.649     | F1           | ug/L |   | 47   | 56 - 136    |
| 4-Chloro-3-methylphenol     | <0.119        | U F1             | 5.68        | 2.489     | F1 I         | ug/L |   | 44   | 52 - 137    |
| 4-Chloroaniline             | <0.0880       | U F1             | 5.68        | 0.2027    | J F1         | ug/L |   | 4    | 10 - 95     |
| 4-Chlorophenyl phenyl ether | <0.0953       | U F1             | 5.68        | 2.724     | F1           | ug/L |   | 48   | 53 - 134    |
| 4-Nitroaniline              | <0.270        | U F1             | 5.68        | 1.836     | F1           | ug/L |   | 32   | 45 - 148    |
| Acenaphthene                | 0.183         | J F1             | 5.68        | 2.504     | F1           | ug/L |   | 41   | 48 - 136    |
| Acenaphthylene              | <0.125        | U                | 5.68        | 2.736     |              | ug/L |   | 48   | 40 - 149    |
| Aniline                     | <0.449        | U F1             | 5.68        | <0.447    | U F1         | ug/L |   | 0    | 10 - 73     |
| Anthracene                  | <0.104        | U F1             | 5.68        | 2.592     | F1           | ug/L |   | 46   | 51 - 146    |
| Benzo[a]anthracene          | <0.127        | U                | 5.68        | 2.965     |              | ug/L |   | 52   | 43 - 145    |
| Benzo[a]pyrene              | <0.107        | U                | 5.68        | 3.049     |              | ug/L |   | 54   | 52 - 136    |
| Benzo[b]fluoranthene        | <0.124        | U                | 5.68        | 3.019     |              | ug/L |   | 53   | 45 - 140    |
| Benzo[g,h,i]perylene        | <0.0902       | U F1             | 5.68        | 2.431     | F1           | ug/L |   | 43   | 44 - 137    |
| Benzo[k]fluoranthene        | <0.123        | U                | 5.68        | 2.732     |              | ug/L |   | 48   | 37 - 140    |
| Benzyl alcohol              | <0.224        | U                | 5.68        | 3.108     | I            | ug/L |   | 55   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | <0.107        | U F1             | 5.68        | 2.612     | F1 I         | ug/L |   | 46   | 52 - 143    |
| Bis(2-chloroethyl)ether     | <0.106        | U F1             | 5.68        | 2.397     | F1           | ug/L |   | 42   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | <0.570        | U                | 5.68        | 4.156     |              | ug/L |   | 73   | 50 - 140    |
| Butyl benzyl phthalate      | <0.336        | U                | 5.68        | 3.736     |              | ug/L |   | 66   | 60 - 150    |
| Chrysene                    | <0.0964       | U                | 5.68        | 2.854     |              | ug/L |   | 50   | 47 - 137    |
| Dibenz(a,h)anthracene       | <0.0849       | U F1             | 5.68        | 2.652     | F1           | ug/L |   | 47   | 50 - 147    |
| Dibenzofuran                | 0.127         | J                | 5.68        | 3.247     |              | ug/L |   | 55   | 52 - 139    |
| Diethyl phthalate           | <0.187        | U F1             | 5.68        | 2.435     | F1           | ug/L |   | 43   | 55 - 137    |
| Dimethyl phthalate          | <0.133        | U                | 5.68        | 2.630     |              | ug/L |   | 46   | 44 - 150    |
| Di-n-butyl phthalate        | <0.659        | U                | 5.68        | 3.801     |              | ug/L |   | 67   | 49 - 146    |
| Di-n-octyl phthalate        | <0.285        | U                | 5.68        | 4.280     |              | ug/L |   | 75   | 55 - 150    |
| Fluoranthene                | <0.120        | U                | 5.68        | 3.069     |              | ug/L |   | 54   | 50 - 144    |
| Fluorene                    | <0.113        | U F1             | 5.68        | 2.633     | F1           | ug/L |   | 46   | 54 - 136    |
| Hexachlorobenzene           | <0.132        | U F1             | 5.68        | 2.554     | F1           | ug/L |   | 45   | 55 - 138    |
| Hexachlorobutadiene         | <0.162        | U                | 5.68        | 2.617     |              | ug/L |   | 46   | 45 - 150    |
| Hexachlorocyclopentadiene   | <0.179        | U                | 5.68        | 1.926     |              | ug/L |   | 34   | 24 - 150    |
| Hexachloroethane            | <0.125        | U                | 5.68        | 4.878     |              | ug/L |   | 86   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | <0.103        | U F1             | 5.68        | 2.474     | F1           | ug/L |   | 44   | 46 - 138    |
| Isophorone                  | <0.106        | U F1             | 5.68        | 2.519     | F1           | ug/L |   | 44   | 48 - 147    |
| Naphthalene                 | <0.114        | U                | 5.68        | 6.307     |              | ug/L |   | 111  | 35 - 141    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-D-11-B MS

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Nitrobenzene                   | <0.152        | U                | 5.68        | 4.641     | I            | ug/L |   | 82   | 52 - 141    |
| N-Nitrosodi-n-propylamine      | <0.147        | U F1             | 5.68        | 2.087     | F1           | ug/L |   | 37   | 41 - 137    |
| N-Nitrosodiphenylamine         | <0.112        | U F1             | 5.68        | 2.531     | F1           | ug/L |   | 45   | 51 - 135    |
| Pentachlorophenol              | <0.312        | U                | 5.68        | 2.712     |              | ug/L |   | 48   | 33 - 150    |
| Phenanthrene                   | <0.107        | U F1             | 5.68        | 2.593     | F1           | ug/L |   | 46   | 54 - 141    |
| Pyrene                         | <0.129        | U                | 5.68        | 2.958     |              | ug/L |   | 52   | 50 - 143    |
| Pyridine                       | <0.835        | U F1             | 5.68        | <0.832    | U F1         | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine            | <0.650        | U F1             | 5.68        | 1.094     | J F1         | ug/L |   | 19   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol      | <0.253        | U F1             | 5.68        | 2.427     | F1           | ug/L |   | 43   | 60 - 150    |
| Acetophenone                   | <0.138        | U F1             | 5.68        | 2.427     | F1           | ug/L |   | 43   | 52 - 136    |
| N-Nitrosopiperidine            | <0.630        | U F1             | 5.68        | 1.723     | F1           | ug/L |   | 30   | 36 - 148    |
| Pentachlorobenzene             | <0.125        | U F1             | 5.68        | 1.907     | F1           | ug/L |   | 34   | 52 - 128    |
| 4-Aminobiphenyl                | <0.195        | U F1             | 5.68        | <0.194    | U F1         | ug/L |   | 0    | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene     | <0.115        | U F1             | 5.68        | 1.941     | F1           | ug/L |   | 34   | 46 - 125    |
| 1,3,5-Trinitrobenzene          | <0.652        | U F1             | 5.68        | 1.794     | F1           | ug/L |   | 32   | 42 - 130    |
| 1,3-Dinitrobenzene             | <0.586        | U F1             | 5.68        | 2.492     | F1           | ug/L |   | 44   | 65 - 150    |
| 1,4-Naphthoquinone             | <0.0611       | U                | 5.68        | 1.725     |              | ug/L |   | 30   | 24 - 137    |
| 1-Naphthylamine                | <0.269        | U F1             | 5.68        | <0.268    | U F1         | ug/L |   | 0    | 10 - 78     |
| 2,6-Dichlorophenol             | <0.0971       | U F1             | 5.68        | 1.934     | F1           | ug/L |   | 34   | 42 - 145    |
| 2-Acetylaminofluorene          | <1.70         | U F2 F1          | 5.68        | 2.324     | J F1         | ug/L |   | 41   | 45 - 150    |
| 2-Chlorophenol                 | <0.102        | U F1             | 5.68        | 2.207     | F1           | ug/L |   | 39   | 51 - 143    |
| 2-Naphthylamine                | <0.411        | U F1             | 5.68        | <0.409    | U F1         | ug/L |   | 0    | 17 - 92     |
| 2-Picoline                     | <1.03         | U F1             | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine                    | <0.424        | U F1             | 5.68        | <0.422    | U F1         | ug/L |   | 0    | 10 - 79     |
| 3,3'-Dichlorobenzidine         | <0.649        | U F1             | 5.68        | <0.646    | U F1         | ug/L |   | 0    | 10 - 128    |
| 3,3'-Dimethylbenzidine         | <0.295        | U F1             | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene           | <0.0880       | U F1             | 5.68        | 2.084     | F1           | ug/L |   | 37   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | <0.635        | U                | 5.68        | 1.161     |              | ug/L |   | 20   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | <0.128        | U                | 5.68        | 2.232     |              | ug/L |   | 39   | 27 - 146    |
| Aramite Peak 1                 | <0.184        | U                | 2.84        | 1.266     |              | ug/L |   | 45   | 45 - 150    |
| Aramite Peak 2                 | <0.203        | U F1             | 2.84        | 1.237     | F1           | ug/L |   | 44   | 45 - 150    |
| Diallate Peak 1                | <0.0747       | U F1             | 4.20        | 1.562     | F1           | ug/L |   | 37   | 47 - 150    |
| Diallate Peak 2                | <0.0298       | U F1             | 1.48        | 0.4826    | J F1         | ug/L |   | 33   | 53 - 142    |
| Ethyl methanesulfonate         | <0.185        | U F1             | 5.68        | 1.390     | F1           | ug/L |   | 24   | 45 - 138    |
| Hexachloropropene              | <0.571        | U F1             | 5.68        | 1.820     | F1           | ug/L |   | 32   | 35 - 140    |
| Isosafrole                     | <0.0230       | U F1             | 5.68        | 2.010     | F1           | ug/L |   | 35   | 47 - 137    |
| Isosafrole Peak 1              | <0.0230       | U F1             | 0.909       | 0.3232    | J F1         | ug/L |   | 36   | 48 - 132    |
| Isosafrole Peak 2              | <0.0983       | U F1             | 4.77        | 1.687     | F1           | ug/L |   | 35   | 47 - 137    |
| Methyl methanesulfonate        | <0.186        | U F1             | 5.68        | 0.7548    | F1           | ug/L |   | 13   | 33 - 140    |
| N-Nitrosodiethylamine          | <0.672        | U F1             | 5.68        | 1.991     | F1           | ug/L |   | 35   | 50 - 136    |
| N-Nitrosodimethylamine         | <0.159        | U F1             | 5.68        | 0.7308    | F1           | ug/L |   | 13   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | <0.723        | U                | 5.68        | 2.095     |              | ug/L |   | 37   | 30 - 150    |
| N-Nitrosomethylethylamine      | <0.700        | U F1             | 5.68        | 1.238     | F1           | ug/L |   | 22   | 30 - 148    |
| N-Nitrosomorpholine            | <0.712        | U F1             | 5.68        | 1.078     | J F1         | ug/L |   | 19   | 40 - 140    |
| N-Nitrosopyrrolidine           | <0.108        | U                | 5.68        | 1.203     |              | ug/L |   | 21   | 20 - 130    |
| p-Dimethylamino azobenzene     | <0.154        | U                | 5.68        | 2.250     |              | ug/L |   | 40   | 16 - 150    |
| Pentachloronitrobenzene        | <0.252        | U                | 5.68        | 2.143     |              | ug/L |   | 38   | 38 - 145    |
| Phenacetin                     | <0.252        | U F1             | 5.68        | 1.961     | F1           | ug/L |   | 35   | 50 - 150    |
| p-Phenylene diamine            | <5.71         | U F1             | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-D-11-B MS

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275601

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Pronamide      | <0.134        | U F1             | 5.68        | 2.137     | F1           | ug/L |   | 38   | 60 - 150    |
| Safrole, Total | <0.0919       | U *- F1          | 5.68        | 1.958     | F1           | ug/L |   | 34   | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) | 33           |              | 26 - 136 |
| 2-Fluorobiphenyl            | 35           | S1-          | 39 - 130 |
| 2-Fluorophenol (Surr)       | 27           |              | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 37           |              | 32 - 133 |
| Phenol-d5 (Surr)            | 18           |              | 8 - 124  |
| p-Terphenyl-d14             | 37           |              | 28 - 130 |

Lab Sample ID: 860-116038-D-11-B MS

Matrix: Water

Analysis Batch: 276737

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine | <1.45         | U                | 5.68        | 3.655     | J I          | ug/L |   | 64   | 5 - 150     |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) | 39           |              | 26 - 136 |
| 2-Fluorobiphenyl            | 32           | S1-          | 39 - 130 |
| 2-Fluorophenol (Surr)       | 21           |              | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 42           |              | 32 - 133 |
| Phenol-d5 (Surr)            | 16           |              | 8 - 124  |
| p-Terphenyl-d14             | 36           |              | 28 - 130 |

Lab Sample ID: 860-116038-D-11-C MSD

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | <0.121        | U F1             | 5.71        | 2.871      | F1            | ug/L |   | 50   | 55 - 120    | 13  | 30        |
| 1,2-Dichlorobenzene          | <0.101        | U F1             | 5.71        | 4.022      |               | ug/L |   | 70   | 65 - 130    | 13  | 30        |
| 1,3-Dichlorobenzene          | <0.108        | U                | 5.71        | 2.875      |               | ug/L |   | 50   | 26 - 130    | 10  | 30        |
| 1,4-Dichlorobenzene          | <0.109        | U                | 5.71        | 4.590      |               | ug/L |   | 80   | 60 - 150    | 17  | 30        |
| 2,2'-oxybis[1-chloropropane] | <1.85         | U F1             | 5.71        | 2.726      | J F1          | ug/L |   | 48   | 65 - 145    | 6   | 30        |
| 2,4,5-Trichlorophenol        | <0.430        | U F1             | 5.71        | 3.419      |               | ug/L |   | 60   | 58 - 150    | 17  | 30        |
| 2,4,6-Trichlorophenol        | <0.117        | U                | 5.71        | 2.744      |               | ug/L |   | 48   | 39 - 145    | 13  | 30        |
| 2,4-Dichlorophenol           | <0.126        | U F1             | 5.71        | 2.881      | F1            | ug/L |   | 50   | 60 - 147    | 20  | 30        |
| 2,4-Dimethylphenol           | <0.112        | U F1             | 5.71        | 3.119      | F1            | ug/L |   | 55   | 58 - 140    | 21  | 30        |
| 1,4-Dioxane                  | <0.105        | U F1             | 5.71        | 1.566      | F1            | ug/L |   | 27   | 31 - 145    | 26  | 30        |
| 2,4-Dinitrophenol            | <1.38         | U                | 5.71        | 3.005      | J             | ug/L |   | 53   | 10 - 150    | 21  | 30        |
| 2,4-Dinitrotoluene           | <0.512        | U                | 5.71        | 2.956      |               | ug/L |   | 52   | 29 - 150    | 22  | 30        |
| 2,6-Dinitrotoluene           | <0.273        | U F1             | 5.71        | 3.422      |               | ug/L |   | 60   | 55 - 150    | 16  | 30        |
| 2-Chloronaphthalene          | <0.118        | U F1             | 5.71        | 2.394      |               | ug/L |   | 42   | 39 - 141    | 11  | 30        |
| 2-Methylnaphthalene          | <0.109        | U                | 5.71        | 3.315      |               | ug/L |   | 58   | 33 - 149    | 8   | 30        |
| 2-Methylphenol               | <0.109        | U F1             | 5.71        | 2.449      | F1            | ug/L |   | 43   | 49 - 140    | 26  | 30        |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-D-11-C MSD

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2-Nitroaniline              | <0.158        | U                | 5.71        | 3.108      |               | ug/L |   | 54   | 42 - 150    | 19  | 30        |
| 2-Nitrophenol               | <0.137        | U                | 5.71        | 2.998      |               | ug/L |   | 52   | 43 - 150    | 21  | 30        |
| 3 & 4 Methylphenol          | <0.0943       | U F1             | 5.71        | 2.199      | F1            | ug/L |   | 38   | 55 - 142    | 29  | 30        |
| 3-Nitroaniline              | <0.222        | U F1             | 5.71        | 0.7503     | J F1          | ug/L |   | 13   | 25 - 119    | 13  | 30        |
| 4,6-Dinitro-2-methylphenol  | <1.23         | U                | 5.71        | 2.699      | J             | ug/L |   | 47   | 10 - 150    | 22  | 30        |
| 4-Bromophenyl phenyl ether  | <0.105        | U F1             | 5.71        | 3.022      | F1            | ug/L |   | 53   | 56 - 136    | 13  | 30        |
| 4-Chloro-3-methylphenol     | <0.119        | U F1             | 5.71        | 3.107      | I             | ug/L |   | 54   | 52 - 137    | 22  | 30        |
| 4-Chloroaniline             | <0.0880       | U F1             | 5.71        | 0.1669     | J I F1        | ug/L |   | 3    | 10 - 95     | 19  | 30        |
| 4-Chlorophenyl phenyl ether | <0.0953       | U F1             | 5.71        | 3.076      |               | ug/L |   | 54   | 53 - 134    | 12  | 30        |
| 4-Nitroaniline              | <0.270        | U F1             | 5.71        | 2.020      | F1            | ug/L |   | 35   | 45 - 148    | 10  | 30        |
| Acenaphthene                | 0.183         | J F1             | 5.71        | 2.948      |               | ug/L |   | 48   | 48 - 136    | 16  | 30        |
| Acenaphthylene              | <0.125        | U                | 5.71        | 2.966      |               | ug/L |   | 52   | 40 - 149    | 8   | 30        |
| Aniline                     | <0.449        | U F1             | 5.71        | <0.450     | U F1          | ug/L |   | 0    | 10 - 73     | NC  | 30        |
| Anthracene                  | <0.104        | U F1             | 5.71        | 3.028      |               | ug/L |   | 53   | 51 - 146    | 16  | 30        |
| Benzo[a]anthracene          | <0.127        | U                | 5.71        | 3.308      |               | ug/L |   | 58   | 43 - 145    | 11  | 30        |
| Benzo[a]pyrene              | <0.107        | U                | 5.71        | 3.563      |               | ug/L |   | 62   | 52 - 136    | 16  | 30        |
| Benzo[b]fluoranthene        | <0.124        | U                | 5.71        | 3.365      |               | ug/L |   | 59   | 45 - 140    | 11  | 30        |
| Benzo[g,h,i]perylene        | <0.0902       | U F1             | 5.71        | 2.879      |               | ug/L |   | 50   | 44 - 137    | 17  | 30        |
| Benzo[k]fluoranthene        | <0.123        | U                | 5.71        | 2.985      |               | ug/L |   | 52   | 37 - 140    | 9   | 30        |
| Benzyl alcohol              | <0.224        | U                | 5.71        | 3.658      | I             | ug/L |   | 64   | 40 - 133    | 16  | 30        |
| Bis(2-chloroethoxy)methane  | <0.107        | U F1             | 5.71        | 3.081      | I             | ug/L |   | 54   | 52 - 143    | 16  | 30        |
| Bis(2-chloroethyl)ether     | <0.106        | U F1             | 5.71        | 2.765      | F1            | ug/L |   | 48   | 52 - 140    | 14  | 30        |
| Bis(2-ethylhexyl) phthalate | <0.570        | U                | 5.71        | 4.731      |               | ug/L |   | 83   | 50 - 140    | 13  | 30        |
| Butyl benzyl phthalate      | <0.336        | U                | 5.71        | 4.343      |               | ug/L |   | 76   | 60 - 150    | 15  | 30        |
| Chrysene                    | <0.0964       | U                | 5.71        | 3.197      |               | ug/L |   | 56   | 47 - 137    | 11  | 30        |
| Dibenz(a,h)anthracene       | <0.0849       | U F1             | 5.71        | 3.116      |               | ug/L |   | 55   | 50 - 147    | 16  | 30        |
| Dibenzofuran                | 0.127         | J                | 5.71        | 4.073      |               | ug/L |   | 69   | 52 - 139    | 23  | 30        |
| Diethyl phthalate           | <0.187        | U F1             | 5.71        | 2.916      | F1            | ug/L |   | 51   | 55 - 137    | 18  | 30        |
| Dimethyl phthalate          | <0.133        | U                | 5.71        | 3.129      |               | ug/L |   | 55   | 44 - 150    | 17  | 30        |
| Di-n-butyl phthalate        | <0.659        | U                | 5.71        | 4.235      |               | ug/L |   | 74   | 49 - 146    | 11  | 30        |
| Di-n-octyl phthalate        | <0.285        | U                | 5.71        | 4.848      |               | ug/L |   | 85   | 55 - 150    | 12  | 30        |
| Fluoranthene                | <0.120        | U                | 5.71        | 3.513      |               | ug/L |   | 61   | 50 - 144    | 13  | 30        |
| Fluorene                    | <0.113        | U F1             | 5.71        | 3.042      | F1            | ug/L |   | 53   | 54 - 136    | 14  | 30        |
| Hexachlorobenzene           | <0.132        | U F1             | 5.71        | 2.828      | F1            | ug/L |   | 49   | 55 - 138    | 10  | 30        |
| Hexachlorobutadiene         | <0.162        | U                | 5.71        | 2.756      |               | ug/L |   | 48   | 45 - 150    | 5   | 30        |
| Hexachlorocyclopentadiene   | <0.179        | U                | 5.71        | 2.245      |               | ug/L |   | 39   | 24 - 150    | 15  | 30        |
| Hexachloroethane            | <0.125        | U                | 5.71        | 5.876      |               | ug/L |   | 103  | 30 - 130    | 19  | 30        |
| Indeno[1,2,3-cd]pyrene      | <0.103        | U F1             | 5.71        | 2.931      |               | ug/L |   | 51   | 46 - 138    | 17  | 30        |
| Isophorone                  | <0.106        | U F1             | 5.71        | 3.011      |               | ug/L |   | 53   | 48 - 147    | 18  | 30        |
| Naphthalene                 | <0.114        | U                | 5.71        | 8.067      |               | ug/L |   | 141  | 35 - 141    | 24  | 30        |
| Nitrobenzene                | <0.152        | U                | 5.71        | 4.999      | I             | ug/L |   | 87   | 52 - 141    | 7   | 30        |
| N-Nitrosodi-n-propylamine   | <0.147        | U F1             | 5.71        | 2.528      |               | ug/L |   | 44   | 41 - 137    | 19  | 30        |
| N-Nitrosodiphenylamine      | <0.112        | U F1             | 5.71        | 2.996      |               | ug/L |   | 52   | 51 - 135    | 17  | 30        |
| Pentachlorophenol           | <0.312        | U                | 5.71        | 3.471      |               | ug/L |   | 61   | 33 - 150    | 25  | 30        |
| Phenanthrene                | <0.107        | U F1             | 5.71        | 3.028      | F1            | ug/L |   | 53   | 54 - 141    | 15  | 30        |
| Pyrene                      | <0.129        | U                | 5.71        | 3.431      |               | ug/L |   | 60   | 50 - 143    | 15  | 30        |
| Pyridine                    | <0.835        | U F1             | 5.71        | <0.837     | U F1          | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine         | <0.650        | U F1             | 5.71        | 1.033      | J F1          | ug/L |   | 18   | 29 - 141    | 6   | 30        |
| 2,3,4,6-Tetrachlorophenol   | <0.253        | U F1             | 5.71        | 2.890      | F1            | ug/L |   | 51   | 60 - 150    | 17  | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-D-11-C MSD

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Acetophenone                   | <0.138        | U F1             | 5.71        | 2.693      | F1            | ug/L |   | 47   | 52 - 136    | 10  | 30        |
| N-Nitrosopiperidine            | <0.630        | U F1             | 5.71        | 2.155      |               | ug/L |   | 38   | 36 - 148    | 22  | 30        |
| Pentachlorobenzene             | <0.125        | U F1             | 5.71        | 2.159      | F1            | ug/L |   | 38   | 52 - 128    | 12  | 30        |
| 4-Aminobiphenyl                | <0.195        | U F1             | 5.71        | <0.195     | U F1          | ug/L |   | 0    | 10 - 115    | NC  | 30        |
| 1,2,4,5-Tetrachlorobenzene     | <0.115        | U F1             | 5.71        | 2.115      | F1            | ug/L |   | 37   | 46 - 125    | 9   | 30        |
| 1,3,5-Trinitrobenzene          | <0.652        | U F1             | 5.71        | 1.960      | F1            | ug/L |   | 34   | 42 - 130    | 9   | 30        |
| 1,3-Dinitrobenzene             | <0.586        | U F1             | 5.71        | 3.176      | F1            | ug/L |   | 56   | 65 - 150    | 24  | 30        |
| 1,4-Naphthoquinone             | <0.0611       | U                | 5.71        | 2.034      |               | ug/L |   | 36   | 24 - 137    | 16  | 30        |
| 1-Naphthylamine                | <0.269        | U F1             | 5.71        | <0.269     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 2,6-Dichlorophenol             | <0.0971       | U F1             | 5.71        | 2.354      | F1            | ug/L |   | 41   | 42 - 145    | 20  | 30        |
| 2-Acetylaminofluorene          | <1.70         | U F2 F1          | 5.71        | 3.294      | F2            | ug/L |   | 58   | 45 - 150    | 35  | 30        |
| 2-Chlorophenol                 | <0.102        | U F1             | 5.71        | 2.667      | F1            | ug/L |   | 47   | 51 - 143    | 19  | 30        |
| 2-Naphthylamine                | <0.411        | U F1             | 5.71        | <0.412     | U F1          | ug/L |   | 0    | 17 - 92     | NC  | 30        |
| 2-Picoline                     | <1.03         | U F1             | 5.71        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine                    | <0.424        | U F1             | 5.71        | 0.4677     | J F1          | ug/L |   | 8    | 10 - 79     | NC  | 30        |
| 3,3'-Dichlorobenzidine         | <0.649        | U F1             | 5.71        | <0.650     | U F1          | ug/L |   | 0    | 10 - 128    | NC  | 30        |
| 3,3'-Dimethylbenzidine         | <0.295        | U F1             | 5.71        | <0.295     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene           | <0.0880       | U F1             | 5.71        | 2.464      | F1            | ug/L |   | 43   | 53 - 130    | 17  | 30        |
| 4-Nitroquinoline-1-oxide       | <0.635        | U                | 5.71        | 1.444      |               | ug/L |   | 25   | 20 - 140    | 22  | 30        |
| 7,12-Dimethylbenz(a)anthracene | <0.128        | U                | 5.71        | 2.451      |               | ug/L |   | 43   | 27 - 146    | 9   | 30        |
| Aramite Peak 1                 | <0.184        | U                | 2.86        | 1.542      |               | ug/L |   | 54   | 45 - 150    | 20  | 30        |
| Aramite Peak 2                 | <0.203        | U F1             | 2.86        | 1.439      |               | ug/L |   | 50   | 45 - 150    | 15  | 30        |
| Diallate Peak 1                | <0.0747       | U F1             | 4.23        | 1.746      | F1            | ug/L |   | 41   | 47 - 150    | 11  | 30        |
| Diallate Peak 2                | <0.0298       | U F1             | 1.49        | 0.5702     | J F1          | ug/L |   | 38   | 53 - 142    | 17  | 30        |
| Ethyl methanesulfonate         | <0.185        | U F1             | 5.71        | 1.691      | F1            | ug/L |   | 30   | 45 - 138    | 20  | 30        |
| Hexachloropropene              | <0.571        | U F1             | 5.71        | 2.068      |               | ug/L |   | 36   | 35 - 140    | 13  | 30        |
| Isosafrole                     | <0.0230       | U F1             | 5.71        | 2.207      | F1            | ug/L |   | 39   | 47 - 137    | 9   | 30        |
| Isosafrole Peak 1              | <0.0230       | U F1             | 0.914       | 0.3555     | J F1          | ug/L |   | 39   | 48 - 132    | 10  | 30        |
| Isosafrole Peak 2              | <0.0983       | U F1             | 4.80        | 1.851      | F1            | ug/L |   | 39   | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate        | <0.186        | U F1             | 5.71        | 0.9156     | F1            | ug/L |   | 16   | 33 - 140    | 19  | 30        |
| N-Nitrosodiethylamine          | <0.672        | U F1             | 5.71        | 2.307      | F1            | ug/L |   | 40   | 50 - 136    | 15  | 30        |
| N-Nitrosodimethylamine         | <0.159        | U F1             | 5.71        | 0.9409     | F1            | ug/L |   | 16   | 33 - 148    | 25  | 30        |
| N-Nitrosodi-n-butylamine       | <0.723        | U                | 5.71        | 2.524      |               | ug/L |   | 44   | 30 - 150    | 19  | 30        |
| N-Nitrosomethylethylamine      | <0.700        | U F1             | 5.71        | 1.562      | F1            | ug/L |   | 27   | 30 - 148    | 23  | 30        |
| N-Nitrosomorpholine            | <0.712        | U F1             | 5.71        | 1.364      | F1            | ug/L |   | 24   | 40 - 140    | 23  | 30        |
| N-Nitrosopyrrolidine           | <0.108        | U                | 5.71        | 1.538      |               | ug/L |   | 27   | 20 - 130    | 24  | 30        |
| p-Dimethylamino azobenzene     | <0.154        | U                | 5.71        | 1.718      |               | ug/L |   | 30   | 16 - 150    | 27  | 30        |
| Pentachloronitrobenzene        | <0.252        | U                | 5.71        | 2.749      |               | ug/L |   | 48   | 38 - 145    | 25  | 30        |
| Phenacetin                     | <0.252        | U F1             | 5.71        | 2.565      | F1            | ug/L |   | 45   | 50 - 150    | 27  | 30        |
| p-Phenylene diamine            | <5.71         | U F1             | 5.71        | <5.71      | U F1          | ug/L |   | 0    | 5 - 112     | NC  | 30        |
| Pronamide                      | <0.134        | U F1             | 5.71        | 2.666      | F1            | ug/L |   | 47   | 60 - 150    | 22  | 30        |
| Safrole, Total                 | <0.0919       | U *- F1          | 5.71        | 2.220      | F1            | ug/L |   | 39   | 70 - 130    | 13  | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 41            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 39            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 35            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 42            |               | 32 - 133 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116038-D-11-C MSD

Matrix: Water

Analysis Batch: 276089

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275601

|                  | MSD       | MSD       |          |
|------------------|-----------|-----------|----------|
| Surrogate        | %Recovery | Qualifier | Limits   |
| Phenol-d5 (Surr) | 25        |           | 8 - 124  |
| p-Terphenyl-d14  | 43        |           | 28 - 130 |

Lab Sample ID: 860-116038-D-11-C MSD

Matrix: Water

Analysis Batch: 276737

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275601

| Analyte                             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | <1.45         | U                | 5.71        | 3.231      | J I           | ug/L |   | 57   | 5 - 150     | 12  | 30        |

|                             | MSD       | MSD       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 46        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 35        | S1-       | 39 - 130 |
| 2-Fluorophenol (Surr)       | 28        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 47        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  |
| p-Terphenyl-d14             | 41        |           | 28 - 130 |

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

|                              | MB      | MB        |       |        |      |   |                |                |     |     |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|-----|-----|
| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil | Fac |
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1   |     |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,1'-Biphenyl               | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Aminobiphenyl             | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                           | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                                   | Result  | Qualifier |       |        |      |   |                |                |         |
| 1,3,5-Trinitrobenzene             | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3-Dinitrobenzene                | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Naphthoquinone                | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1-Naphthylamine                   | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,6-Dichlorophenol                | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Acetylaminofluorene             | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Chlorophenol                    | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Naphthylamine                   | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Picoline                        | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Toluidine                       | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dichlorobenzidine            | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dimethylbenzidine            | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3-Methylcholanthrene              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 1                    | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 2                    | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite, Total                    | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate                          | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 1                   | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 2                   | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethoate                        | <0.499  | U         | 2.86  | 0.499  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dinoseb                           | <0.676  | U         | 2.86  | 0.676  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Disulfoton                        | <2.15   | U         | 2.86  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl methanesulfonate            | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl Parathion                   | <0.625  | U         | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Famphur                           | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloropropene                 | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole                        | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 1                 | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 2                 | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methapyrilene                     | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl methanesulfonate           | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl parathion                  | <2.76   | U         | 2.86  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiethylamine             | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodimethylamine            | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-butylamine          | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomethylethylamine         | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomorpholine               | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Dimethylamino azobenzene        | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachloronitrobenzene           | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenacetin                        | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phorate                           | <2.61   | U         | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Phenylene diamine               | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pronamide                         | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Safrole, Total                    | <0.0920 | U         | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Sulfotepp                         | <0.471  | U         | 1.14  | 0.471  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | MB Result | MB Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|----------|-------|------|---|----------------|----------------|---------|
| Thionazin                   | <0.340    | U            | 1.14     | 0.340 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Surrogate                   | %Recovery | MB Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 59        |              | 26 - 136 |       |      |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorobiphenyl            | 72        |              | 39 - 130 |       |      |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorophenol (Surr)       | 74        |              | 19 - 120 |       |      |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |              | 32 - 133 |       |      |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol-d5 (Surr)            | 69        |              | 8 - 124  |       |      |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Terphenyl-d14             | 73        |              | 28 - 130 |       |      |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | MB Result | MB Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|----------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71     | 1.45 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Surrogate                           | %Recovery | MB Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 59        |              | 26 - 136 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorobiphenyl                    | 64        |              | 39 - 130 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorophenol (Surr)               | 73        |              | 19 - 120 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Nitrobenzene-d5 (Surr)              | 61        |              | 32 - 133 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Phenol-d5 (Surr)                    | 57        |              | 8 - 124  |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| p-Terphenyl-d14                     | 66        |              | 28 - 130 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.890      |               | ug/L |   | 86   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 4.797      |               | ug/L |   | 84   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 4.784      |               | ug/L |   | 84   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 4.719      |               | ug/L |   | 83   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.713      |               | ug/L |   | 82   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 5.156      |               | ug/L |   | 90   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.700      |               | ug/L |   | 82   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 4.412      |               | ug/L |   | 77   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 4.495      |               | ug/L |   | 79   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 3.630      |               | ug/L |   | 64   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 5.424      | J             | ug/L |   | 95   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 5.095      |               | ug/L |   | 89   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 5.087      |               | ug/L |   | 89   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 4.521      |               | ug/L |   | 79   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 4.571      |               | ug/L |   | 80   | 33 - 149    |
| 2-Methylphenol               | 5.71        | 5.441      |               | ug/L |   | 95   | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 5.111      |               | ug/L |   | 89   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 5.360      |               | ug/L |   | 94   | 43 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 3 & 4 Methylphenol          | 5.71        | 4.462      |               | ug/L |   | 78   | 39 - 142    |
| 3-Nitroaniline              | 5.71        | 3.469      |               | ug/L |   | 61   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 4.848      |               | ug/L |   | 85   | 10 - 150    |
| 4-Bromophenyl phenyl ether  | 5.71        | 4.872      |               | ug/L |   | 85   | 56 - 136    |
| 4-Chloro-3-methylphenol     | 5.71        | 4.498      |               | ug/L |   | 79   | 52 - 137    |
| 4-Chloroaniline             | 5.71        | 1.938      |               | ug/L |   | 34   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | 5.71        | 4.612      |               | ug/L |   | 81   | 53 - 134    |
| 4-Nitroaniline              | 5.71        | 4.549      |               | ug/L |   | 80   | 45 - 148    |
| Acenaphthene                | 5.71        | 4.673      |               | ug/L |   | 82   | 48 - 136    |
| Acenaphthylene              | 5.71        | 4.525      |               | ug/L |   | 79   | 40 - 149    |
| Aniline                     | 5.71        | 0.8245     | J             | ug/L |   | 14   | 10 - 73     |
| Anthracene                  | 5.71        | 4.865      |               | ug/L |   | 85   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 4.592      |               | ug/L |   | 80   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 4.904      |               | ug/L |   | 86   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 4.863      |               | ug/L |   | 85   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 4.552      | I             | ug/L |   | 80   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.592      |               | ug/L |   | 80   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 2.638      | J             | ug/L |   | 46   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.728      |               | ug/L |   | 83   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.141      |               | ug/L |   | 90   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.972      |               | ug/L |   | 70   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.799      |               | ug/L |   | 84   | 60 - 150    |
| Chrysene                    | 5.71        | 4.820      |               | ug/L |   | 84   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.820      |               | ug/L |   | 84   | 50 - 147    |
| Dibenzofuran                | 5.71        | 4.957      |               | ug/L |   | 87   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.636      |               | ug/L |   | 81   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.703      |               | ug/L |   | 82   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.672      |               | ug/L |   | 82   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 4.969      |               | ug/L |   | 87   | 55 - 150    |
| Fluoranthene                | 5.71        | 4.611      |               | ug/L |   | 81   | 50 - 144    |
| Fluorene                    | 5.71        | 4.656      |               | ug/L |   | 81   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 4.878      |               | ug/L |   | 85   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 4.550      |               | ug/L |   | 80   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 5.403      |               | ug/L |   | 95   | 24 - 150    |
| Hexachloroethane            | 5.71        | 5.028      |               | ug/L |   | 88   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.646      |               | ug/L |   | 81   | 46 - 138    |
| Isophorone                  | 5.71        | 4.518      |               | ug/L |   | 79   | 48 - 147    |
| Naphthalene                 | 5.71        | 4.538      |               | ug/L |   | 79   | 35 - 141    |
| Nitrobenzene                | 5.71        | 4.976      |               | ug/L |   | 87   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.909      |               | ug/L |   | 86   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 4.835      |               | ug/L |   | 85   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 4.419      |               | ug/L |   | 77   | 33 - 150    |
| Phenanthrene                | 5.71        | 4.998      |               | ug/L |   | 87   | 54 - 141    |
| Phenol                      | 5.71        | 4.213      |               | ug/L |   | 74   | 40 - 145    |
| Pyrene                      | 5.71        | 4.870      |               | ug/L |   | 85   | 50 - 143    |
| Pyridine                    | 5.71        | <0.837     | U             | ug/L |   | 10   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.433      |               | ug/L |   | 60   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.278      |               | ug/L |   | 92   | 60 - 150    |
| Acetophenone                | 5.71        | 3.671      |               | ug/L |   | 64   | 52 - 136    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| N-Nitrosopiperidine            | 5.71        | 3.571      |               | ug/L |   | 62   | 36 - 148    |
| Pentachlorobenzene             | 5.71        | 3.768      |               | ug/L |   | 66   | 52 - 128    |
| Diphenyl ether                 | 5.71        | 3.685      |               | ug/L |   | 64   | 46 - 130    |
| 1,1'-Biphenyl                  | 5.71        | 3.574      |               | ug/L |   | 63   | 39 - 142    |
| 4-Aminobiphenyl                | 5.71        | 1.476      |               | ug/L |   | 26   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 3.759      |               | ug/L |   | 66   | 46 - 125    |
| 1,3,5-Trinitrobenzene          | 5.71        | 3.670      |               | ug/L |   | 64   | 42 - 130    |
| 1,3-Dinitrobenzene             | 5.71        | 5.872      |               | ug/L |   | 103  | 65 - 150    |
| 1,4-Naphthoquinone             | 5.71        | 3.468      |               | ug/L |   | 61   | 24 - 137    |
| 1-Naphthylamine                | 5.71        | 1.436      |               | ug/L |   | 25   | 10 - 130    |
| 2,6-Dichlorophenol             | 5.71        | 3.482      |               | ug/L |   | 61   | 42 - 145    |
| 2-Acetylaminofluorene          | 5.71        | 4.221      |               | ug/L |   | 74   | 45 - 150    |
| 2-Chlorophenol                 | 5.71        | 4.912      |               | ug/L |   | 86   | 51 - 143    |
| 2-Naphthylamine                | 5.71        | 1.526      |               | ug/L |   | 27   | 17 - 130    |
| 2-Picoline                     | 5.71        | <1.03      | U *-          | ug/L |   | 4    | 10 - 143    |
| 2-Toluidine                    | 5.71        | 1.663      |               | ug/L |   | 29   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.7307     | J             | ug/L |   | 13   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295     | U *-          | ug/L |   | 5    | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 3.564      |               | ug/L |   | 62   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.113      |               | ug/L |   | 72   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.502      |               | ug/L |   | 61   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 2.028      |               | ug/L |   | 71   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.967      |               | ug/L |   | 69   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.786      |               | ug/L |   | 66   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 1.046      |               | ug/L |   | 70   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.769      |               | ug/L |   | 66   | 45 - 138    |
| Hexachloropropene              | 5.71        | 4.259      |               | ug/L |   | 75   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.699      |               | ug/L |   | 65   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.5832     |               | ug/L |   | 64   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 3.116      |               | ug/L |   | 65   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.749      |               | ug/L |   | 66   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.856      |               | ug/L |   | 67   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.990      |               | ug/L |   | 87   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.240      |               | ug/L |   | 74   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.803      |               | ug/L |   | 67   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.842      |               | ug/L |   | 67   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.849      |               | ug/L |   | 67   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 3.989      |               | ug/L |   | 70   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 4.239      |               | ug/L |   | 74   | 38 - 145    |
| Phenacetin                     | 5.71        | 3.851      |               | ug/L |   | 67   | 50 - 150    |
| p-Phenylene diamine            | 5.71        | <5.71      | U *-          | ug/L |   | 0    | 5 - 112     |
| Pronamide                      | 5.71        | 3.965      |               | ug/L |   | 69   | 60 - 150    |
| Safrole, Total                 | 5.71        | 3.567      | *-            | ug/L |   | 62   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 68            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 74            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 73            |               | 19 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

|                        | LCS       | LCS       |          |
|------------------------|-----------|-----------|----------|
| Surrogate              | %Recovery | Qualifier | Limits   |
| Nitrobenzene-d5 (Surr) | 75        |           | 32 - 133 |
| Phenol-d5 (Surr)       | 72        |           | 8 - 124  |
| p-Terphenyl-d14        | 74        |           | 28 - 130 |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45      | U *           | ug/L |   | 0    | 5 - 150     |

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 68        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 74        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 61        |           | 8 - 124  |
| p-Terphenyl-d14             | 70        |           | 28 - 130 |

Lab Sample ID: LCS 860-275662/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Aramite Peak 1                   | 1.43        | 1.185      |               | ug/L |   | 83   | 45 - 150    |
| Aramite Peak 2                   | 1.43        | 0.9471     |               | ug/L |   | 66   | 45 - 150    |
| Aramite, Total                   | 2.86        | <0.184     | U             | ug/L |   | 0    | 45 - 150    |
| Diallate                         | 2.86        | <0.0299    | U             | ug/L |   | 0    | 47 - 150    |
| Diallate Peak 1                  | 2.11        | 1.309      |               | ug/L |   | 62   | 47 - 150    |
| Diallate Peak 2                  | 0.743       | 0.5409     | J             | ug/L |   | 73   | 53 - 142    |
| Dimethoate                       | 2.86        | 9.155      | *+            | ug/L |   | 320  | 70 - 150    |
| Dinoseb                          | 5.71        | 9.349      | *+            | ug/L |   | 164  | 10 - 150    |
| Disulfoton                       | 2.86        | 7.673      | *+            | ug/L |   | 269  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 8.048      | *+            | ug/L |   | 282  | 70 - 150    |
| Famphur                          | 2.86        | 3.746      |               | ug/L |   | 131  | 10 - 150    |
| Methapyrilene                    | 5.71        | 7.761      |               | ug/L |   | 136  | 10 - 150    |
| Methyl parathion                 | 2.86        | 7.995      | *+            | ug/L |   | 280  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.839      |               | ug/L |   | 99   | 38 - 150    |
| Phorate                          | 2.86        | 8.117      | *+            | ug/L |   | 284  | 65 - 150    |
| Sulfotepp                        | 2.86        | 7.899      | *+            | ug/L |   | 276  | 28 - 150    |
| Thionazin                        | 2.86        | 4.083      | *+            | ug/L |   | 143  | 40 - 140    |

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 73        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

|                  | LCS       | LCS       |          |
|------------------|-----------|-----------|----------|
| Surrogate        | %Recovery | Qualifier | Limits   |
| Phenol-d5 (Surr) | 68        |           | 8 - 124  |
| p-Terphenyl-d14  | 70        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.155       |                | ug/L |   | 90   | 55 - 120    | 5   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.815       |                | ug/L |   | 84   | 65 - 130    | 0   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.799       |                | ug/L |   | 84   | 26 - 130    | 0   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 4.774       |                | ug/L |   | 84   | 60 - 150    | 1   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.526       |                | ug/L |   | 79   | 65 - 145    | 4   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.839       |                | ug/L |   | 85   | 58 - 150    | 6   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.436       |                | ug/L |   | 78   | 39 - 145    | 6   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.555       |                | ug/L |   | 80   | 60 - 147    | 3   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.764       |                | ug/L |   | 83   | 58 - 140    | 6   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.607       |                | ug/L |   | 63   | 31 - 145    | 1   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 4.976       | J              | ug/L |   | 87   | 10 - 150    | 9   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 5.360       |                | ug/L |   | 94   | 29 - 150    | 5   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 5.312       |                | ug/L |   | 93   | 55 - 150    | 4   | 30        |
| 2-Chloronaphthalene          | 5.71        | 4.534       |                | ug/L |   | 79   | 39 - 141    | 0   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.823       |                | ug/L |   | 84   | 33 - 149    | 5   | 30        |
| 2-Methylphenol               | 5.71        | 5.211       |                | ug/L |   | 91   | 49 - 140    | 4   | 30        |
| 2-Nitroaniline               | 5.71        | 5.184       |                | ug/L |   | 91   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol                | 5.71        | 5.548       |                | ug/L |   | 97   | 43 - 150    | 3   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 4.144       |                | ug/L |   | 73   | 39 - 142    | 7   | 30        |
| 3-Nitroaniline               | 5.71        | 3.526       |                | ug/L |   | 62   | 25 - 130    | 2   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 5.186       |                | ug/L |   | 91   | 10 - 150    | 7   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.161       |                | ug/L |   | 90   | 56 - 136    | 6   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.593       |                | ug/L |   | 80   | 52 - 137    | 2   | 30        |
| 4-Chloroaniline              | 5.71        | 1.944       |                | ug/L |   | 34   | 10 - 95     | 0   | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.914       |                | ug/L |   | 86   | 53 - 134    | 6   | 30        |
| 4-Nitroaniline               | 5.71        | 5.257       |                | ug/L |   | 92   | 45 - 148    | 14  | 30        |
| Acenaphthene                 | 5.71        | 4.980       |                | ug/L |   | 87   | 48 - 136    | 6   | 30        |
| Acenaphthylene               | 5.71        | 4.738       |                | ug/L |   | 83   | 40 - 149    | 5   | 30        |
| Aniline                      | 5.71        | 0.6084      | J              | ug/L |   | 11   | 10 - 73     | 30  | 30        |
| Anthracene                   | 5.71        | 4.766       |                | ug/L |   | 83   | 51 - 146    | 2   | 30        |
| Benzo[a]anthracene           | 5.71        | 4.802       |                | ug/L |   | 84   | 43 - 145    | 4   | 30        |
| Benzo[a]pyrene               | 5.71        | 5.127       |                | ug/L |   | 90   | 52 - 136    | 4   | 30        |
| Benzo[b]fluoranthene         | 5.71        | 5.016       |                | ug/L |   | 88   | 45 - 140    | 3   | 30        |
| Benzo[g,h,i]perylene         | 5.71        | 4.820       | I              | ug/L |   | 84   | 44 - 137    | 6   | 30        |
| Benzo[k]fluoranthene         | 5.71        | 4.954       |                | ug/L |   | 87   | 37 - 140    | 8   | 30        |
| Benzyl alcohol               | 5.71        | 1.877       | J *- *1        | ug/L |   | 33   | 40 - 133    | 34  | 30        |
| Bis(2-chloroethoxy)methane   | 5.71        | 5.019       |                | ug/L |   | 88   | 52 - 143    | 6   | 30        |
| Bis(2-chloroethyl)ether      | 5.71        | 5.150       |                | ug/L |   | 90   | 52 - 140    | 0   | 30        |
| Bis(2-ethylhexyl) phthalate  | 5.71        | 4.121       |                | ug/L |   | 72   | 50 - 140    | 4   | 30        |
| Butyl benzyl phthalate       | 5.71        | 4.677       |                | ug/L |   | 82   | 60 - 150    | 3   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Chrysene                       | 5.71        | 5.027       |                | ug/L |   | 88   | 47 - 137    | 4   | 30        |
| Dibenz(a,h)anthracene          | 5.71        | 4.993       |                | ug/L |   | 87   | 50 - 147    | 4   | 30        |
| Dibenzofuran                   | 5.71        | 5.248       |                | ug/L |   | 92   | 52 - 139    | 6   | 30        |
| Diethyl phthalate              | 5.71        | 4.564       |                | ug/L |   | 80   | 55 - 137    | 2   | 30        |
| Dimethyl phthalate             | 5.71        | 4.776       |                | ug/L |   | 84   | 44 - 150    | 2   | 30        |
| Di-n-butyl phthalate           | 5.71        | 4.669       |                | ug/L |   | 82   | 49 - 146    | 0   | 30        |
| Di-n-octyl phthalate           | 5.71        | 5.243       |                | ug/L |   | 92   | 55 - 150    | 5   | 30        |
| Fluoranthene                   | 5.71        | 4.530       |                | ug/L |   | 79   | 50 - 144    | 2   | 30        |
| Fluorene                       | 5.71        | 4.914       |                | ug/L |   | 86   | 54 - 136    | 5   | 30        |
| Hexachlorobenzene              | 5.71        | 4.708       |                | ug/L |   | 82   | 55 - 138    | 4   | 30        |
| Hexachlorobutadiene            | 5.71        | 4.660       |                | ug/L |   | 82   | 45 - 150    | 2   | 30        |
| Hexachlorocyclopentadiene      | 5.71        | 5.808       |                | ug/L |   | 102  | 24 - 150    | 7   | 30        |
| Hexachloroethane               | 5.71        | 4.892       |                | ug/L |   | 86   | 30 - 130    | 3   | 30        |
| Indeno[1,2,3-cd]pyrene         | 5.71        | 4.826       |                | ug/L |   | 84   | 46 - 138    | 4   | 30        |
| Isophorone                     | 5.71        | 4.726       |                | ug/L |   | 83   | 48 - 147    | 5   | 30        |
| Naphthalene                    | 5.71        | 4.726       |                | ug/L |   | 83   | 35 - 141    | 4   | 30        |
| Nitrobenzene                   | 5.71        | 4.574       |                | ug/L |   | 80   | 52 - 141    | 8   | 30        |
| N-Nitrosodi-n-propylamine      | 5.71        | 4.802       |                | ug/L |   | 84   | 41 - 137    | 2   | 30        |
| N-Nitrosodiphenylamine         | 5.71        | 5.104       |                | ug/L |   | 89   | 51 - 135    | 5   | 30        |
| Pentachlorophenol              | 5.71        | 3.761       |                | ug/L |   | 66   | 33 - 150    | 16  | 30        |
| Phenanthrene                   | 5.71        | 4.844       |                | ug/L |   | 85   | 54 - 141    | 3   | 30        |
| Phenol                         | 5.71        | 4.244       |                | ug/L |   | 74   | 40 - 145    | 1   | 30        |
| Pyrene                         | 5.71        | 4.638       |                | ug/L |   | 81   | 50 - 143    | 5   | 30        |
| Pyridine                       | 5.71        | <0.837      | U *- *1        | ug/L |   | 3    | 10 - 84     | 94  | 30        |
| N-Nitro-o-toluidine            | 5.71        | 3.568       |                | ug/L |   | 62   | 29 - 141    | 4   | 30        |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 5.033       |                | ug/L |   | 88   | 60 - 150    | 5   | 30        |
| Acetophenone                   | 5.71        | 3.653       |                | ug/L |   | 64   | 52 - 136    | 0   | 30        |
| N-Nitrosopiperidine            | 5.71        | 3.937       |                | ug/L |   | 69   | 36 - 148    | 10  | 30        |
| Pentachlorobenzene             | 5.71        | 4.012       |                | ug/L |   | 70   | 52 - 128    | 6   | 30        |
| Diphenyl ether                 | 5.71        | 3.793       |                | ug/L |   | 66   | 46 - 130    | 3   | 30        |
| 1,1'-Biphenyl                  | 5.71        | 3.743       |                | ug/L |   | 66   | 39 - 142    | 5   | 30        |
| 4-Aminobiphenyl                | 5.71        | 1.721       |                | ug/L |   | 30   | 10 - 115    | 15  | 30        |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 4.027       |                | ug/L |   | 70   | 46 - 125    | 7   | 30        |
| 1,3,5-Trinitrobenzene          | 5.71        | 3.490       |                | ug/L |   | 61   | 42 - 130    | 5   | 30        |
| 1,3-Dinitrobenzene             | 5.71        | 5.802       |                | ug/L |   | 102  | 65 - 150    | 1   | 30        |
| 1,4-Naphthoquinone             | 5.71        | 3.709       |                | ug/L |   | 65   | 24 - 137    | 7   | 30        |
| 1-Naphthylamine                | 5.71        | 1.582       |                | ug/L |   | 28   | 10 - 130    | 10  | 30        |
| 2,6-Dichlorophenol             | 5.71        | 3.447       |                | ug/L |   | 60   | 42 - 145    | 1   | 30        |
| 2-Acetylaminofluorene          | 5.71        | 3.806       |                | ug/L |   | 67   | 45 - 150    | 10  | 30        |
| 2-Chlorophenol                 | 5.71        | 4.916       |                | ug/L |   | 86   | 51 - 143    | 0   | 30        |
| 2-Naphthylamine                | 5.71        | 1.651       |                | ug/L |   | 29   | 17 - 130    | 8   | 30        |
| 2-Picoline                     | 5.71        | <1.03       | U *- *1        | ug/L |   | 2    | 10 - 143    | 63  | 30        |
| 2-Toluidine                    | 5.71        | 1.632       |                | ug/L |   | 29   | 10 - 130    | 2   | 30        |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.6514      | J              | ug/L |   | 11   | 10 - 128    | 11  | 30        |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295      | U *- *1        | ug/L |   | 3    | 10 - 130    | 63  | 30        |
| 3-Methylcholanthrene           | 5.71        | 3.641       |                | ug/L |   | 64   | 53 - 130    | 2   | 30        |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.072       |                | ug/L |   | 71   | 20 - 140    | 1   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.650       |                | ug/L |   | 64   | 27 - 146    | 4   | 30        |
| Aramite Peak 1                 | 2.86        | 2.169       |                | ug/L |   | 76   | 45 - 150    | 7   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                    | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Aramite Peak 2             | 2.86        | 1.902       |                | ug/L |   | 67   | 45 - 150    | 3   | 30        |
| Diallate Peak 1            | 4.23        | 2.873       |                | ug/L |   | 68   | 47 - 150    | 3   | 30        |
| Diallate Peak 2            | 1.49        | 1.065       |                | ug/L |   | 72   | 53 - 142    | 2   | 30        |
| Ethyl methanesulfonate     | 5.71        | 3.730       |                | ug/L |   | 65   | 45 - 138    | 1   | 30        |
| Hexachloropropene          | 5.71        | 4.497       |                | ug/L |   | 79   | 35 - 140    | 5   | 30        |
| Isosafrole                 | 5.71        | 3.851       |                | ug/L |   | 67   | 47 - 137    | 4   | 30        |
| Isosafrole Peak 1          | 0.914       | 0.6359      |                | ug/L |   | 70   | 48 - 132    | 9   | 30        |
| Isosafrole Peak 2          | 4.80        | 3.215       |                | ug/L |   | 67   | 47 - 137    | 3   | 30        |
| Methyl methanesulfonate    | 5.71        | 3.830       |                | ug/L |   | 67   | 33 - 140    | 2   | 30        |
| N-Nitrosodiethylamine      | 5.71        | 3.906       |                | ug/L |   | 68   | 50 - 136    | 1   | 30        |
| N-Nitrosodimethylamine     | 5.71        | 5.038       |                | ug/L |   | 88   | 33 - 148    | 1   | 30        |
| N-Nitrosodi-n-butylamine   | 5.71        | 4.355       |                | ug/L |   | 76   | 30 - 150    | 3   | 30        |
| N-Nitrosomethylethylamine  | 5.71        | 3.892       |                | ug/L |   | 68   | 30 - 148    | 2   | 30        |
| N-Nitrosomorpholine        | 5.71        | 3.849       |                | ug/L |   | 67   | 40 - 140    | 0   | 30        |
| N-Nitrosopyrrolidine       | 5.71        | 3.725       |                | ug/L |   | 65   | 20 - 130    | 3   | 30        |
| p-Dimethylamino azobenzene | 5.71        | 3.925       |                | ug/L |   | 69   | 16 - 150    | 2   | 30        |
| Pentachloronitrobenzene    | 5.71        | 4.857       |                | ug/L |   | 85   | 38 - 145    | 14  | 30        |
| Phenacetin                 | 5.71        | 3.719       |                | ug/L |   | 65   | 50 - 150    | 4   | 30        |
| p-Phenylene diamine        | 5.71        | <5.71       | U *-           | ug/L |   | 0    | 5 - 112     | NC  | 30        |
| Pronamide                  | 5.71        | 4.288       |                | ug/L |   | 75   | 60 - 150    | 8   | 30        |
| Safrole, Total             | 5.71        | 3.717       | *-             | ug/L |   | 65   | 70 - 130    | 4   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 70             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 78             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 77             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 70             |                | 8 - 124  |
| p-Terphenyl-d14             | 72             |                | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45       | U              | ug/L |   |      | -           |     |           |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|--------|
| 2,4,6-Tribromophenol (Surr) |                |                |        |
| 2-Fluorobiphenyl            |                |                |        |
| 2-Fluorophenol (Surr)       |                |                |        |
| Nitrobenzene-d5 (Surr)      |                |                |        |
| Phenol-d5 (Surr)            |                |                |        |
| p-Terphenyl-d14             |                |                |        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-------|
|                                  |             |             |                |      |   |      |             |     |       |
| Aramite Peak 1                   | 1.43        | 1.142       |                | ug/L |   | 80   | 45 - 150    | 4   | 30    |
| Aramite Peak 2                   | 1.43        | 1.001       |                | ug/L |   | 70   | 45 - 150    | 6   | 30    |
| Aramite, Total                   | 2.86        | <0.184      | U              | ug/L |   | 0    | 45 - 150    | NC  | 30    |
| Diallate                         | 2.86        | <0.0299     | U              | ug/L |   | 0    | 47 - 150    | NC  | 30    |
| Diallate Peak 1                  | 2.11        | 1.471       |                | ug/L |   | 70   | 47 - 150    | 12  | 30    |
| Diallate Peak 2                  | 0.743       | 0.5710      |                | ug/L |   | 77   | 53 - 142    | 5   | 30    |
| Dimethoate                       | 2.86        | 9.114       | *+             | ug/L |   | 319  | 70 - 150    | 0   | 30    |
| Dinoseb                          | 5.71        | 9.967       | *+             | ug/L |   | 174  | 10 - 150    | 6   | 30    |
| Disulfoton                       | 2.86        | 8.292       | *+             | ug/L |   | 290  | 80 - 150    | 8   | 30    |
| Ethyl Parathion                  | 2.86        | 8.322       | *+             | ug/L |   | 291  | 70 - 150    | 3   | 30    |
| Famphur                          | 2.86        | 3.839       |                | ug/L |   | 134  | 10 - 150    | 2   | 30    |
| Methapyrilene                    | 5.71        | 9.428       | *+             | ug/L |   | 165  | 10 - 150    | 19  | 30    |
| Methyl parathion                 | 2.86        | 8.341       | *+             | ug/L |   | 292  | 80 - 150    | 4   | 30    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.839       |                | ug/L |   | 99   | 38 - 150    | 0   | 30    |
| Phorate                          | 2.86        | 8.167       | *+             | ug/L |   | 286  | 65 - 150    | 1   | 30    |
| Sulfotepp                        | 2.86        | 8.107       | *+             | ug/L |   | 284  | 28 - 150    | 3   | 30    |
| Thionazin                        | 2.86        | 4.122       | *+             | ug/L |   | 144  | 40 - 140    | 1   | 30    |

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 75        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 81        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 78        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 73        |           | 8 - 124  |
| p-Terphenyl-d14             | 75        |           | 28 - 130 |

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
|                              |               |                  |             |           |              |      |   |      |             |
| 1,2,4-Trichlorobenzene       | <0.119        | U                | 5.68        | 4.849     |              | ug/L |   | 85   | 55 - 120    |
| 1,2-Dichlorobenzene          | 0.249         | J                | 5.68        | 5.536     |              | ug/L |   | 93   | 65 - 130    |
| 1,3-Dichlorobenzene          | <0.106        | U                | 5.68        | 5.004     |              | ug/L |   | 88   | 26 - 130    |
| 1,4-Dichlorobenzene          | 0.394         | J                | 5.68        | 5.343     |              | ug/L |   | 87   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | <1.82         | U                | 5.68        | 8.155     |              | ug/L |   | 144  | 65 - 145    |
| 2,4,5-Trichlorophenol        | <0.424        | U F1             | 5.68        | 10.70     | F1           | ug/L |   | 188  | 58 - 150    |
| 2,4,6-Trichlorophenol        | <0.115        | U F1             | 5.68        | 10.27     | F1           | ug/L |   | 181  | 39 - 145    |
| 2,4-Dichlorophenol           | <0.124        | U                | 5.68        | 8.338     |              | ug/L |   | 147  | 60 - 147    |
| 2,4-Dimethylphenol           | <0.110        | U F1             | 5.68        | 8.941     | F1           | ug/L |   | 157  | 58 - 140    |
| 1,4-Dioxane                  | 4.11          |                  | 5.68        | 6.308     |              | ug/L |   | 39   | 31 - 145    |
| 2,4-Dinitrophenol            | <1.36         | U                | 5.68        | 4.600     | J            | ug/L |   | 81   | 10 - 150    |
| 2,4-Dinitrotoluene           | <0.504        | U F1             | 5.68        | 8.788     | F1           | ug/L |   | 155  | 29 - 150    |
| 2,6-Dinitrotoluene           | <0.268        | U F1             | 5.68        | 9.284     | F1           | ug/L |   | 163  | 55 - 150    |
| 2-Chloronaphthalene          | <0.116        | U                | 5.68        | 6.418     |              | ug/L |   | 113  | 39 - 141    |
| 2-Methylnaphthalene          | <0.107        | U                | 5.68        | 6.568     |              | ug/L |   | 116  | 33 - 149    |
| 2-Methylphenol               | <0.107        | U                | 5.68        | 7.305     |              | ug/L |   | 129  | 49 - 140    |
| 2-Nitroaniline               | <0.155        | U F1             | 5.68        | 10.23     | F1           | ug/L |   | 180  | 42 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2-Nitrophenol               | <0.135        | U F1             | 5.68        | 9.580     | F1           | ug/L |   | 169  | 43 - 150    |
| 3 & 4 Methylphenol          | <0.0928       | U                | 5.68        | 5.937     |              | ug/L |   | 104  | 55 - 142    |
| 3-Nitroaniline              | <0.219        | U                | 5.68        | 4.639     |              | ug/L |   | 82   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol  | <1.21         | U                | 5.68        | 6.507     |              | ug/L |   | 115  | 10 - 150    |
| 4-Bromophenyl phenyl ether  | <0.104        | U F1             | 5.68        | 8.546     | F1           | ug/L |   | 150  | 56 - 136    |
| 4-Chloro-3-methylphenol     | <0.117        | U F1             | 5.68        | 9.440     | F1           | ug/L |   | 166  | 52 - 137    |
| 4-Chloroaniline             | <0.0866       | U                | 5.68        | 3.330     |              | ug/L |   | 59   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | <0.0938       | U                | 5.68        | 7.278     |              | ug/L |   | 128  | 53 - 134    |
| 4-Nitroaniline              | <0.266        | U                | 5.68        | 6.407     |              | ug/L |   | 113  | 45 - 148    |
| Acenaphthene                | 0.965         |                  | 5.68        | 8.231     |              | ug/L |   | 128  | 48 - 136    |
| Acenaphthylene              | <0.123        | U                | 5.68        | 8.158     |              | ug/L |   | 144  | 40 - 149    |
| Aniline                     | <0.442        | U *-             | 5.68        | 1.680     |              | ug/L |   | 30   | 10 - 73     |
| Anthracene                  | <0.102        | U F1             | 5.68        | 8.873     | F1           | ug/L |   | 156  | 51 - 146    |
| Benzo[a]anthracene          | <0.125        | U F1             | 5.68        | 9.541     | I F1         | ug/L |   | 168  | 43 - 145    |
| Benzo[a]pyrene              | <0.105        | U F1             | 5.68        | 8.565     | F1           | ug/L |   | 151  | 52 - 136    |
| Benzo[b]fluoranthene        | <0.122        | U F1             | 5.68        | 9.625     | F1           | ug/L |   | 169  | 45 - 140    |
| Benzo[g,h,i]perylene        | <0.0888       | U                | 5.68        | 6.383     |              | ug/L |   | 112  | 44 - 137    |
| Benzo[k]fluoranthene        | <0.121        | U F1             | 5.68        | 8.530     | F1           | ug/L |   | 150  | 37 - 140    |
| Benzyl alcohol              | <0.220        | U *- *1          | 5.68        | 3.403     |              | ug/L |   | 60   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | <0.106        | U F1             | 5.68        | 8.464     | F1           | ug/L |   | 149  | 52 - 143    |
| Bis(2-chloroethyl)ether     | 0.687         | F1               | 5.68        | 8.672     | F1           | ug/L |   | 141  | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 0.735         | J F1             | 5.68        | 13.53     | F1           | ug/L |   | 225  | 50 - 140    |
| Butyl benzyl phthalate      | <0.330        | U F1             | 5.68        | 13.78     | F1           | ug/L |   | 242  | 60 - 150    |
| Chrysene                    | <0.0949       | U                | 5.68        | 7.692     |              | ug/L |   | 135  | 47 - 137    |
| Dibenz(a,h)anthracene       | <0.0836       | U                | 5.68        | 7.233     |              | ug/L |   | 127  | 50 - 147    |
| Dibenzofuran                | <0.110        | U F1             | 5.68        | 7.996     | F1           | ug/L |   | 141  | 52 - 139    |
| Diethyl phthalate           | <0.184        | U F1             | 5.68        | 8.681     | F1           | ug/L |   | 153  | 55 - 137    |
| Dimethyl phthalate          | <0.131        | U F1             | 5.68        | 9.297     | F1           | ug/L |   | 164  | 44 - 150    |
| Di-n-butyl phthalate        | <0.649        | U F1             | 5.68        | 10.85     | F1           | ug/L |   | 191  | 49 - 146    |
| Di-n-octyl phthalate        | <0.281        | U F1             | 5.68        | 14.66     | F1           | ug/L |   | 258  | 55 - 150    |
| Fluoranthene                | <0.118        | U F1             | 5.68        | 9.637     | F1           | ug/L |   | 170  | 50 - 144    |
| Fluorene                    | 0.146         | J                | 5.68        | 7.694     |              | ug/L |   | 133  | 54 - 136    |
| Hexachlorobenzene           | <0.130        | U F1             | 5.68        | 8.095     | F1           | ug/L |   | 142  | 55 - 138    |
| Hexachlorobutadiene         | <0.159        | U                | 5.68        | 3.988     |              | ug/L |   | 70   | 45 - 150    |
| Hexachlorocyclopentadiene   | <0.176        | U                | 5.68        | 2.895     |              | ug/L |   | 51   | 24 - 150    |
| Hexachloroethane            | <0.123        | U                | 5.68        | 4.120     |              | ug/L |   | 73   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | <0.101        | U                | 5.68        | 7.587     |              | ug/L |   | 134  | 46 - 138    |
| Isophorone                  | <0.104        | U F1             | 5.68        | 9.317     | F1           | ug/L |   | 164  | 48 - 147    |
| Naphthalene                 | <0.112        | U                | 5.68        | 6.121     |              | ug/L |   | 108  | 35 - 141    |
| Nitrobenzene                | <0.150        | U F1             | 5.68        | 9.529     | F1           | ug/L |   | 168  | 52 - 141    |
| N-Nitrosodi-n-propylamine   | <0.145        | U F1             | 5.68        | 8.716     | F1           | ug/L |   | 153  | 41 - 137    |
| N-Nitrosodiphenylamine      | <0.110        | U F1             | 5.68        | 9.514     | F1           | ug/L |   | 167  | 51 - 135    |
| Pentachlorophenol           | <0.307        | U F1             | 5.68        | 12.59     | F1           | ug/L |   | 222  | 33 - 150    |
| Phenanthrene                | <0.105        | U F1             | 5.68        | 8.277     | F1           | ug/L |   | 146  | 54 - 141    |
| Phenol                      | 3.38          |                  | 5.68        | 7.642     |              | ug/L |   | 75   | 40 - 145    |
| Pyrene                      | <0.127        | U F1             | 5.68        | 9.178     | I F1         | ug/L |   | 162  | 50 - 143    |
| Pyridine                    | <0.822        | U *- *1          | 5.68        | 1.171     | J            | ug/L |   | 21   | 10 - 84     |
| N-Nitro-o-toluidine         | <0.640        | U                | 5.68        | 5.148     |              | ug/L |   | 91   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | <0.249        | U F1             | 5.68        | 10.35     | F1           | ug/L |   | 182  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Acetophenone                        | <0.136        | U                | 5.68        | 6.855     |              | ug/L |   | 121  | 52 - 136    |
| N-Nitrosopiperidine                 | <0.620        | U                | 5.68        | 6.896     |              | ug/L |   | 121  | 36 - 148    |
| Pentachlorobenzene                  | <0.123        | U                | 5.68        | 5.137     |              | ug/L |   | 90   | 52 - 128    |
| 1,1'-Biphenyl                       | <0.111        | U                | 5.68        | 5.147     |              | ug/L |   | 91   | 39 - 142    |
| 4-Aminobiphenyl                     | <0.192        | U                | 5.68        | 2.533     |              | ug/L |   | 45   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene          | <0.113        | U                | 5.68        | 4.074     |              | ug/L |   | 72   | 46 - 125    |
| 1,3,5-Trinitrobenzene               | <0.642        | U                | 5.68        | 4.966     |              | ug/L |   | 87   | 42 - 130    |
| 1,3-Dinitrobenzene                  | <0.577        | U F1             | 5.68        | 8.998     | F1           | ug/L |   | 158  | 65 - 150    |
| 1,4-Naphthoquinone                  | <0.0602       | U                | 5.68        | 7.187     |              | ug/L |   | 126  | 24 - 137    |
| 1-Naphthylamine                     | <0.265        | U F2 *           | 5.68        | 1.749     |              | ug/L |   | 31   | 10 - 78     |
| 2,6-Dichlorophenol                  | <0.0956       | U                | 5.68        | 7.043     |              | ug/L |   | 124  | 42 - 145    |
| 2-Acetylaminofluorene               | <1.68         | U F1             | 5.68        | 12.34     | F1           | ug/L |   | 217  | 45 - 150    |
| 2-Chlorophenol                      | <0.101        | U                | 5.68        | 7.506     |              | ug/L |   | 132  | 51 - 143    |
| 2-Naphthylamine                     | <0.405        | U                | 5.68        | 1.801     |              | ug/L |   | 32   | 17 - 92     |
| 2-Picoline                          | <1.01         | U *- F1 *1       | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine                         | <0.417        | U                | 5.68        | 2.557     |              | ug/L |   | 45   | 10 - 79     |
| 3,3'-Dichlorobenzidine              | <0.639        | U                | 5.68        | 3.266     |              | ug/L |   | 57   | 10 - 128    |
| 3,3'-Dimethylbenzidine              | <0.290        | U *- F1 *1       | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene                | <0.0867       | U                | 5.68        | 6.538     |              | ug/L |   | 115  | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | <0.626        | U                | 5.68        | 2.341     |              | ug/L |   | 41   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | <0.126        | U                | 5.68        | 7.653     |              | ug/L |   | 135  | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | <1.43         | U *- F1          | 5.68        | <1.44     | U F1         | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1                      | <0.181        | U F1             | 2.84        | 5.280     | F1           | ug/L |   | 186  | 45 - 150    |
| Aramite Peak 2                      | <0.199        | U F1             | 2.84        | 4.378     | F1           | ug/L |   | 154  | 45 - 150    |
| Diallate Peak 1                     | <0.0735       | U                | 4.20        | 5.542     |              | ug/L |   | 132  | 47 - 150    |
| Diallate Peak 2                     | <0.0294       | U                | 1.48        | 2.022     |              | ug/L |   | 137  | 53 - 142    |
| Ethyl methanesulfonate              | <0.182        | U                | 5.68        | 3.950     |              | ug/L |   | 70   | 45 - 138    |
| Hexachloropropene                   | <0.562        | U                | 5.68        | 2.440     |              | ug/L |   | 43   | 35 - 140    |
| Isosafrole                          | <0.0227       | U                | 5.68        | 6.329     |              | ug/L |   | 111  | 47 - 137    |
| Isosafrole Peak 1                   | <0.0227       | U                | 0.909       | 1.003     |              | ug/L |   | 110  | 48 - 132    |
| Isosafrole Peak 2                   | <0.0968       | U                | 4.77        | 5.326     |              | ug/L |   | 112  | 47 - 137    |
| Methyl methanesulfonate             | <0.183        | U F1             | 5.68        | 1.652     | F1           | ug/L |   | 29   | 33 - 140    |
| N-Nitrosodiethylamine               | <0.662        | U                | 5.68        | 5.693     |              | ug/L |   | 100  | 50 - 136    |
| N-Nitrosodi-n-butylamine            | <0.711        | U F1             | 5.68        | 9.352     | F1           | ug/L |   | 165  | 30 - 150    |
| N-Nitrosomethylethylamine           | <0.689        | U                | 5.68        | 3.476     |              | ug/L |   | 61   | 30 - 148    |
| N-Nitrosomorpholine                 | <0.701        | U                | 5.68        | 2.802     |              | ug/L |   | 49   | 40 - 140    |
| N-Nitrosopyrrolidine                | <0.107        | U                | 5.68        | 3.074     |              | ug/L |   | 54   | 20 - 130    |
| p-Dimethylamino azobenzene          | <0.152        | U F1             | 5.68        | 9.335     | F1           | ug/L |   | 164  | 16 - 150    |
| Pentachloronitrobenzene             | <0.248        | U F1             | 5.68        | 8.653     | F1           | ug/L |   | 152  | 38 - 145    |
| Phenacetin                          | <0.248        | U                | 5.68        | 7.601     |              | ug/L |   | 134  | 50 - 150    |
| p-Phenylene diamine                 | <5.62         | U *- F1          | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |
| Pronamide                           | <0.132        | U                | 5.68        | 8.174     |              | ug/L |   | 144  | 60 - 150    |
| Safrole, Total                      | <0.0905       | U *-             | 5.68        | 6.141     |              | ug/L |   | 108  | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) | 150          | S1+          | 26 - 136 |
| 2-Fluorobiphenyl            | 105          |              | 39 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Surrogate              | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|------------------------|-----------------|-----------------|----------|
| 2-Fluorophenol (Surr)  | 54              |                 | 19 - 120 |
| Nitrobenzene-d5 (Surr) | 136             | S1+             | 32 - 133 |
| Phenol-d5 (Surr)       | 33              |                 | 8 - 124  |
| p-Terphenyl-d14        | 116             |                 | 28 - 130 |

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|----------------|-----|--------------|
| 1,2,4-Trichlorobenzene       | <0.119           | U                   | 5.70           | 4.468         |                  | ug/L |   | 78   | 55 - 120       | 8   | 30           |
| 1,2-Dichlorobenzene          | 0.249            | J                   | 5.70           | 5.003         |                  | ug/L |   | 83   | 65 - 130       | 10  | 30           |
| 1,3-Dichlorobenzene          | <0.106           | U                   | 5.70           | 4.504         |                  | ug/L |   | 79   | 26 - 130       | 11  | 30           |
| 1,4-Dichlorobenzene          | 0.394            | J                   | 5.70           | 4.870         |                  | ug/L |   | 79   | 60 - 150       | 9   | 30           |
| 2,2'-oxybis[1-chloropropane] | <1.82            | U                   | 5.70           | 7.331         |                  | ug/L |   | 129  | 65 - 145       | 11  | 30           |
| 2,4,5-Trichlorophenol        | <0.424           | U F1                | 5.70           | 9.866         | F1               | ug/L |   | 173  | 58 - 150       | 8   | 30           |
| 2,4,6-Trichlorophenol        | <0.115           | U F1                | 5.70           | 9.417         | F1               | ug/L |   | 165  | 39 - 145       | 9   | 30           |
| 2,4-Dichlorophenol           | <0.124           | U                   | 5.70           | 7.607         |                  | ug/L |   | 134  | 60 - 147       | 9   | 30           |
| 2,4-Dimethylphenol           | <0.110           | U F1                | 5.70           | 8.145         | F1               | ug/L |   | 143  | 58 - 140       | 9   | 30           |
| 1,4-Dioxane                  | 4.11             |                     | 5.70           | 6.127         |                  | ug/L |   | 35   | 31 - 145       | 3   | 30           |
| 2,4-Dinitrophenol            | <1.36            | U                   | 5.70           | 3.725         | J                | ug/L |   | 65   | 10 - 150       | 21  | 30           |
| 2,4-Dinitrotoluene           | <0.504           | U F1                | 5.70           | 8.100         |                  | ug/L |   | 142  | 29 - 150       | 8   | 30           |
| 2,6-Dinitrotoluene           | <0.268           | U F1                | 5.70           | 8.726         | F1               | ug/L |   | 153  | 55 - 150       | 6   | 30           |
| 2-Chloronaphthalene          | <0.116           | U                   | 5.70           | 5.891         |                  | ug/L |   | 103  | 39 - 141       | 9   | 30           |
| 2-Methylnaphthalene          | <0.107           | U                   | 5.70           | 6.033         |                  | ug/L |   | 106  | 33 - 149       | 9   | 30           |
| 2-Methylphenol               | <0.107           | U                   | 5.70           | 6.769         |                  | ug/L |   | 119  | 49 - 140       | 8   | 30           |
| 2-Nitroaniline               | <0.155           | U F1                | 5.70           | 9.603         | F1               | ug/L |   | 169  | 42 - 150       | 6   | 30           |
| 2-Nitrophenol                | <0.135           | U F1                | 5.70           | 8.637         | F1               | ug/L |   | 152  | 43 - 150       | 10  | 30           |
| 3 & 4 Methylphenol           | <0.0928          | U                   | 5.70           | 5.516         |                  | ug/L |   | 97   | 55 - 142       | 7   | 30           |
| 3-Nitroaniline               | <0.219           | U                   | 5.70           | 5.162         |                  | ug/L |   | 91   | 25 - 119       | 11  | 30           |
| 4,6-Dinitro-2-methylphenol   | <1.21            | U                   | 5.70           | 5.933         |                  | ug/L |   | 104  | 10 - 150       | 9   | 30           |
| 4-Bromophenyl phenyl ether   | <0.104           | U F1                | 5.70           | 7.913         | F1               | ug/L |   | 139  | 56 - 136       | 8   | 30           |
| 4-Chloro-3-methylphenol      | <0.117           | U F1                | 5.70           | 8.496         | F1               | ug/L |   | 149  | 52 - 137       | 11  | 30           |
| 4-Chloroaniline              | <0.0866          | U                   | 5.70           | 3.919         |                  | ug/L |   | 69   | 10 - 95        | 16  | 30           |
| 4-Chlorophenyl phenyl ether  | <0.0938          | U                   | 5.70           | 6.693         |                  | ug/L |   | 117  | 53 - 134       | 8   | 30           |
| 4-Nitroaniline               | <0.266           | U                   | 5.70           | 6.318         |                  | ug/L |   | 111  | 45 - 148       | 1   | 30           |
| Acenaphthene                 | 0.965            |                     | 5.70           | 7.630         |                  | ug/L |   | 117  | 48 - 136       | 8   | 30           |
| Acenaphthylene               | <0.123           | U                   | 5.70           | 7.576         |                  | ug/L |   | 133  | 40 - 149       | 7   | 30           |
| Aniline                      | <0.442           | U *-                | 5.70           | 1.774         |                  | ug/L |   | 31   | 10 - 73        | 5   | 30           |
| Anthracene                   | <0.102           | U F1                | 5.70           | 8.351         | F1               | ug/L |   | 147  | 51 - 146       | 6   | 30           |
| Benzo[a]anthracene           | <0.125           | U F1                | 5.70           | 8.794         | F1               | ug/L |   | 154  | 43 - 145       | 8   | 30           |
| Benzo[a]pyrene               | <0.105           | U F1                | 5.70           | 7.903         | F1               | ug/L |   | 139  | 52 - 136       | 8   | 30           |
| Benzo[b]fluoranthene         | <0.122           | U F1                | 5.70           | 9.362         | F1               | ug/L |   | 164  | 45 - 140       | 3   | 30           |
| Benzo[g,h,i]perylene         | <0.0888          | U                   | 5.70           | 5.906         |                  | ug/L |   | 104  | 44 - 137       | 8   | 30           |
| Benzo[k]fluoranthene         | <0.121           | U F1                | 5.70           | 7.803         |                  | ug/L |   | 137  | 37 - 140       | 9   | 30           |
| Benzyl alcohol               | <0.220           | U *- *1             | 5.70           | 2.794         | J                | ug/L |   | 49   | 40 - 133       | 20  | 30           |
| Bis(2-chloroethoxy)methane   | <0.106           | U F1                | 5.70           | 7.666         |                  | ug/L |   | 135  | 52 - 143       | 10  | 30           |
| Bis(2-chloroethyl)ether      | 0.687            | F1                  | 5.70           | 7.892         |                  | ug/L |   | 126  | 52 - 140       | 9   | 30           |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Bis(2-ethylhexyl) phthalate    | 0.735         | J F1             | 5.70        | 12.82      | F1            | ug/L |   | 212  | 50 - 140    | 5   | 30        |
| Butyl benzyl phthalate         | <0.330        | U F1             | 5.70        | 13.49      | F1            | ug/L |   | 237  | 60 - 150    | 2   | 30        |
| Chrysene                       | <0.0949       | U                | 5.70        | 7.293      |               | ug/L |   | 128  | 47 - 137    | 5   | 30        |
| Dibenz(a,h)anthracene          | <0.0836       | U                | 5.70        | 6.638      |               | ug/L |   | 116  | 50 - 147    | 9   | 30        |
| Dibenzofuran                   | <0.110        | U F1             | 5.70        | 7.229      |               | ug/L |   | 127  | 52 - 139    | 10  | 30        |
| Diethyl phthalate              | <0.184        | U F1             | 5.70        | 8.305      | F1            | ug/L |   | 146  | 55 - 137    | 4   | 30        |
| Dimethyl phthalate             | <0.131        | U F1             | 5.70        | 8.703      | F1            | ug/L |   | 153  | 44 - 150    | 7   | 30        |
| Di-n-butyl phthalate           | <0.649        | U F1             | 5.70        | 10.33      | F1            | ug/L |   | 181  | 49 - 146    | 5   | 30        |
| Di-n-octyl phthalate           | <0.281        | U F1             | 5.70        | 13.76      | F1            | ug/L |   | 242  | 55 - 150    | 6   | 30        |
| Fluoranthene                   | <0.118        | U F1             | 5.70        | 9.103      | F1            | ug/L |   | 160  | 50 - 144    | 6   | 30        |
| Fluorene                       | 0.146         | J                | 5.70        | 7.125      |               | ug/L |   | 122  | 54 - 136    | 8   | 30        |
| Hexachlorobenzene              | <0.130        | U F1             | 5.70        | 7.431      |               | ug/L |   | 130  | 55 - 138    | 9   | 30        |
| Hexachlorobutadiene            | <0.159        | U                | 5.70        | 3.601      |               | ug/L |   | 63   | 45 - 150    | 10  | 30        |
| Hexachlorocyclopentadiene      | <0.176        | U                | 5.70        | 2.570      |               | ug/L |   | 45   | 24 - 150    | 12  | 30        |
| Hexachloroethane               | <0.123        | U                | 5.70        | 3.667      |               | ug/L |   | 64   | 30 - 130    | 12  | 30        |
| Indeno[1,2,3-cd]pyrene         | <0.101        | U                | 5.70        | 7.183      |               | ug/L |   | 126  | 46 - 138    | 5   | 30        |
| Isophorone                     | <0.104        | U F1             | 5.70        | 8.490      | F1            | ug/L |   | 149  | 48 - 147    | 9   | 30        |
| Naphthalene                    | <0.112        | U                | 5.70        | 5.671      |               | ug/L |   | 100  | 35 - 141    | 8   | 30        |
| Nitrobenzene                   | <0.150        | U F1             | 5.70        | 8.680      | F1            | ug/L |   | 152  | 52 - 141    | 9   | 30        |
| N-Nitrosodi-n-propylamine      | <0.145        | U F1             | 5.70        | 8.119      | F1            | ug/L |   | 142  | 41 - 137    | 7   | 30        |
| N-Nitrosodiphenylamine         | <0.110        | U F1             | 5.70        | 8.502      | F1            | ug/L |   | 149  | 51 - 135    | 11  | 30        |
| Pentachlorophenol              | <0.307        | U F1             | 5.70        | 11.56      | F1            | ug/L |   | 203  | 33 - 150    | 8   | 30        |
| Phenanthrene                   | <0.105        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 54 - 141    | 5   | 30        |
| Phenol                         | 3.38          |                  | 5.70        | 7.316      |               | ug/L |   | 69   | 40 - 145    | 4   | 30        |
| Pyrene                         | <0.127        | U F1             | 5.70        | 8.476      | F1            | ug/L |   | 149  | 50 - 143    | 8   | 30        |
| Pyridine                       | <0.822        | U *- *1          | 5.70        | 1.452      | J             | ug/L |   | 25   | 10 - 84     | 21  | 30        |
| N-Nitro-o-toluidine            | <0.640        | U                | 5.70        | 5.239      |               | ug/L |   | 92   | 29 - 141    | 2   | 30        |
| 2,3,4,6-Tetrachlorophenol      | <0.249        | U F1             | 5.70        | 9.191      | F1            | ug/L |   | 161  | 60 - 150    | 12  | 30        |
| Acetophenone                   | <0.136        | U                | 5.70        | 6.234      |               | ug/L |   | 109  | 52 - 136    | 9   | 30        |
| N-Nitrosopiperidine            | <0.620        | U                | 5.70        | 6.420      |               | ug/L |   | 113  | 36 - 148    | 7   | 30        |
| Pentachlorobenzene             | <0.123        | U                | 5.70        | 4.660      |               | ug/L |   | 82   | 52 - 128    | 10  | 30        |
| 1,1'-Biphenyl                  | <0.111        | U                | 5.70        | 4.799      |               | ug/L |   | 84   | 39 - 142    | 7   | 30        |
| 4-Aminobiphenyl                | <0.192        | U                | 5.70        | 3.025      |               | ug/L |   | 53   | 10 - 115    | 18  | 30        |
| 1,2,4,5-Tetrachlorobenzene     | <0.113        | U                | 5.70        | 3.698      |               | ug/L |   | 65   | 46 - 125    | 10  | 30        |
| 1,3,5-Trinitrobenzene          | <0.642        | U                | 5.70        | 4.569      |               | ug/L |   | 80   | 42 - 130    | 8   | 30        |
| 1,3-Dinitrobenzene             | <0.577        | U F1             | 5.70        | 8.402      |               | ug/L |   | 147  | 65 - 150    | 7   | 30        |
| 1,4-Naphthoquinone             | <0.0602       | U                | 5.70        | 6.686      |               | ug/L |   | 117  | 24 - 137    | 7   | 30        |
| 1-Naphthylamine                | <0.265        | U F2 *-          | 5.70        | 2.951      | F2            | ug/L |   | 52   | 10 - 78     | 51  | 30        |
| 2,6-Dichlorophenol             | <0.0956       | U                | 5.70        | 6.501      |               | ug/L |   | 114  | 42 - 145    | 8   | 30        |
| 2-Acetylaminofluorene          | <1.68         | U F1             | 5.70        | 11.81      | F1            | ug/L |   | 207  | 45 - 150    | 4   | 30        |
| 2-Chlorophenol                 | <0.101        | U                | 5.70        | 7.000      |               | ug/L |   | 123  | 51 - 143    | 7   | 30        |
| 2-Naphthylamine                | <0.405        | U                | 5.70        | 2.327      |               | ug/L |   | 41   | 17 - 92     | 25  | 30        |
| 2-Picoline                     | <1.01         | U *- F1 *1       | 5.70        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine                    | <0.417        | U                | 5.70        | 2.659      |               | ug/L |   | 47   | 10 - 79     | 4   | 30        |
| 3,3'-Dichlorobenzidine         | <0.639        | U                | 5.70        | 4.073      |               | ug/L |   | 71   | 10 - 128    | 22  | 30        |
| 3,3'-Dimethylbenzidine         | <0.290        | U *- F1 *1       | 5.70        | <0.294     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene           | <0.0867       | U                | 5.70        | 6.017      |               | ug/L |   | 106  | 53 - 130    | 8   | 30        |
| 4-Nitroquinoline-1-oxide       | <0.626        | U                | 5.70        | 2.346      |               | ug/L |   | 41   | 20 - 140    | 0   | 30        |
| 7,12-Dimethylbenz(a)anthracene | <0.126        | U                | 5.70        | 7.322      |               | ug/L |   | 129  | 27 - 146    | 4   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | <1.43         | U *- F1          | 5.70        | <1.45      | U F1          | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1                      | <0.181        | U F1             | 2.85        | 4.824      | F1            | ug/L |   | 169  | 45 - 150    | 9   | 30        |
| Aramite Peak 2                      | <0.199        | U F1             | 2.85        | 3.884      |               | ug/L |   | 136  | 45 - 150    | 12  | 30        |
| Diallate Peak 1                     | <0.0735       | U                | 4.22        | 5.156      |               | ug/L |   | 122  | 47 - 150    | 7   | 30        |
| Diallate Peak 2                     | <0.0294       | U                | 1.48        | 1.836      |               | ug/L |   | 124  | 53 - 142    | 10  | 30        |
| Ethyl methanesulfonate              | <0.182        | U                | 5.70        | 3.737      |               | ug/L |   | 66   | 45 - 138    | 6   | 30        |
| Hexachloropropene                   | <0.562        | U                | 5.70        | 2.195      |               | ug/L |   | 39   | 35 - 140    | 11  | 30        |
| Isosafrole                          | <0.0227       | U                | 5.70        | 5.817      |               | ug/L |   | 102  | 47 - 137    | 8   | 30        |
| Isosafrole Peak 1                   | <0.0227       | U                | 0.912       | 0.9384     |               | ug/L |   | 103  | 48 - 132    | 7   | 30        |
| Isosafrole Peak 2                   | <0.0968       | U                | 4.79        | 4.879      |               | ug/L |   | 102  | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate             | <0.183        | U F1             | 5.70        | 1.589      | F1            | ug/L |   | 28   | 33 - 140    | 4   | 30        |
| N-Nitrosodiethylamine               | <0.662        | U                | 5.70        | 5.286      |               | ug/L |   | 93   | 50 - 136    | 7   | 30        |
| N-Nitrosodi-n-butylamine            | <0.711        | U F1             | 5.70        | 8.536      |               | ug/L |   | 150  | 30 - 150    | 9   | 30        |
| N-Nitrosomethylethylamine           | <0.689        | U                | 5.70        | 3.258      |               | ug/L |   | 57   | 30 - 148    | 6   | 30        |
| N-Nitrosomorpholine                 | <0.701        | U                | 5.70        | 2.690      |               | ug/L |   | 47   | 40 - 140    | 4   | 30        |
| N-Nitrosopyrrolidine                | <0.107        | U                | 5.70        | 2.922      |               | ug/L |   | 51   | 20 - 130    | 5   | 30        |
| p-Dimethylamino azobenzene          | <0.152        | U F1             | 5.70        | 8.779      | F1            | ug/L |   | 154  | 16 - 150    | 6   | 30        |
| Pentachloronitrobenzene             | <0.248        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 38 - 145    | 10  | 30        |
| Phenacetin                          | <0.248        | U                | 5.70        | 7.009      |               | ug/L |   | 123  | 50 - 150    | 8   | 30        |
| p-Phenylene diamine                 | <5.62         | U *- F1          | 5.70        | <5.70      | U             | ug/L |   | NC   | 5 - 112     | NC  | 30        |
| Pronamide                           | <0.132        | U                | 5.70        | 7.402      |               | ug/L |   | 130  | 60 - 150    | 10  | 30        |
| Safrole, Total                      | <0.0905       | U *-             | 5.70        | 5.607      |               | ug/L |   | 98   | 70 - 130    | 9   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 140           | S1+           | 26 - 136 |
| 2-Fluorobiphenyl            | 96            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 53            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 124           |               | 32 - 133 |
| Phenol-d5 (Surr)            | 32            |               | 8 - 124  |
| p-Terphenyl-d14             | 106           |               | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                           | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene - RA       | <0.119        | U                | 5.68        | 5.195     |              | ug/L |   | 91   | 55 - 120    |
| 1,2-Dichlorobenzene - RA          | 0.257         | J                | 5.68        | 5.504     |              | ug/L |   | 92   | 65 - 130    |
| 1,3-Dichlorobenzene - RA          | <0.106        | U                | 5.68        | 5.095     |              | ug/L |   | 90   | 26 - 130    |
| 1,4-Dichlorobenzene - RA          | 0.419         | J                | 5.68        | 5.477     |              | ug/L |   | 89   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] - RA | <1.82         | U                | 5.68        | 6.934     |              | ug/L |   | 122  | 65 - 145    |
| 2,4,5-Trichlorophenol - RA        | <0.424        | U F1             | 5.68        | 10.50     | F1           | ug/L |   | 185  | 58 - 150    |
| 2,4,6-Trichlorophenol - RA        | <0.115        | U F1             | 5.68        | 8.645     | F1           | ug/L |   | 152  | 39 - 145    |
| 2,4-Dichlorophenol - RA           | <0.124        | U F1             | 5.68        | 8.450     | F1           | ug/L |   | 149  | 60 - 147    |
| 2,4-Dimethylphenol - RA           | <0.110        | U F1             | 5.68        | 9.082     | F1           | ug/L |   | 160  | 58 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,4-Dioxane - RA                 | 4.62          |                  | 5.68        | 6.988     |              | ug/L |   | 42   | 31 - 145    |
| 2,4-Dinitrophenol - RA           | <1.36         | U                | 5.68        | 6.330     |              | ug/L |   | 111  | 10 - 150    |
| 2,4-Dinitrotoluene - RA          | <0.504        | U F1             | 5.68        | 9.245     | F1           | ug/L |   | 163  | 29 - 150    |
| 2,6-Dinitrotoluene - RA          | <0.268        | U F1             | 5.68        | 11.04     | F1           | ug/L |   | 194  | 55 - 150    |
| 2-Chloronaphthalene - RA         | <0.116        | U                | 5.68        | 5.526     |              | ug/L |   | 97   | 39 - 141    |
| 2-Methylnaphthalene - RA         | <0.107        | U                | 5.68        | 6.760     |              | ug/L |   | 119  | 33 - 149    |
| 2-Methylphenol - RA              | <0.107        | U                | 5.68        | 5.899     |              | ug/L |   | 104  | 49 - 140    |
| 2-Nitroaniline - RA              | <0.155        | U F1             | 5.68        | 9.484     | F1           | ug/L |   | 167  | 42 - 150    |
| 2-Nitrophenol - RA               | <0.135        | U F1             | 5.68        | 10.09     | F1           | ug/L |   | 178  | 43 - 150    |
| 3 & 4 Methylphenol - RA          | <0.0928       | U                | 5.68        | 4.776     |              | ug/L |   | 84   | 55 - 142    |
| 3-Nitroaniline - RA              | <0.219        | U                | 5.68        | 3.937     |              | ug/L |   | 69   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol - RA  | <1.21         | U                | 5.68        | 8.347     |              | ug/L |   | 147  | 10 - 150    |
| 4-Bromophenyl phenyl ether - RA  | <0.104        | U F1             | 5.68        | 8.409     | F1           | ug/L |   | 148  | 56 - 136    |
| 4-Chloro-3-methylphenol - RA     | <0.117        | U F1             | 5.68        | 9.008     | F1           | ug/L |   | 159  | 52 - 137    |
| 4-Chloroaniline - RA             | <0.0866       | U                | 5.68        | 2.793     |              | ug/L |   | 49   | 10 - 95     |
| 4-Chlorophenyl phenyl ether - RA | <0.0938       | U                | 5.68        | 7.529     |              | ug/L |   | 133  | 53 - 134    |
| 4-Nitroaniline - RA              | <0.266        | U                | 5.68        | 5.694     |              | ug/L |   | 100  | 45 - 148    |
| Acenaphthene - RA                | 0.943         |                  | 5.68        | 8.198     |              | ug/L |   | 128  | 48 - 136    |
| Acenaphthylene - RA              | <0.123        | U F1             | 5.68        | 8.670     | F1           | ug/L |   | 153  | 40 - 149    |
| Aniline - RA                     | <0.442        | U                | 5.68        | 1.785     |              | ug/L |   | 31   | 10 - 73     |
| Anthracene - RA                  | <0.102        | U F1             | 5.68        | 8.703     | F1           | ug/L |   | 153  | 51 - 146    |
| Benzo[a]anthracene - RA          | <0.125        | U F1             | 5.68        | 9.878     | F1           | ug/L |   | 174  | 43 - 145    |
| Benzo[a]pyrene - RA              | <0.105        | U F1             | 5.68        | 9.097     | F1           | ug/L |   | 160  | 52 - 136    |
| Benzo[b]fluoranthene - RA        | <0.122        | U F1             | 5.68        | 10.19     | F1           | ug/L |   | 179  | 45 - 140    |
| Benzo[g,h,i]perylene - RA        | <0.0888       | U                | 5.68        | 7.326     |              | ug/L |   | 129  | 44 - 137    |
| Benzo[k]fluoranthene - RA        | <0.121        | U F1             | 5.68        | 9.214     | F1           | ug/L |   | 162  | 37 - 140    |
| Benzyl alcohol - RA              | <0.220        | U *- *1          | 5.68        | 4.168     |              | ug/L |   | 73   | 40 - 133    |
| Bis(2-chloroethoxy)methane - RA  | <0.106        | U F1             | 5.68        | 9.116     | F1           | ug/L |   | 160  | 52 - 143    |
| Bis(2-chloroethyl)ether - RA     | 0.768         | F1               | 5.68        | 8.986     | F1           | ug/L |   | 145  | 52 - 140    |
| Bis(2-ethylhexyl) phthalate - RA | 0.731         | J F1             | 5.68        | 13.69     | F1           | ug/L |   | 228  | 50 - 140    |
| Butyl benzyl phthalate - RA      | <0.330        | U F1             | 5.68        | 12.48     | F1           | ug/L |   | 220  | 60 - 150    |
| Chrysene - RA                    | <0.0949       | U F1             | 5.68        | 8.919     | F1           | ug/L |   | 157  | 47 - 137    |
| Dibenz(a,h)anthracene - RA       | <0.0836       | U                | 5.68        | 7.968     |              | ug/L |   | 140  | 50 - 147    |
| Dibenzofuran - RA                | <0.110        | U                | 5.68        | 7.767     |              | ug/L |   | 137  | 52 - 139    |
| Diethyl phthalate - RA           | <0.184        | U F1             | 5.68        | 8.612     | F1           | ug/L |   | 152  | 55 - 137    |
| Dimethyl phthalate - RA          | <0.131        | U F1             | 5.68        | 9.966     | F1           | ug/L |   | 175  | 44 - 150    |
| Di-n-butyl phthalate - RA        | <0.649        | U F1             | 5.68        | 11.14     | F1           | ug/L |   | 196  | 49 - 146    |
| Di-n-octyl phthalate - RA        | <0.281        | U F1             | 5.68        | 15.56     | F1           | ug/L |   | 274  | 55 - 150    |
| Fluoranthene - RA                | <0.118        | U F1             | 5.68        | 9.678     | F1           | ug/L |   | 170  | 50 - 144    |
| Fluorene - RA                    | 0.143         | J F1             | 5.68        | 8.406     | F1           | ug/L |   | 145  | 54 - 136    |
| Hexachlorobenzene - RA           | <0.130        | U                | 5.68        | 7.798     |              | ug/L |   | 137  | 55 - 138    |
| Hexachlorobutadiene - RA         | <0.159        | U                | 5.68        | 4.224     |              | ug/L |   | 74   | 45 - 150    |
| Hexachlorocyclopentadiene - RA   | <0.176        | U                | 5.68        | 3.456     |              | ug/L |   | 61   | 24 - 150    |
| Hexachloroethane - RA            | <0.123        | U                | 5.68        | 5.221     |              | ug/L |   | 92   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene - RA      | <0.101        | U                | 5.68        | 7.780     |              | ug/L |   | 137  | 46 - 138    |
| Isophorone - RA                  | <0.104        | U F1             | 5.68        | 9.227     | F1           | ug/L |   | 162  | 48 - 147    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 276472

Prep Batch: 275662

| Analyte                                 | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Naphthalene - RA                        | <0.112        | U                | 5.68        | 6.228     |              | ug/L |   | 110  | 35 - 141    |
| Nitrobenzene - RA                       | <0.150        | U F1             | 5.68        | 8.832     | F1           | ug/L |   | 155  | 52 - 141    |
| N-Nitrosodi-n-propylamine - RA          | <0.145        | U F1             | 5.68        | 8.440     | F1           | ug/L |   | 149  | 41 - 137    |
| N-Nitrosodiphenylamine - RA             | <0.110        | U F1             | 5.68        | 9.046     | F1           | ug/L |   | 159  | 51 - 135    |
| Pentachlorophenol - RA                  | <0.307        | U F1             | 5.68        | 10.44     | F1           | ug/L |   | 184  | 33 - 150    |
| Phenanthrene - RA                       | <0.105        | U F1             | 5.68        | 8.417     | F1           | ug/L |   | 148  | 54 - 141    |
| Phenol - RA                             | 3.48          |                  | 5.68        | 7.603     | I            | ug/L |   | 73   | 40 - 145    |
| Pyrene - RA                             | <0.127        | U F1             | 5.68        | 9.356     | F1           | ug/L |   | 165  | 50 - 143    |
| Pyridine - RA                           | <0.822        | U *- *1          | 5.68        | 1.169     | J            | ug/L |   | 21   | 10 - 84     |
| N-Nitro-o-toluidine - RA                | <0.640        | U                | 5.68        | 4.101     |              | ug/L |   | 72   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol - RA          | <0.249        | U F1             | 5.68        | 9.967     | F1           | ug/L |   | 175  | 60 - 150    |
| Acetophenone - RA                       | <0.136        | U                | 5.68        | 6.604     |              | ug/L |   | 116  | 52 - 136    |
| N-Nitrosopiperidine - RA                | <0.620        | U                | 5.68        | 6.337     |              | ug/L |   | 112  | 36 - 148    |
| Pentachlorobenzene - RA                 | <0.123        | U                | 5.68        | 5.084     |              | ug/L |   | 89   | 52 - 128    |
| 1,1'-Biphenyl - RA                      | <0.111        | U                | 5.68        | 5.378     |              | ug/L |   | 95   | 39 - 142    |
| 4-Aminobiphenyl - RA                    | <0.192        | U                | 5.68        | 1.846     |              | ug/L |   | 32   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene - RA         | <0.113        | U                | 5.68        | 4.151     |              | ug/L |   | 73   | 46 - 125    |
| 1,3,5-Trinitrobenzene - RA              | <0.642        | U                | 5.68        | 6.636     |              | ug/L |   | 117  | 42 - 130    |
| 1,3-Dinitrobenzene - RA                 | <0.577        | U F1             | 5.68        | 9.550     | F1           | ug/L |   | 168  | 65 - 150    |
| 1,4-Naphthoquinone - RA                 | <0.0602       | U                | 5.68        | 6.626     |              | ug/L |   | 117  | 24 - 137    |
| 1-Naphthylamine - RA                    | <0.265        | U F2             | 5.68        | 1.639     |              | ug/L |   | 29   | 10 - 78     |
| 2,6-Dichlorophenol - RA                 | <0.0956       | U                | 5.68        | 7.180     |              | ug/L |   | 126  | 42 - 145    |
| 2-Acetylaminofluorene - RA              | <1.68         | U F1             | 5.68        | 11.57     | F1           | ug/L |   | 204  | 45 - 150    |
| 2-Chlorophenol - RA                     | <0.101        | U                | 5.68        | 7.686     |              | ug/L |   | 135  | 51 - 143    |
| 2-Naphthylamine - RA                    | <0.405        | U                | 5.68        | 1.414     |              | ug/L |   | 25   | 17 - 92     |
| 2-Picoline - RA                         | <1.01         | U *- F1 *1       | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine - RA                        | <0.417        | U                | 5.68        | 2.498     |              | ug/L |   | 44   | 10 - 79     |
| 3,3'-Dichlorobenzidine - RA             | <0.639        | U F2             | 5.68        | 1.627     |              | ug/L |   | 29   | 10 - 128    |
| 3,3'-Dimethylbenzidine - RA             | <0.290        | U *- F1 *1       | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene - RA               | <0.0867       | U                | 5.68        | 6.661     |              | ug/L |   | 117  | 53 - 130    |
| 4-Nitroquinoline-1-oxide - RA           | <0.626        | U                | 5.68        | 4.591     |              | ug/L |   | 81   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene - RA     | <0.126        | U                | 5.68        | 6.545     |              | ug/L |   | 115  | 27 - 146    |
| alpha,alpha-Dimethylphenethylamine - RA | <1.43         | U *- F1          | 5.68        | <1.44     | U F1         | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1 - RA                     | <0.181        | U F1             | 2.84        | 4.443     | F1           | ug/L |   | 156  | 45 - 150    |
| Aramite Peak 2 - RA                     | <0.199        | U                | 2.84        | 4.206     |              | ug/L |   | 148  | 45 - 150    |
| Diallate Peak 1 - RA                    | <0.0735       | U                | 4.20        | 5.462     |              | ug/L |   | 130  | 47 - 150    |
| Diallate Peak 2 - RA                    | <0.0294       | U                | 1.48        | 1.632     |              | ug/L |   | 110  | 53 - 142    |
| Ethyl methanesulfonate - RA             | <0.182        | U                | 5.68        | 3.919     |              | ug/L |   | 69   | 45 - 138    |
| Hexachloropropene - RA                  | <0.562        | U                | 5.68        | 3.044     |              | ug/L |   | 54   | 35 - 140    |
| Isosafrole - RA                         | <0.0227       | U                | 5.68        | 6.432     |              | ug/L |   | 113  | 47 - 137    |
| Isosafrole Peak 1 - RA                  | <0.0227       | U                | 0.909       | 0.9693    |              | ug/L |   | 107  | 48 - 132    |
| Isosafrole Peak 2 - RA                  | <0.0968       | U                | 4.77        | 5.463     |              | ug/L |   | 114  | 47 - 137    |
| Methyl methanesulfonate - RA            | <0.183        | U F1             | 5.68        | 1.654     | F1           | ug/L |   | 29   | 33 - 140    |
| N-Nitrosodiethylamine - RA              | <0.662        | U                | 5.68        | 5.999     |              | ug/L |   | 106  | 50 - 136    |
| N-Nitrosodimethylamine - RA             | <0.156        | U F1             | 5.68        | 1.564     | F1           | ug/L |   | 28   | 33 - 148    |
| N-Nitrosodi-n-butylamine - RA           | <0.711        | U                | 5.68        | 8.153     |              | ug/L |   | 143  | 30 - 150    |
| N-Nitrosomethylethylamine - RA          | <0.689        | U                | 5.68        | 3.368     |              | ug/L |   | 59   | 30 - 148    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                         | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| N-Nitrosomorpholine - RA        | <0.701        | U                | 5.68        | 2.692     |              | ug/L |   | 47   | 40 - 140    |
| N-Nitrosopyrrolidine - RA       | <0.107        | U                | 5.68        | 3.359     |              | ug/L |   | 59   | 20 - 130    |
| p-Dimethylamino azobenzene - RA | <0.152        | U F1             | 5.68        | 9.329     | F1           | ug/L |   | 164  | 16 - 150    |
| Pentachloronitrobenzene - RA    | <0.248        | U                | 5.68        | 8.239     |              | ug/L |   | 145  | 38 - 145    |
| Phenacetin - RA                 | <0.248        | U                | 5.68        | 6.468     |              | ug/L |   | 114  | 50 - 150    |
| p-Phenylene diamine - RA        | <5.62         | U *- F1          | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |
| Pronamide - RA                  | <0.132        | U F1             | 5.68        | 8.815     | F1           | ug/L |   | 155  | 60 - 150    |
| Safrrole, Total - RA            | <0.0905       | U *-             | 5.68        | 6.102     |              | ug/L |   | 107  | 70 - 130    |

| Surrogate                        | MS %Recovery | MS Qualifier | Limits   |
|----------------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) - RA | 135          |              | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 106          |              | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 66           |              | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 131          |              | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 38           |              | 8 - 124  |
| p-Terphenyl-d14 - RA             | 108          |              | 28 - 130 |

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                           | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene - RA       | <0.119        | U                | 5.70        | 4.793      |               | ug/L |   | 84   | 55 - 120    | 8   | 30        |
| 1,2-Dichlorobenzene - RA          | 0.257         | J                | 5.70        | 5.080      |               | ug/L |   | 85   | 65 - 130    | 8   | 30        |
| 1,3-Dichlorobenzene - RA          | <0.106        | U                | 5.70        | 4.678      |               | ug/L |   | 82   | 26 - 130    | 9   | 30        |
| 1,4-Dichlorobenzene - RA          | 0.419         | J                | 5.70        | 5.037      |               | ug/L |   | 81   | 60 - 150    | 8   | 30        |
| 2,2'-oxybis[1-chloropropane] - RA | <1.82         | U                | 5.70        | 6.298      |               | ug/L |   | 111  | 65 - 145    | 10  | 30        |
| 2,4,5-Trichlorophenol - RA        | <0.424        | U F1             | 5.70        | 9.631      | F1            | ug/L |   | 169  | 58 - 150    | 9   | 30        |
| 2,4,6-Trichlorophenol - RA        | <0.115        | U F1             | 5.70        | 7.821      |               | ug/L |   | 137  | 39 - 145    | 10  | 30        |
| 2,4-Dichlorophenol - RA           | <0.124        | U F1             | 5.70        | 7.927      |               | ug/L |   | 139  | 60 - 147    | 6   | 30        |
| 2,4-Dimethylphenol - RA           | <0.110        | U F1             | 5.70        | 8.473      | F1            | ug/L |   | 149  | 58 - 140    | 7   | 30        |
| 1,4-Dioxane - RA                  | 4.62          |                  | 5.70        | 6.852      |               | ug/L |   | 39   | 31 - 145    | 2   | 30        |
| 2,4-Dinitrophenol - RA            | <1.36         | U                | 5.70        | 4.985      | J             | ug/L |   | 87   | 10 - 150    | 24  | 30        |
| 2,4-Dinitrotoluene - RA           | <0.504        | U F1             | 5.70        | 8.547      |               | ug/L |   | 150  | 29 - 150    | 8   | 30        |
| 2,6-Dinitrotoluene - RA           | <0.268        | U F1             | 5.70        | 10.07      | F1            | ug/L |   | 177  | 55 - 150    | 9   | 30        |
| 2-Chloronaphthalene - RA          | <0.116        | U                | 5.70        | 5.171      |               | ug/L |   | 91   | 39 - 141    | 7   | 30        |
| 2-Methylnaphthalene - RA          | <0.107        | U                | 5.70        | 6.209      |               | ug/L |   | 109  | 33 - 149    | 9   | 30        |
| 2-Methylphenol - RA               | <0.107        | U                | 5.70        | 5.544      |               | ug/L |   | 97   | 49 - 140    | 6   | 30        |
| 2-Nitroaniline - RA               | <0.155        | U F1             | 5.70        | 8.660      | F1            | ug/L |   | 152  | 42 - 150    | 9   | 30        |
| 2-Nitrophenol - RA                | <0.135        | U F1             | 5.70        | 9.017      | F1            | ug/L |   | 158  | 43 - 150    | 11  | 30        |
| 3 & 4 Methylphenol - RA           | <0.0928       | U                | 5.70        | 4.469      |               | ug/L |   | 78   | 55 - 142    | 7   | 30        |
| 3-Nitroaniline - RA               | <0.219        | U                | 5.70        | 4.105      |               | ug/L |   | 72   | 25 - 119    | 4   | 30        |
| 4,6-Dinitro-2-methylphenol - RA   | <1.21         | U                | 5.70        | 7.112      |               | ug/L |   | 125  | 10 - 150    | 16  | 30        |
| 4-Bromophenyl phenyl ether - RA   | <0.104        | U F1             | 5.70        | 7.603      |               | ug/L |   | 133  | 56 - 136    | 10  | 30        |
| 4-Chloro-3-methylphenol - RA      | <0.117        | U F1             | 5.70        | 8.323      | F1            | ug/L |   | 146  | 52 - 137    | 8   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 4-Chloroaniline - RA             | <0.0866       | U                | 5.70        | 3.030      |               | ug/L |   | 53   | 10 - 95     | 8   | 30        |
| 4-Chlorophenyl phenyl ether - RA | <0.0938       | U                | 5.70        | 6.947      |               | ug/L |   | 122  | 53 - 134    | 8   | 30        |
| 4-Nitroaniline - RA              | <0.266        | U                | 5.70        | 5.509      |               | ug/L |   | 97   | 45 - 148    | 3   | 30        |
| Acenaphthene - RA                | 0.943         |                  | 5.70        | 7.522      |               | ug/L |   | 115  | 48 - 136    | 9   | 30        |
| Acenaphthylene - RA              | <0.123        | U F1             | 5.70        | 8.014      |               | ug/L |   | 141  | 40 - 149    | 8   | 30        |
| Aniline - RA                     | <0.442        | U                | 5.70        | 2.015      |               | ug/L |   | 35   | 10 - 73     | 12  | 30        |
| Anthracene - RA                  | <0.102        | U F1             | 5.70        | 8.084      |               | ug/L |   | 142  | 51 - 146    | 7   | 30        |
| Benzo[a]anthracene - RA          | <0.125        | U F1             | 5.70        | 9.067      | F1            | ug/L |   | 159  | 43 - 145    | 9   | 30        |
| Benzo[a]pyrene - RA              | <0.105        | U F1             | 5.70        | 8.392      | F1            | ug/L |   | 147  | 52 - 136    | 8   | 30        |
| Benzo[b]fluoranthene - RA        | <0.122        | U F1             | 5.70        | 9.160      | F1            | ug/L |   | 161  | 45 - 140    | 11  | 30        |
| Benzo[g,h,i]perylene - RA        | <0.0888       | U                | 5.70        | 6.739      |               | ug/L |   | 118  | 44 - 137    | 8   | 30        |
| Benzo[k]fluoranthene - RA        | <0.121        | U F1             | 5.70        | 8.171      | F1            | ug/L |   | 143  | 37 - 140    | 12  | 30        |
| Benzyl alcohol - RA              | <0.220        | U *- *1          | 5.70        | 3.826      |               | ug/L |   | 67   | 40 - 133    | 9   | 30        |
| Bis(2-chloroethoxy)methane - RA  | <0.106        | U F1             | 5.70        | 8.454      | F1            | ug/L |   | 148  | 52 - 143    | 8   | 30        |
| Bis(2-chloroethyl)ether - RA     | 0.768         | F1               | 5.70        | 8.287      |               | ug/L |   | 132  | 52 - 140    | 8   | 30        |
| Bis(2-ethylhexyl) phthalate - RA | 0.731         | J F1             | 5.70        | 12.59      | F1            | ug/L |   | 208  | 50 - 140    | 8   | 30        |
| Butyl benzyl phthalate - RA      | <0.330        | U F1             | 5.70        | 11.44      | F1            | ug/L |   | 201  | 60 - 150    | 9   | 30        |
| Chrysene - RA                    | <0.0949       | U F1             | 5.70        | 8.210      | F1            | ug/L |   | 144  | 47 - 137    | 8   | 30        |
| Dibenz(a,h)anthracene - RA       | <0.0836       | U                | 5.70        | 7.317      |               | ug/L |   | 128  | 50 - 147    | 9   | 30        |
| Dibenzofuran - RA                | <0.110        | U                | 5.70        | 7.271      |               | ug/L |   | 128  | 52 - 139    | 7   | 30        |
| Diethyl phthalate - RA           | <0.184        | U F1             | 5.70        | 8.060      | F1            | ug/L |   | 141  | 55 - 137    | 7   | 30        |
| Dimethyl phthalate - RA          | <0.131        | U F1             | 5.70        | 9.112      | F1            | ug/L |   | 160  | 44 - 150    | 9   | 30        |
| Di-n-butyl phthalate - RA        | <0.649        | U F1             | 5.70        | 10.64      | F1            | ug/L |   | 187  | 49 - 146    | 5   | 30        |
| Di-n-octyl phthalate - RA        | <0.281        | U F1             | 5.70        | 13.73      | F1            | ug/L |   | 241  | 55 - 150    | 13  | 30        |
| Fluoranthene - RA                | <0.118        | U F1             | 5.70        | 8.954      | F1            | ug/L |   | 157  | 50 - 144    | 8   | 30        |
| Fluorene - RA                    | 0.143         | J F1             | 5.70        | 7.701      |               | ug/L |   | 133  | 54 - 136    | 9   | 30        |
| Hexachlorobenzene - RA           | <0.130        | U                | 5.70        | 7.182      |               | ug/L |   | 126  | 55 - 138    | 8   | 30        |
| Hexachlorobutadiene - RA         | <0.159        | U                | 5.70        | 3.915      |               | ug/L |   | 69   | 45 - 150    | 8   | 30        |
| Hexachlorocyclopentadiene - RA   | <0.176        | U                | 5.70        | 3.035      |               | ug/L |   | 53   | 24 - 150    | 13  | 30        |
| Hexachloroethane - RA            | <0.123        | U                | 5.70        | 4.689      |               | ug/L |   | 82   | 30 - 130    | 11  | 30        |
| Indeno[1,2,3-cd]pyrene - RA      | <0.101        | U                | 5.70        | 7.248      |               | ug/L |   | 127  | 46 - 138    | 7   | 30        |
| Isophorone - RA                  | <0.104        | U F1             | 5.70        | 8.425      | F1            | ug/L |   | 148  | 48 - 147    | 9   | 30        |
| Naphthalene - RA                 | <0.112        | U                | 5.70        | 5.786      |               | ug/L |   | 102  | 35 - 141    | 7   | 30        |
| Nitrobenzene - RA                | <0.150        | U F1             | 5.70        | 8.031      |               | ug/L |   | 141  | 52 - 141    | 10  | 30        |
| N-Nitrosodi-n-propylamine - RA   | <0.145        | U F1             | 5.70        | 7.537      |               | ug/L |   | 132  | 41 - 137    | 11  | 30        |
| N-Nitrosodiphenylamine - RA      | <0.110        | U F1             | 5.70        | 8.375      | F1            | ug/L |   | 147  | 51 - 135    | 8   | 30        |
| Pentachlorophenol - RA           | <0.307        | U F1             | 5.70        | 9.437      | F1            | ug/L |   | 166  | 33 - 150    | 10  | 30        |
| Phenanthrene - RA                | <0.105        | U F1             | 5.70        | 7.869      |               | ug/L |   | 138  | 54 - 141    | 7   | 30        |
| Phenol - RA                      | 3.48          |                  | 5.70        | 7.356      | I             | ug/L |   | 68   | 40 - 145    | 3   | 30        |
| Pyrene - RA                      | <0.127        | U F1             | 5.70        | 8.913      | F1            | ug/L |   | 156  | 50 - 143    | 5   | 30        |
| Pyridine - RA                    | <0.822        | U *- *1          | 5.70        | 1.469      | J             | ug/L |   | 26   | 10 - 84     | 23  | 30        |
| N-Nitro-o-toluidine - RA         | <0.640        | U                | 5.70        | 4.153      |               | ug/L |   | 73   | 29 - 141    | 1   | 30        |
| 2,3,4,6-Tetrachlorophenol - RA   | <0.249        | U F1             | 5.70        | 9.082      | F1            | ug/L |   | 159  | 60 - 150    | 9   | 30        |
| Acetophenone - RA                | <0.136        | U                | 5.70        | 6.008      |               | ug/L |   | 105  | 52 - 136    | 9   | 30        |
| N-Nitrosopiperidine - RA         | <0.620        | U                | 5.70        | 5.946      |               | ug/L |   | 104  | 36 - 148    | 6   | 30        |
| Pentachlorobenzene - RA          | <0.123        | U                | 5.70        | 4.720      |               | ug/L |   | 83   | 52 - 128    | 7   | 30        |
| 1,1'-Biphenyl - RA               | <0.111        | U                | 5.70        | 4.944      |               | ug/L |   | 87   | 39 - 142    | 8   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 4-Aminobiphenyl - RA                     | <0.192        | U                | 5.70        | 2.331      |               | ug/L |   | 41   | 10 - 115    | 23  | 30        |
| 1,2,4,5-Tetrachlorobenzene - RA          | <0.113        | U                | 5.70        | 3.777      |               | ug/L |   | 66   | 46 - 125    | 9   | 30        |
| 1,3,5-Trinitrobenzene - RA               | <0.642        | U                | 5.70        | 5.909      |               | ug/L |   | 104  | 42 - 130    | 12  | 30        |
| 1,3-Dinitrobenzene - RA                  | <0.577        | U F1             | 5.70        | 8.752      | F1            | ug/L |   | 154  | 65 - 150    | 9   | 30        |
| 1,4-Naphthoquinone - RA                  | <0.0602       | U                | 5.70        | 5.645      |               | ug/L |   | 99   | 24 - 137    | 16  | 30        |
| 1-Naphthylamine - RA                     | <0.265        | U F2             | 5.70        | 2.728      | F2            | ug/L |   | 48   | 10 - 78     | 50  | 30        |
| 2,6-Dichlorophenol - RA                  | <0.0956       | U                | 5.70        | 6.639      |               | ug/L |   | 117  | 42 - 145    | 8   | 30        |
| 2-Acetylaminofluorene - RA               | <1.68         | U F1             | 5.70        | 10.74      | F1            | ug/L |   | 188  | 45 - 150    | 7   | 30        |
| 2-Chlorophenol - RA                      | <0.101        | U                | 5.70        | 7.045      |               | ug/L |   | 124  | 51 - 143    | 9   | 30        |
| 2-Naphthylamine - RA                     | <0.405        | U                | 5.70        | 1.881      |               | ug/L |   | 33   | 17 - 92     | 28  | 30        |
| 2-Picoline - RA                          | <1.01         | U *- F1 *1       | 5.70        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine - RA                         | <0.417        | U                | 5.70        | 2.841      |               | ug/L |   | 50   | 10 - 79     | 13  | 30        |
| 3,3'-Dichlorobenzidine - RA              | <0.639        | U F2             | 5.70        | 2.354      | F2            | ug/L |   | 41   | 10 - 128    | 37  | 30        |
| 3,3'-Dimethylbenzidine - RA              | <0.290        | U *- F1 *1       | 5.70        | <0.294     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene - RA                | <0.0867       | U                | 5.70        | 6.032      |               | ug/L |   | 106  | 53 - 130    | 10  | 30        |
| 4-Nitroquinoline-1-oxide - RA            | <0.626        | U                | 5.70        | 4.230      |               | ug/L |   | 74   | 20 - 140    | 8   | 30        |
| 7,12-Dimethylbenz(a)anthracene - RA      | <0.126        | U                | 5.70        | 6.129      |               | ug/L |   | 108  | 27 - 146    | 7   | 30        |
| alpha,alpha-Dimethyl phenethylamine - RA | <1.43         | U *- F1          | 5.70        | <1.45      | U F1          | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1 - RA                      | <0.181        | U F1             | 2.85        | 4.091      |               | ug/L |   | 144  | 45 - 150    | 8   | 30        |
| Aramite Peak 2 - RA                      | <0.199        | U                | 2.85        | 3.960      |               | ug/L |   | 139  | 45 - 150    | 6   | 30        |
| Diallate Peak 1 - RA                     | <0.0735       | U                | 4.22        | 4.855      |               | ug/L |   | 115  | 47 - 150    | 12  | 30        |
| Diallate Peak 2 - RA                     | <0.0294       | U                | 1.48        | 1.527      |               | ug/L |   | 103  | 53 - 142    | 7   | 30        |
| Ethyl methanesulfonate - RA              | <0.182        | U                | 5.70        | 3.685      |               | ug/L |   | 65   | 45 - 138    | 6   | 30        |
| Hexachloropropene - RA                   | <0.562        | U                | 5.70        | 2.769      |               | ug/L |   | 49   | 35 - 140    | 9   | 30        |
| Isosafrole - RA                          | <0.0227       | U                | 5.70        | 5.864      |               | ug/L |   | 103  | 47 - 137    | 9   | 30        |
| Isosafrole Peak 1 - RA                   | <0.0227       | U                | 0.912       | 0.8904     |               | ug/L |   | 98   | 48 - 132    | 8   | 30        |
| Isosafrole Peak 2 - RA                   | <0.0968       | U                | 4.79        | 4.974      |               | ug/L |   | 104  | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate - RA             | <0.183        | U F1             | 5.70        | 1.603      | F1            | ug/L |   | 28   | 33 - 140    | 3   | 30        |
| N-Nitrosodiethylamine - RA               | <0.662        | U                | 5.70        | 5.530      |               | ug/L |   | 97   | 50 - 136    | 8   | 30        |
| N-Nitrosodimethylamine - RA              | <0.156        | U F1             | 5.70        | 1.497      | F1            | ug/L |   | 26   | 33 - 148    | 4   | 30        |
| N-Nitrosodi-n-butylamine - RA            | <0.711        | U                | 5.70        | 7.353      |               | ug/L |   | 129  | 30 - 150    | 10  | 30        |
| N-Nitrosomethylethylamine - RA           | <0.689        | U                | 5.70        | 3.131      |               | ug/L |   | 55   | 30 - 148    | 7   | 30        |
| N-Nitrosomorpholine - RA                 | <0.701        | U                | 5.70        | 2.535      |               | ug/L |   | 44   | 40 - 140    | 6   | 30        |
| N-Nitrosopyrrolidine - RA                | <0.107        | U                | 5.70        | 3.062      |               | ug/L |   | 54   | 20 - 130    | 9   | 30        |
| p-Dimethylamino azobenzene - RA          | <0.152        | U F1             | 5.70        | 8.793      | F1            | ug/L |   | 154  | 16 - 150    | 6   | 30        |
| Pentachloronitrobenzene - RA             | <0.248        | U                | 5.70        | 7.818      |               | ug/L |   | 137  | 38 - 145    | 5   | 30        |
| Phenacetin - RA                          | <0.248        | U                | 5.70        | 6.383      |               | ug/L |   | 112  | 50 - 150    | 1   | 30        |
| p-Phenylene diamine - RA                 | <5.62         | U *- F1          | 5.70        | <5.70      | U             | ug/L |   | NC   | 5 - 112     | NC  | 30        |
| Pronamide - RA                           | <0.132        | U F1             | 5.70        | 8.139      |               | ug/L |   | 143  | 60 - 150    | 8   | 30        |
| Safrole, Total - RA                      | <0.0905       | U *-             | 5.70        | 5.640      |               | ug/L |   | 99   | 70 - 130    | 8   | 30        |

| Surrogate                        | MSD %Recovery | MSD Qualifier | Limits   |
|----------------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) - RA | 124           |               | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 100           |               | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 63            |               | 19 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Surrogate                   | MSD       | MSD       | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Nitrobenzene-d5 (Surr) - RA | 123       |           | 32 - 133 |
| Phenol-d5 (Surr) - RA       | 37        |           | 8 - 124  |
| p-Terphenyl-d14 - RA        | 104       |           | 28 - 130 |

## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### GC/MS VOA

#### Analysis Batch: 275424

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-1      | TB-06                  | Total/NA  | Water  | 8260D  |            |
| 860-116043-3      | MW-129-D               | Total/NA  | Water  | 8260D  |            |
| 860-116043-4      | MW-31-S                | Total/NA  | Water  | 8260D  |            |
| 860-116043-7      | MW-27-S                | Total/NA  | Water  | 8260D  |            |
| MB 860-275424/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275424/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275424/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116043-7 MS   | MW-27-S                | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 275429

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-1      | TB-06                  | Total/NA  | Water  | 8260D  |            |
| 860-116043-3      | MW-129-D               | Total/NA  | Water  | 8260D  |            |
| 860-116043-4      | MW-31-S                | Total/NA  | Water  | 8260D  |            |
| MB 860-275429/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275429/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275429/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115934-A-3 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 275621

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-2      | MW-25                  | Total/NA  | Water  | 8260D  |            |
| 860-116043-5      | MW-31-D                | Total/NA  | Water  | 8260D  |            |
| 860-116043-6      | MW-27-D                | Total/NA  | Water  | 8260D  |            |
| 860-116043-7      | MW-27-S                | Total/NA  | Water  | 8260D  |            |
| 860-116043-8      | MW-26-S                | Total/NA  | Water  | 8260D  |            |
| 860-116043-9      | MW-26-D                | Total/NA  | Water  | 8260D  |            |
| 860-116043-10     | RB-02                  | Total/NA  | Water  | 8260D  |            |
| 860-116043-11     | MW-28-S                | Total/NA  | Water  | 8260D  |            |
| 860-116043-12     | MW-28-D                | Total/NA  | Water  | 8260D  |            |
| 860-116043-13     | FB-02                  | Total/NA  | Water  | 8260D  |            |
| MB 860-275621/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275621/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275621/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115960-B-3 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 275893

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-8 - DL    | MW-26-S                | Total/NA  | Water  | 8260D  |            |
| MB 860-275893/7      | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-275893/31    | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-275893/4    | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116043-8 MS - DL | MW-26-S                | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 275601

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116043-2  | MW-25            | Total/NA  | Water  | 3511   |            |
| 860-116043-3  | MW-129-D         | Total/NA  | Water  | 3511   |            |
| 860-116043-4  | MW-31-S          | Total/NA  | Water  | 3511   |            |

Eurofins Houston

# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 275601 (Continued)

| Lab Sample ID         | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-5          | MW-31-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-6          | MW-27-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-7          | MW-27-S                | Total/NA  | Water  | 3511   |            |
| 860-116043-8 - DL     | MW-26-S                | Total/NA  | Water  | 3511   |            |
| 860-116043-8          | MW-26-S                | Total/NA  | Water  | 3511   |            |
| MB 860-275601/1-A     | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275601/2-A    | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275601/4-A    | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275601/3-A   | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275601/5-A   | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| 860-116038-D-11-B MS  | Matrix Spike           | Total/NA  | Water  | 3511   |            |
| 860-116038-D-11-C MSD | Matrix Spike Duplicate | Total/NA  | Water  | 3511   |            |

### Prep Batch: 275662

| Lab Sample ID             | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-9              | MW-26-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-9 - RA         | MW-26-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-9 - DL2        | MW-26-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-9 - DL         | MW-26-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-10             | RB-02                  | Total/NA  | Water  | 3511   |            |
| 860-116043-10 - DL        | RB-02                  | Total/NA  | Water  | 3511   |            |
| 860-116043-10 - RA        | RB-02                  | Total/NA  | Water  | 3511   |            |
| 860-116043-11             | MW-28-S                | Total/NA  | Water  | 3511   |            |
| 860-116043-11 - DL2       | MW-28-S                | Total/NA  | Water  | 3511   |            |
| 860-116043-11 - RA        | MW-28-S                | Total/NA  | Water  | 3511   |            |
| 860-116043-11 - DL        | MW-28-S                | Total/NA  | Water  | 3511   |            |
| 860-116043-12             | MW-28-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-12 - RA        | MW-28-D                | Total/NA  | Water  | 3511   |            |
| 860-116043-12 - DL2       | MW-28-D                | Total/NA  | Water  | 3511   |            |
| MB 860-275662/1-A         | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/2-A        | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/4-A        | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/3-A       | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/5-A       | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-A MS       | Matrix Spike           | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-A MS - RA  | Matrix Spike           | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-B MSD      | Matrix Spike Duplicate | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-B MSD - RA | Matrix Spike Duplicate | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 275931

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116043-10 | RB-02            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-11 | MW-28-S          | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 275964

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 860-275601/1-A  | Method Blank       | Total/NA  | Water  | 8270E  | 275601     |
| MB 860-275662/1-A  | Method Blank       | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275601/4-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 275601     |
| LCS 860-275662/2-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/4-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 275662     |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 275964 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCSD 860-275601/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275601     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276083

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-9         | MW-26-D                | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-12        | MW-28-D                | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-A MS  | Matrix Spike           | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-B MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276089

| Lab Sample ID         | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-2          | MW-25                  | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-3          | MW-129-D               | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-4          | MW-31-S                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-5          | MW-31-D                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-6          | MW-27-D                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-7          | MW-27-S                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-8          | MW-26-S                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-D-11-B MS  | Matrix Spike           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-D-11-C MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 275601     |

### Analysis Batch: 276290

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275601/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275601     |
| MB 860-275662/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275601/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275601     |
| LCS 860-275662/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275601/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275601     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276472

| Lab Sample ID             | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-9 - RA         | MW-26-D                | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-9 - DL         | MW-26-D                | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-12 - RA        | MW-28-D                | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-A MS - RA  | Matrix Spike           | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-B MSD - RA | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276619

| Lab Sample ID       | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------|-----------|--------|--------|------------|
| 860-116043-9 - DL2  | MW-26-D          | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-10 - RA  | RB-02            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-10 - DL  | RB-02            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-11 - RA  | MW-28-S          | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-11 - DL  | MW-28-S          | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-11 - DL2 | MW-28-S          | Total/NA  | Water  | 8270E  | 275662     |
| 860-116043-12 - DL2 | MW-28-D          | Total/NA  | Water  | 8270E  | 275662     |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### GC/MS Semi VOA

#### Analysis Batch: 276737

| Lab Sample ID         | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 860-116043-2          | MW-25                  | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-3          | MW-129-D               | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-4          | MW-31-S                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-5          | MW-31-D                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-6          | MW-27-D                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-7          | MW-27-S                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116043-8          | MW-26-S                | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-D-11-B MS  | Matrix Spike           | Total/NA  | Water  | 8270E  | 275601     |
| 860-116038-D-11-C MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 275601     |

#### Analysis Batch: 277021

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116043-11 | MW-28-S          | Total/NA  | Water  | 8270E  | 275662     |

#### Analysis Batch: 277514

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116043-8 - DL | MW-26-S          | Total/NA  | Water  | 8270E  | 275601     |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

**Client Sample ID: TB-06**

**Date Collected: 11/06/25 00:00**

**Date Received: 11/10/25 09:20**

**Lab Sample ID: 860-116043-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275429       | 11/13/25 15:37       | NA      | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275424       | 11/12/25 21:35       | MS      | EET HOU |

**Client Sample ID: MW-25**

**Date Collected: 11/06/25 08:59**

**Date Received: 11/10/25 09:20**

**Lab Sample ID: 860-116043-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275621       | 11/13/25 19:32       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.6 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 21:29       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.6 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 08:11       | DB      | EET HOU |

**Client Sample ID: MW-129-D**

**Date Collected: 11/06/25 09:58**

**Date Received: 11/10/25 09:20**

**Lab Sample ID: 860-116043-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275429       | 11/13/25 15:58       | NA      | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275424       | 11/12/25 23:18       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 89.4 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 21:58       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 89.4 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 08:39       | DB      | EET HOU |

**Client Sample ID: MW-31-S**

**Date Collected: 11/06/25 10:56**

**Date Received: 11/10/25 09:20**

**Lab Sample ID: 860-116043-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275429       | 11/13/25 16:18       | NA      | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275424       | 11/12/25 22:16       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 22:28       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 09:07       | DB      | EET HOU |

**Client Sample ID: MW-31-D**

**Date Collected: 11/06/25 11:31**

**Date Received: 11/10/25 09:20**

**Lab Sample ID: 860-116043-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275621       | 11/13/25 19:53       | MS      | EET HOU |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

**Client Sample ID: MW-31-D**

**Lab Sample ID: 860-116043-5**

Date Collected: 11/06/25 11:31

Matrix: Water

Date Received: 11/10/25 09:20

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3511         |     |            | 68.6 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 22:57       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 68.6 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 09:35       | DB      | EET HOU |

**Client Sample ID: MW-27-D**

**Lab Sample ID: 860-116043-6**

Date Collected: 11/06/25 13:35

Matrix: Water

Date Received: 11/10/25 09:20

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275621       | 11/13/25 20:13       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.4 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 23:27       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.4 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 10:03       | DB      | EET HOU |

**Client Sample ID: MW-27-S**

**Lab Sample ID: 860-116043-7**

Date Collected: 11/06/25 14:41

Matrix: Water

Date Received: 11/10/25 09:20

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275424       | 11/12/25 20:54       | MS      | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275621       | 11/13/25 18:10       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/15/25 23:56       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 10:31       | DB      | EET HOU |

**Client Sample ID: MW-26-S**

**Lab Sample ID: 860-116043-8**

Date Collected: 11/07/25 08:09

Matrix: Water

Date Received: 11/10/25 09:20

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        | DL  | 2000       | 5 mL           | 5 mL         | 275893       | 11/14/25 15:59       | KLV     | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 500        | 5 mL           | 5 mL         | 275621       | 11/13/25 20:54       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 500        | 1 mL           | 1 mL         | 277514       | 11/21/25 14:22       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276089       | 11/16/25 00:25       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275601       | 11/13/25 11:44       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276737       | 11/19/25 11:00       | DB      | EET HOU |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

**Client Sample ID: MW-26-D**

**Lab Sample ID: 860-116043-9**

**Date Collected: 11/07/25 08:59**

**Matrix: Water**

**Date Received: 11/10/25 09:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1000       | 5 mL           | 5 mL         | 275621       | 11/13/25 21:56       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 04:03       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.9 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 11:50       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.9 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 10         | 1 mL           | 1 mL         | 276472       | 11/18/25 12:20       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 69.9 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 1000       | 1 mL           | 1 mL         | 276619       | 11/19/25 10:22       | EM      | EET HOU |

**Client Sample ID: RB-02**

**Lab Sample ID: 860-116043-10**

**Date Collected: 11/07/25 09:10**

**Matrix: Water**

**Date Received: 11/10/25 09:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275621       | 11/13/25 19:11       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275931       | 11/15/25 00:04       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70 mL          | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 08:24       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70 mL          | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 10         | 1 mL           | 1 mL         | 276619       | 11/19/25 08:54       | EM      | EET HOU |

**Client Sample ID: MW-28-S**

**Lab Sample ID: 860-116043-11**

**Date Collected: 11/07/25 10:05**

**Matrix: Water**

**Date Received: 11/10/25 09:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 2000       | 5 mL           | 5 mL         | 275621       | 11/13/25 21:15       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.7 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275931       | 11/14/25 23:33       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.7 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 06:56       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.7 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 10         | 1 mL           | 1 mL         | 276619       | 11/19/25 07:26       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 70.7 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 50         | 1 mL           | 1 mL         | 276619       | 11/19/25 07:55       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.7 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1000       | 1 mL           | 1 mL         | 277021       | 11/20/25 02:27       | T1S     | EET HOU |

Eurofins Houston

Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

Client Sample ID: MW-28-D

Lab Sample ID: 860-116043-12

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 500        | 5 mL           | 5 mL         | 275621       | 11/13/25 21:35       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 04:33       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70 mL          | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 13:19       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 70 mL          | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 1000       | 1 mL           | 1 mL         | 276619       | 11/19/25 10:52       | EM      | EET HOU |

Client Sample ID: FB-02

Lab Sample ID: 860-116043-13

Date Collected: 11/07/25 10:44

Matrix: Water

Date Received: 11/10/25 09:20

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 275621       | 11/13/25 22:16       | MS      | EET HOU |

Laboratory References:  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-30-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116043-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116043-1  | TB-06            | Water  | 11/06/25 00:00 | 11/10/25 09:20 | Mississippi   |
| 860-116043-2  | MW-25            | Water  | 11/06/25 08:59 | 11/10/25 09:20 | Mississippi   |
| 860-116043-3  | MW-129-D         | Water  | 11/06/25 09:58 | 11/10/25 09:20 | Mississippi   |
| 860-116043-4  | MW-31-S          | Water  | 11/06/25 10:56 | 11/10/25 09:20 | Mississippi   |
| 860-116043-5  | MW-31-D          | Water  | 11/06/25 11:31 | 11/10/25 09:20 | Mississippi   |
| 860-116043-6  | MW-27-D          | Water  | 11/06/25 13:35 | 11/10/25 09:20 | Mississippi   |
| 860-116043-7  | MW-27-S          | Water  | 11/06/25 14:41 | 11/10/25 09:20 | Mississippi   |
| 860-116043-8  | MW-26-S          | Water  | 11/07/25 08:09 | 11/10/25 09:20 | Mississippi   |
| 860-116043-9  | MW-26-D          | Water  | 11/07/25 08:59 | 11/10/25 09:20 | Mississippi   |
| 860-116043-10 | RB-02            | Water  | 11/07/25 09:10 | 11/10/25 09:20 | Mississippi   |
| 860-116043-11 | MW-28-S          | Water  | 11/07/25 10:05 | 11/10/25 09:20 | Mississippi   |
| 860-116043-12 | MW-28-D          | Water  | 11/07/25 10:44 | 11/10/25 09:20 | Mississippi   |
| 860-116043-13 | FB-02            | Water  | 11/07/25 10:44 | 11/10/25 09:20 | Mississippi   |

**Eurofins Houston**

4145 Greenbrier Dr  
Stafford TX 77477  
Phone (281) 240-4200

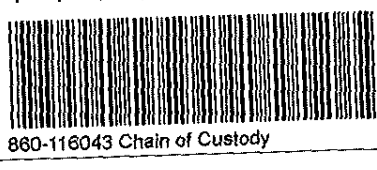
**Chain of Custody Record**

11/25/25



NOT MARK TEST

|                                                           |  |                                     |  |                                           |  |                                        |  |                                                    |  |                                              |  |                                       |  |
|-----------------------------------------------------------|--|-------------------------------------|--|-------------------------------------------|--|----------------------------------------|--|----------------------------------------------------|--|----------------------------------------------|--|---------------------------------------|--|
| <b>Client Information</b>                                 |  | Sampler: <u>Kudachkar Sachin G</u>  |  | Client Contact: <u>Mr Antonio Cardoso</u> |  | Phone: <u>225-205 8246</u>             |  | E-Mail: <u>Sachin.Kudachkar@eurofins.com</u>       |  | Carrier Tracking (Not)                       |  | COC No: <u>860-33465-10045.1</u>      |  |
| Company: <u>Arcaadis US Inc.</u>                          |  | Due Date Requested:                 |  | TAT Requested (days):                     |  | Compliance Project: <u>Δ Yes Δ No</u>  |  | PO #: <u>1096575</u>                               |  | WO #: <u>WO #</u>                            |  | Job #: <u>1062</u>                    |  |
| Address: <u>4300 West Cypress Street Suite 450</u>        |  | City: <u>Tampa</u>                  |  | State, Zip: <u>FL 33607</u>               |  | Phone: <u>1096575</u>                  |  | Email: <u>antonio.cardoso@arcaadis.com</u>         |  | Project Name: <u>Hercules Hattiesburg MS</u> |  | Project #: <u>86006085</u>            |  |
| Site: <u>SSOW#:</u>                                       |  | Sample Identification               |  | Sample Date                               |  | Sample Time                            |  | Sample Type (C=Comp, G=grab)                       |  | Matrix (W=Water, S=Soil, O=Other)            |  | Field Filtered Sample (Yes or No)     |  |
|                                                           |  | TF-06                               |  | 11/6/25                                   |  | -                                      |  | G                                                  |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-85                               |  |                                           |  | 0858                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-129-D                            |  |                                           |  | 0958                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-31-S                             |  |                                           |  | 1056                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-31-D                             |  |                                           |  | 1131                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-27-D                             |  |                                           |  | 1335                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-27-S                             |  |                                           |  | 1441                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-26-S                             |  | 10/2/25                                   |  | 0809                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-26-D                             |  |                                           |  | 0859                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | RB-02                               |  |                                           |  | 0910                                   |  |                                                    |  | Water                                        |  | N                                     |  |
|                                                           |  | MW-28-S                             |  |                                           |  | 1105                                   |  |                                                    |  | Water                                        |  | N                                     |  |
| <b>Possible Hazard Identification</b>                     |  | <input type="checkbox"/> Non-Hazard |  | <input type="checkbox"/> Flammable        |  | <input type="checkbox"/> Skin Irritant |  | <input type="checkbox"/> Poison B                  |  | <input type="checkbox"/> Unknown             |  | <input type="checkbox"/> Radiological |  |
| <b>Deliverable Requested:</b> I II III IV Other (specify) |  |                                     |  |                                           |  |                                        |  |                                                    |  |                                              |  |                                       |  |
| <b>Empty Kit Relinquished by:</b>                         |  | Date: <u>11-7-25</u>                |  | Time: <u>1205</u>                         |  | Company: <u></u>                       |  | Received by: <u></u>                               |  | Date/Time: <u>11/8/25 0920</u>               |  | Company: <u></u>                      |  |
| <b>Relinquished by:</b>                                   |  | Date/Time: <u>11-7-25</u>           |  | Company: <u></u>                          |  | Received by: <u></u>                   |  | Date/Time: <u></u>                                 |  | Company: <u></u>                             |  |                                       |  |
| <b>Relinquished by:</b>                                   |  | Date/Time: <u></u>                  |  | Company: <u></u>                          |  | Received by: <u></u>                   |  | Date/Time: <u></u>                                 |  | Company: <u></u>                             |  |                                       |  |
| <b>Custody Seal Intact:</b>                               |  | <u>Δ Yes Δ No</u>                   |  | <b>Custody Seal No.</b>                   |  | <u></u>                                |  | <b>Cooler Temperature(s) °C and Other Remarks:</b> |  | <u>Temp 2.7 IR ID: HOU-368</u>               |  | <u>C/F +0.4</u>                       |  |
|                                                           |  |                                     |  |                                           |  |                                        |  |                                                    |  | <u>Corrected Temp 3.1</u>                    |  | <u>Per 0.06/2024</u>                  |  |



860-116043 Chain of Custody

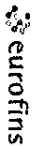
Special Instructions/Note:



4145 Greenbriar Dr  
Stafford TX 77477  
Phone (281) 240-4200

## Chain of Custody Record

10



உதாரணமாக, தேசிய

[illegible]

## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116043-1

Login Number: 116043

List Number: 1

Creator: Jimenez, Nicanor

List Source: Eurofins Houston

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 11/25/2025 2:21:56 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116246-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
11/25/2025 2:21:56 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |

Eurofins Houston

Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|--------------|-----------------------------------------------------------------------------|
| TNTC         | Too Numerous To Count                                                       |

|    |
|----|
| 1  |
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| 15 |



# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116246-1

**Job ID: 860-116246-1**

**Eurofins Houston**

## Job Narrative 860-116246-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/12/2025 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-276045 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene (-27.0%), Benzyl chloride(-37.0%), Naphthalene(-31.0%), 1,2-Dibromo-3-Chloropropane(-25.0%) and Hexachlorobutadiene(-24.0%) A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-276045 recovered above the upper control limit for Acetone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCVIS 860-276045/2).

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-276045 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-276330 were outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Di-n-octyl phthalate, 1,3-Dinitrobenzene, Hexachloropropene and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-275662 and 860-275664 and analytical batch 860-275964 recovered outside control limits for the following analytes: Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Methapyrilene, Disulfoton and Thionazin. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275662 and analytical batch 860-275964 recovered outside control limits for the following analyte(s): Benzyl alcohol, Pyridine, 2-Picoline, 3,3'-Dimethylbenzidine and p-Phenylene diamine. Benzyl alcohol, Pyridine, 2-Picoline, 3,3'-Dimethylbenzidine and p-Phenylene diamine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Disulfoton and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116246-1

### Job ID: 860-116246-1 (Continued)

Eurofins Houston

associated sample is:(CCV 860-275964/3).

Method 8270E\_QQQ: The laboratory is using 70 - 130% as interim acceptance criteria for recoveries of spiked analytes for Safrole, Total, until in-house LCS limits are developed. Data is flagged and reported.

(LCS 860-275662/2-A) and (LCSD 860-275662/3-A)

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275604 recovered above the upper control limit for 1,3-Dinitrobenzene, 2-Acetylaminofluorene, Aramite Peak 1, Di-n-octyl phthalate and Hexachloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275604/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275604 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275604/3).

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275664 and analytical batch 860-275604 recovered outside control limits for the following analytes: 3-Methylcholanthrene and Pronamide. These analytes have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: The laboratory is using 70 - 130% as interim acceptance criteria for recoveries of spiked analytes for Safrole, Total, until in-house LCS limits are developed. Data is flagged and reported.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: (860-116304-G-5-A MS) and (860-116304-G-5-B MSD). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276083/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-275662 and analytical batch 860-276083 were outside control limits. Sample matrix interference and non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Butyl benzyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276083/2).

Method 8270E\_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275662 and analytical batch 860-276290 recovered outside control limits for the following analyte: alpha,alpha-Dimethyl phenethylamine. alpha,alpha-Dimethyl phenethylamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276472 recovered above the upper control limit for 2-Fluorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276472/2).

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116246-1

### Job ID: 860-116246-1 (Continued)

Eurofins Houston

860-275662 and analytical batch 860-276472 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276619 recovered above the upper control limit for 2-Fluorophenol (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276619/2).

Method 8270E\_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-05 (860-116246-7). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-05 (860-116246-7). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275664 and analytical batch 860-276611 recovered outside control limits for the following analyte(s): alpha,alpha-Dimethyl phenethylamine. alpha,alpha-Dimethyl phenethylamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

### Client Sample ID: MW-01

Lab Sample ID: 860-116246-1

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| Diphenyl ether | 0.667  |           | 0.571 | 0.101 | ug/L |     | 1   |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl  | 0.178  | J         | 0.571 | 0.113 | ug/L |     | 1   |   | 8270E  | Total/NA  |

### Client Sample ID: MW-03

Lab Sample ID: 860-116246-2

| Analyte                 | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| 1,4-Dioxane             | 1.00   |           | 0.576 | 0.106 | ug/L |     | 1   |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether | 0.725  |           | 0.576 | 0.107 | ug/L |     | 1   |   | 8270E  | Total/NA  |

### Client Sample ID: MW-02

Lab Sample ID: 860-116246-3

| Analyte                 | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| 1,4-Dioxane             | 0.257  | J         | 0.573 | 0.105 | ug/L |     | 1   |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether | 0.144  | J         | 0.573 | 0.107 | ug/L |     | 1   |   | 8270E  | Total/NA  |

### Client Sample ID: MW-10

Lab Sample ID: 860-116246-4

No Detections.

### Client Sample ID: TB-08

Lab Sample ID: 860-116246-5

No Detections.

### Client Sample ID: MW-11

Lab Sample ID: 860-116246-6

| Analyte     | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|-------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| 1,4-Dioxane | 1.64   |           | 0.573 | 0.105 | ug/L |     | 1   |   | 8270E  | Total/NA  |

### Client Sample ID: MW-05

Lab Sample ID: 860-116246-7

| Analyte                           | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|-----------------------------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| 2-Propanol                        | 13.9   |           | 10.0  | 5.23  | ug/L |     | 1   |   | 8260D  | Total/NA  |
| Chlorobenzene                     | 1.31   |           | 1.00  | 0.455 | ug/L |     | 1   |   | 8260D  | Total/NA  |
| Tetrahydrofuran                   | 3.24   | J         | 10.0  | 1.83  | ug/L |     | 1   |   | 8260D  | Total/NA  |
| Acetone - RA                      | 22.6   | J         | 100   | 3.07  | ug/L |     | 1   |   | 8260D  | Total/NA  |
| Acenaphthene                      | 0.436  | J         | 0.567 | 0.101 | ug/L |     | 1   |   | 8270E  | Total/NA  |
| Fluorene                          | 0.141  | J         | 0.567 | 0.112 | ug/L |     | 1   |   | 8270E  | Total/NA  |
| Diphenyl ether                    | 1.24   |           | 0.567 | 0.100 | ug/L |     | 1   |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate | 6.81   |           | 0.567 | 0.131 | ug/L |     | 1   |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                  | 288    |           | 11.3  | 2.08  | ug/L |     | 20  |   | 8270E  | Total/NA  |

### Client Sample ID: MW-12

Lab Sample ID: 860-116246-8

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil | Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|-----|-----|---|--------|-----------|
| Diphenyl ether | 0.367  | J         | 0.570 | 0.101 | ug/L |     | 1   |   | 8270E  | Total/NA  |

### Client Sample ID: FB-01

Lab Sample ID: 860-116246-9

No Detections.

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-01

Lab Sample ID: 860-116246-1

Date Collected: 11/10/25 11:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 06:55 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 06:55 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 06:55 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 06:55 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 06:55 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 06:55 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 06:55 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 06:55 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 06:55 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 06:55 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-01

Lab Sample ID: 860-116246-1

Date Collected: 11/10/25 11:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 06:55 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 06:55 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 06:55 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 06:55 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 06:55 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 06:55 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 06:55 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 06:55 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 06:55 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 06:55 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 06:55 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 06:55 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/15/25 06:55 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 74 - 124 |          | 11/15/25 06:55 | 1       |
| Dibromofluoromethane (Surr)  | 111       |           | 75 - 131 |          | 11/15/25 06:55 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/15/25 06:55 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.85  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.571 | 0.430  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 3 & 4 Methylphenol           | <0.0943 | U         | 0.571 | 0.0943 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-01

Lab Sample ID: 860-116246-1

Date Collected: 11/10/25 11:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 4-Chloroaniline             | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0953 | U         | 0.571 | 0.0953 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 4-Nitroaniline              | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Acenaphthene                | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Aniline                     | <0.449  | U         | 1.14  | 0.449  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Anthracene                  | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.285 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0902 | U         | 0.571 | 0.0902 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Benzyl alcohol              | <0.224  | U *- *1   | 2.85  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.570  | U         | 1.14  | 0.570  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Chrysene                    | <0.0964 | U         | 0.571 | 0.0964 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0849 | U         | 0.114 | 0.0849 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Di-n-butyl phthalate        | <0.659  | U         | 1.14  | 0.659  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Di-n-octyl phthalate        | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Pyridine                    | <0.835  | U *- *1   | 2.85  | 0.835  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitro-o-toluidine         | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosopiperidine         | <0.630  | U         | 1.14  | 0.630  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Diphenyl ether              | 0.667   |           | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-01

Lab Sample ID: 860-116246-1

Date Collected: 11/10/25 11:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                       | 0.178   | J         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,3,5-Trinitrobenzene               | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,3-Dinitrobenzene                  | <0.586  | U         | 1.14  | 0.586  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1,4-Naphthoquinone                  | <0.0611 | U         | 0.571 | 0.0611 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 1-Naphthylamine                     | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2,6-Dichlorophenol                  | <0.0971 | U         | 0.571 | 0.0971 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.571 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Naphthylamine                     | <0.411  | U         | 0.571 | 0.411  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Toluidine                         | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 3,3'-Dichlorobenzidine              | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U *- *1   | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 3-Methylcholanthrene                | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.71  | 1.45   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Diallate                            | <0.0298 | U *-      | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Diallate Peak 1                     | <0.0747 | U         | 0.571 | 0.0747 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Diallate Peak 2                     | <0.0298 | U         | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Dimethoate                          | <0.498  | U **      | 2.85  | 0.498  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Dinoseb                             | <0.675  | U **      | 2.85  | 0.675  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Disulfoton                          | <2.15   | U **      | 2.85  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Ethyl Parathion                     | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Hexachloropropene                   | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Isosafrole                          | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Isosafrole Peak 2                   | <0.0983 | U         | 0.571 | 0.0983 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.28  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Methyl parathion                    | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosodiethylamine               | <0.672  | U         | 1.14  | 0.672  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosomethylethylamine           | <0.700  | U         | 1.14  | 0.700  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosomorpholine                 | <0.712  | U         | 1.14  | 0.712  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Pentachloronitrobenzene             | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Phenacetin                          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Phorate                             | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| p-Phenylene diamine                 | <5.71   | U *-      | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-01

Lab Sample ID: 860-116246-1

Date Collected: 11/10/25 11:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pronamide      | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Safrole, Total | <0.0919 | U *       | 0.571 | 0.0919 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Sulfotepp      | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Thionazin      | <0.339  | U **      | 1.14  | 0.339  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 86        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 05:03 | 1       |
| p-Terphenyl-d14             | 52        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 05:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.571 | 0.159 | ug/L |   | 11/13/25 14:11 | 11/18/25 14:18 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90        |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 14:18 | 1       |
| 2-Fluorobiphenyl            | 77        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 14:18 | 1       |
| 2-Fluorophenol (Surr)       | 54        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 14:18 | 1       |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 14:18 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 14:18 | 1       |
| p-Terphenyl-d14             | 50        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 14:18 | 1       |

Client Sample ID: MW-03

Lab Sample ID: 860-116246-2

Date Collected: 11/10/25 13:10

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 07:15 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 07:15 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 07:15 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 07:15 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 07:15 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-03

Lab Sample ID: 860-116246-2

Date Collected: 11/10/25 13:10

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| 4-Methyl-2-pentanone        | <5.00     | U         | 50.0    | 5.00     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Acetone                     | <3.07     | U         | 100     | 3.07     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Acetonitrile                | <14.6     | U         | 100     | 14.6     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Acrolein                    | <11.1     | U         | 50.0    | 11.1     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/15/25 07:15 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/15/25 07:15 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/15/25 07:15 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 07:15 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 07:15 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 07:15 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 07:15 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 07:15 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 07:15 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 07:15 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 07:15 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-03

Lab Sample ID: 860-116246-2

Date Collected: 11/10/25 13:10

Matrix: Water

Date Received: 11/12/25 09:00

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/15/25 07:15 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          | 11/15/25 07:15 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 131 |          | 11/15/25 07:15 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/15/25 07:15 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                        | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene         | <0.122       | U         | 0.576 | 0.122  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,2-Dichlorobenzene            | <0.102       | U         | 0.576 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,3-Dichlorobenzene            | <0.109       | U         | 0.576 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,4-Dichlorobenzene            | <0.110       | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,2'-oxybis[1-chloropropane]   | <1.86        | U         | 2.88  | 1.86   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,4,5-Trichlorophenol          | <0.434       | U         | 0.576 | 0.434  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,4,6-Trichlorophenol          | <0.118       | U         | 0.576 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,4-Dichlorophenol             | <0.127       | U         | 0.576 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,4-Dimethylphenol             | <0.113       | U         | 0.576 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| <b>1,4-Dioxane</b>             | <b>1.00</b>  |           | 0.576 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,4-Dinitrophenol              | <1.39        | U         | 5.76  | 1.39   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,4-Dinitrotoluene             | <0.517       | U         | 1.15  | 0.517  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,6-Dinitrotoluene             | <0.275       | U         | 0.576 | 0.275  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Chloronaphthalene            | <0.119       | U         | 0.576 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Methylnaphthalene            | <0.110       | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Methylphenol                 | <0.110       | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Nitroaniline                 | <0.159       | U         | 0.576 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Nitrophenol                  | <0.138       | U         | 0.576 | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 3 & 4 Methylphenol             | <0.0951      | U         | 0.576 | 0.0951 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 3-Nitroaniline                 | <0.224       | U         | 1.15  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4,6-Dinitro-2-methylphenol     | <1.24        | U         | 2.88  | 1.24   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4-Bromophenyl phenyl ether     | <0.106       | U         | 0.576 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4-Chloro-3-methylphenol        | <0.120       | U         | 0.576 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4-Chloroaniline                | <0.0887      | U         | 0.576 | 0.0887 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4-Chlorophenyl phenyl ether    | <0.0961      | U         | 0.576 | 0.0961 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4-Nitroaniline                 | <0.273       | U         | 1.15  | 0.273  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Acenaphthene                   | <0.102       | U         | 0.576 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Acenaphthylene                 | <0.126       | U         | 0.576 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Aniline                        | <0.453       | U *       | 1.15  | 0.453  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Anthracene                     | <0.105       | U         | 0.576 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Benzo[a]anthracene             | <0.128       | U         | 0.288 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Benzo[a]pyrene                 | <0.108       | U         | 0.288 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Benzo[b]fluoranthene           | <0.125       | U         | 0.576 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Benzo[g,h,i]perylene           | <0.0910      | U         | 0.576 | 0.0910 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Benzo[k]fluoranthene           | <0.124       | U         | 0.576 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Benzyl alcohol                 | <0.226       | U * - *1  | 2.88  | 0.226  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Bis(2-chloroethoxy)methane     | <0.108       | U         | 0.576 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| <b>Bis(2-chloroethyl)ether</b> | <b>0.725</b> |           | 0.576 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Bis(2-ethylhexyl) phthalate    | <0.575       | U         | 1.15  | 0.575  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Butyl benzyl phthalate         | <0.338       | U         | 1.15  | 0.338  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Chrysene                       | <0.0972      | U         | 0.576 | 0.0972 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Dibenz(a,h)anthracene          | <0.0857      | U         | 0.115 | 0.0857 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Dibenzofuran                   | <0.113       | U         | 0.576 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-03

Lab Sample ID: 860-116246-2

Date Collected: 11/10/25 13:10

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diethyl phthalate                   | <0.188  | U         | 1.15  | 0.188  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Dimethyl phthalate                  | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Di-n-butyl phthalate                | <0.665  | U         | 1.15  | 0.665  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Di-n-octyl phthalate                | <0.288  | U         | 1.15  | 0.288  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Fluoranthene                        | <0.121  | U         | 0.576 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Fluorene                            | <0.114  | U         | 0.576 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Hexachlorobenzene                   | <0.133  | U         | 0.576 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Hexachlorobutadiene                 | <0.163  | U         | 0.576 | 0.163  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Hexachlorocyclopentadiene           | <0.181  | U         | 1.15  | 0.181  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Hexachloroethane                    | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103  | U         | 0.576 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Isophorone                          | <0.107  | U         | 0.576 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Naphthalene                         | <0.115  | U         | 0.576 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Nitrobenzene                        | <0.153  | U         | 0.576 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosodi-n-propylamine           | <0.148  | U         | 0.576 | 0.148  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosodiphenylamine              | <0.113  | U         | 0.576 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Pentachlorophenol                   | <0.314  | U         | 0.576 | 0.314  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Phenanthrene                        | <0.108  | U         | 0.576 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Phenol                              | <0.510  | U         | 1.15  | 0.510  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Pyrene                              | <0.130  | U         | 0.576 | 0.130  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Pyridine                            | <0.843  | U *- *1   | 2.88  | 0.843  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitro-o-toluidine                 | <0.656  | U         | 1.15  | 0.656  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.256  | U         | 0.576 | 0.256  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Acetophenone                        | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosopiperidine                 | <0.635  | U         | 1.15  | 0.635  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Pentachlorobenzene                  | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Diphenyl ether                      | <0.102  | U         | 0.576 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,1'-Biphenyl                       | <0.114  | U         | 0.576 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4-Aminobiphenyl                     | <0.196  | U         | 0.576 | 0.196  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.576 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,3,5-Trinitrobenzene               | <0.658  | U         | 1.15  | 0.658  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,3-Dinitrobenzene                  | <0.592  | U         | 1.15  | 0.592  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1,4-Naphthoquinone                  | <0.0617 | U         | 0.576 | 0.0617 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 1-Naphthylamine                     | <0.271  | U *-      | 0.576 | 0.271  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2,6-Dichlorophenol                  | <0.0980 | U         | 0.576 | 0.0980 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Acetylaminofluorene               | <1.72   | U         | 2.88  | 1.72   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.576 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Naphthylamine                     | <0.415  | U         | 0.576 | 0.415  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Picoline                          | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Toluidine                         | <0.427  | U         | 0.576 | 0.427  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.654  | U         | 1.15  | 0.654  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.297  | U *- *1   | 0.576 | 0.297  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 3-Methylcholanthrene                | <0.0888 | U         | 0.576 | 0.0888 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.641  | U         | 1.15  | 0.641  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.129  | U         | 0.576 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U *-      | 5.76  | 1.46   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Aramite Peak 1                      | <0.185  | U         | 0.576 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Aramite Peak 2                      | <0.204  | U         | 0.576 | 0.204  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Aramite, Total                      | <0.185  | U *-      | 0.576 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-03

Lab Sample ID: 860-116246-2

Date Collected: 11/10/25 13:10

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate                          | <0.0301 | U *-      | 0.576 | 0.0301 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Diallate Peak 1                   | <0.0753 | U         | 0.576 | 0.0753 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Diallate Peak 2                   | <0.0301 | U         | 0.576 | 0.0301 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Dimethoate                        | <0.502  | U **      | 2.88  | 0.502  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Dinoseb                           | <0.681  | U **      | 2.88  | 0.681  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Disulfoton                        | <2.17   | U **      | 2.88  | 2.17   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Ethyl methanesulfonate            | <0.187  | U         | 0.576 | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Ethyl Parathion                   | <0.630  | U **      | 1.15  | 0.630  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Famphur                           | <0.261  | U         | 1.15  | 0.261  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Hexachloropropene                 | <0.576  | U         | 0.576 | 0.576  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Isosafrole                        | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Isosafrole Peak 1                 | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Isosafrole Peak 2                 | <0.0992 | U         | 0.576 | 0.0992 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Methapyriline                     | <1.53   | U **      | 2.30  | 1.53   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Methyl methanesulfonate           | <0.187  | U         | 0.576 | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Methyl parathion                  | <2.78   | U **      | 2.88  | 2.78   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosodiethylamine             | <0.678  | U         | 1.15  | 0.678  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosodi-n-butylamine          | <0.729  | U         | 1.15  | 0.729  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosomethylethylamine         | <0.706  | U         | 1.15  | 0.706  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosomorpholine               | <0.718  | U         | 1.15  | 0.718  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.576 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.133  | U         | 0.576 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| p-Dimethylamino azobenzene        | <0.155  | U         | 0.576 | 0.155  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Pentachloronitrobenzene           | <0.255  | U         | 0.576 | 0.255  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Phenacetin                        | <0.254  | U         | 0.576 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Phorate                           | <2.63   | U **      | 5.76  | 2.63   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| p-Phenylene diamine               | <5.76   | U *-      | 5.76  | 5.76   | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Pronamide                         | <0.135  | U         | 0.576 | 0.135  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Safrole, Total                    | <0.0927 | U *-      | 0.576 | 0.0927 | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Sulfotepp                         | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Thionazin                         | <0.342  | U **      | 1.15  | 0.342  | ug/L |   | 11/13/25 14:11 | 11/15/25 05:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 80        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Fluorobiphenyl            | 68        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 05:33 | 1       |
| p-Terphenyl-d14             | 81        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 05:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.160 | U         | 0.576 | 0.160 | ug/L |   | 11/13/25 14:11 | 11/18/25 14:47 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 80        |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 14:47 | 1       |
| 2-Fluorobiphenyl            | 72        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 14:47 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 14:47 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 14:47 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 14:47 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-03

Lab Sample ID: 860-116246-2

Date Collected: 11/10/25 13:10

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 80        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 14:47 | 1       |

Client Sample ID: MW-02

Lab Sample ID: 860-116246-3

Date Collected: 11/10/25 13:58

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 07:36 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 07:36 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 07:36 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 07:36 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 07:36 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 07:36 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 07:36 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 07:36 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 07:36 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 07:36 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 07:36 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 07:36 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 07:36 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 07:36 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 07:36 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 07:36 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-02

Lab Sample ID: 860-116246-3

Date Collected: 11/10/25 13:58

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 07:36 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 07:36 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 07:36 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 07:36 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 07:36 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 07:36 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 07:36 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 07:36 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 63 - 144 |          | 11/15/25 07:36 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |          | 11/15/25 07:36 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 131 |          | 11/15/25 07:36 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/15/25 07:36 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.573 | 0.121 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.573 | 0.101 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.573 | 0.108 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U         | 0.573 | 0.110 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.87  | 1.85  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.432 | U         | 0.573 | 0.432 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.573 | 0.117 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.573 | 0.126 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.573 | 0.112 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,4-Dioxane                  | 0.257  | J         | 0.573 | 0.105 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,4-Dinitrophenol            | <1.39  | U         | 5.73  | 1.39  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,4-Dinitrotoluene           | <0.515 | U         | 1.15  | 0.515 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,6-Dinitrotoluene           | <0.274 | U         | 0.573 | 0.274 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-02

Lab Sample ID: 860-116246-3

Date Collected: 11/10/25 13:58

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chloronaphthalene         | <0.119  | U         | 0.573 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Nitroaniline              | <0.159  | U         | 0.573 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Nitrophenol               | <0.138  | U         | 0.573 | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 3 & 4 Methylphenol          | <0.0947 | U         | 0.573 | 0.0947 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 3-Nitroaniline              | <0.223  | U         | 1.15  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4-Chloroaniline             | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0957 | U         | 0.573 | 0.0957 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Acenaphthene                | <0.102  | U         | 0.573 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Aniline                     | <0.451  | U *       | 1.15  | 0.451  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Anthracene                  | <0.104  | U         | 0.573 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U         | 0.573 | 0.0906 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.573 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Benzyl alcohol              | <0.225  | U * - *1  | 2.87  | 0.225  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Bis(2-chloroethyl)ether     | 0.144   | J         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.15  | 0.337  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Chrysene                    | <0.0968 | U         | 0.573 | 0.0968 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U         | 0.115 | 0.0853 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.15  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Di-n-butyl phthalate        | <0.662  | U         | 1.15  | 0.662  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.15  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Fluoranthene                | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Fluorene                    | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.573 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.573 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Isophorone                  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Naphthalene                 | <0.115  | U         | 0.573 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.573 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.573 | 0.148  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.573 | 0.313  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Phenanthrene                | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Phenol                      | <0.508  | U         | 1.15  | 0.508  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-02

Lab Sample ID: 860-116246-3

Date Collected: 11/10/25 13:58

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pyrene                              | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Pyridine                            | <0.839  | U *- *1   | 2.87  | 0.839  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitro-o-toluidine                 | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Acetophenone                        | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitrosopiperidine                 | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Diphenyl ether                      | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,1'-Biphenyl                       | <0.114  | U         | 0.573 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,3,5-Trinitrobenzene               | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,3-Dinitrobenzene                  | <0.589  | U         | 1.15  | 0.589  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1,4-Naphthoquinone                  | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 1-Naphthylamine                     | <0.270  | U *-      | 0.573 | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2,6-Dichlorophenol                  | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Naphthylamine                     | <0.413  | U         | 0.573 | 0.413  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.15  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Toluidine                         | <0.426  | U         | 0.573 | 0.426  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U *- *1   | 0.573 | 0.296  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 3-Methylcholanthrene                | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.638  | U         | 1.15  | 0.638  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.573 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U *-      | 5.73  | 1.46   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.573 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.573 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.573 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Diallate                            | <0.0300 | U *-      | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Diallate Peak 1                     | <0.0750 | U         | 0.573 | 0.0750 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Diallate Peak 2                     | <0.0300 | U         | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Dimethoate                          | <0.500  | U **      | 2.87  | 0.500  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Dinoseb                             | <0.678  | U **      | 2.87  | 0.678  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Ethyl Parathion                     | <0.627  | U **      | 1.15  | 0.627  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Famphur                             | <0.259  | U         | 1.15  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Hexachloropropene                   | <0.573  | U         | 0.573 | 0.573  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Isosafrole Peak 2                   | <0.0988 | U         | 0.573 | 0.0988 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Methapyriline                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.87  | 2.77   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitrosodiethylamine               | <0.675  | U         | 1.15  | 0.675  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.726  | U         | 1.15  | 0.726  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitrosomethylethylamine           | <0.703  | U         | 1.15  | 0.703  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-02

Lab Sample ID: 860-116246-3

Date Collected: 11/10/25 13:58

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomorpholine               | <0.715  | U         | 1.15  | 0.715  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.133  | U         | 0.573 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| p-Dimethylamino azobenzene        | <0.155  | U         | 0.573 | 0.155  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Pentachloronitrobenzene           | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Phenacetin                        | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Phorate                           | <2.62   | U **      | 5.73  | 2.62   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| p-Phenylene diamine               | <5.73   | U *       | 5.73  | 5.73   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Pronamide                         | <0.135  | U         | 0.573 | 0.135  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Safrole, Total                    | <0.0923 | U *       | 0.573 | 0.0923 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Sulfotepp                         | <0.472  | U **      | 1.15  | 0.472  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Thionazin                         | <0.341  | U **      | 1.15  | 0.341  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 83        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Fluorobiphenyl            | 75        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 86        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 06:03 | 1       |
| p-Terphenyl-d14             | 86        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 06:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.160 | U         | 0.573 | 0.160 | ug/L |   | 11/13/25 14:11 | 11/18/25 15:17 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 83        |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 15:17 | 1       |
| 2-Fluorobiphenyl            | 77        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 15:17 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 15:17 | 1       |
| Nitrobenzene-d5 (Surr)      | 84        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 15:17 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 15:17 | 1       |
| p-Terphenyl-d14             | 80        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 15:17 | 1       |

Client Sample ID: MW-10

Lab Sample ID: 860-116246-4

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 07:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-10

Lab Sample ID: 860-116246-4

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 07:56 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 07:56 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 07:56 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 07:56 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 07:56 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 07:56 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 07:56 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/15/25 07:56 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/15/25 07:56 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/15/25 07:56 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/15/25 07:56 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/15/25 07:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-10

Lab Sample ID: 860-116246-4

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/15/25 07:56 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/15/25 07:56 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/15/25 07:56 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/15/25 07:56 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/15/25 07:56 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/15/25 07:56 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/15/25 07:56 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/15/25 07:56 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 63 - 144 |          |      |   |          | 11/15/25 07:56 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |          |      |   |          | 11/15/25 07:56 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 131 |          |      |   |          | 11/15/25 07:56 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/15/25 07:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.572 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.572 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.572 | 0.432  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.572 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.572 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.572 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.72  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,4-Dinitrotoluene           | <0.514  | U         | 1.14  | 0.514  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.572 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.572 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.572 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.572 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 3 & 4 Methylphenol           | <0.0945 | U         | 0.572 | 0.0945 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.572 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4-Chloroaniline              | <0.0882 | U         | 0.572 | 0.0882 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0955 | U         | 0.572 | 0.0955 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Aniline                      | <0.451  | U *       | 1.14  | 0.451  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Anthracene                   | <0.104  | U         | 0.572 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.572 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-10

Lab Sample ID: 860-116246-4

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[g,h,i]perylene        | <0.0904 | U         | 0.572 | 0.0904 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.572 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Benzyl alcohol              | <0.225  | U *- *1   | 2.86  | 0.225  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.572  | U         | 1.14  | 0.572  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.14  | 0.337  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Chrysene                    | <0.0967 | U         | 0.572 | 0.0967 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Dibenz(a,h)anthracene       | <0.0852 | U         | 0.114 | 0.0852 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Di-n-butyl phthalate        | <0.661  | U         | 1.14  | 0.661  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Fluoranthene                | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Fluorene                    | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.572 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Isophorone                  | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Naphthalene                 | <0.114  | U         | 0.572 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.572 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.572 | 0.148  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.572 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Phenanthrene                | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Phenol                      | <0.507  | U         | 1.14  | 0.507  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Pyrene                      | <0.129  | U         | 0.572 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Pyridine                    | <0.838  | U *- *1   | 2.86  | 0.838  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitro-o-toluidine         | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.572 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Acetophenone                | <0.139  | U         | 1.14  | 0.139  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosopiperidine         | <0.632  | U         | 1.14  | 0.632  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.572 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.572 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,3,5-Trinitrobenzene       | <0.654  | U         | 1.14  | 0.654  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,3-Dinitrobenzene          | <0.588  | U         | 1.14  | 0.588  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1,4-Naphthoquinone          | <0.0613 | U         | 0.572 | 0.0613 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 1-Naphthylamine             | <0.270  | U *-      | 0.572 | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2,6-Dichlorophenol          | <0.0974 | U         | 0.572 | 0.0974 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Chlorophenol              | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Naphthylamine             | <0.412  | U         | 0.572 | 0.412  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Picoline                  | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-10

Lab Sample ID: 860-116246-4

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Toluidine                         | <0.425  | U         | 0.572 | 0.425  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U *- *    | 0.572 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 3-Methylcholanthrene                | <0.0883 | U         | 0.572 | 0.0883 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.637  | U         | 1.14  | 0.637  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.572 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.72  | 1.45   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.572 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.572 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.572 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Diallate                            | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Diallate Peak 1                     | <0.0749 | U         | 0.572 | 0.0749 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Diallate Peak 2                     | <0.0299 | U         | 0.572 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Dimethoate                          | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Dinoseb                             | <0.677  | U **      | 2.86  | 0.677  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.86  | 2.16   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Ethyl Parathion                     | <0.626  | U **      | 1.14  | 0.626  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Famphur                             | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Hexachloropropene                   | <0.572  | U         | 0.572 | 0.572  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Isosafrole Peak 2                   | <0.0986 | U         | 0.572 | 0.0986 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.86  | 2.77   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosodiethylamine               | <0.674  | U         | 1.14  | 0.674  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosodi-n-butylamine            | <0.725  | U         | 1.14  | 0.725  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosomethylethylamine           | <0.702  | U         | 1.14  | 0.702  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosomorpholine                 | <0.714  | U         | 1.14  | 0.714  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.572 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Phenacetin                          | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Phorate                             | <2.61   | U **      | 5.72  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| p-Phenylene diamine                 | <5.72   | U *-      | 5.72  | 5.72   | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Pronamide                           | <0.134  | U         | 0.572 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Safrole, Total                      | <0.0922 | U *-      | 0.572 | 0.0922 | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Sulfotepp                           | <0.472  | U **      | 1.14  | 0.472  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Thionazin                           | <0.340  | U **      | 1.14  | 0.340  | ug/L |   | 11/13/25 14:11 | 11/15/25 06:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 81        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| 2-Fluorophenol (Surr)       | 44        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| Phenol-d5 (Surr)            | 23        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 06:33 | 1       |
| p-Terphenyl-d14             | 55        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 06:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-10

Lab Sample ID: 860-116246-4

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine      | <0.159    | U         | 0.572    | 0.159 | ug/L |   | 11/13/25 14:11 | 11/18/25 15:46 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 77        |           | 26 - 136 |       |      |   | 11/13/25 14:11 | 11/18/25 15:46 | 1       |
| 2-Fluorobiphenyl            | 74        |           | 39 - 130 |       |      |   | 11/13/25 14:11 | 11/18/25 15:46 | 1       |
| 2-Fluorophenol (Surr)       | 54        |           | 19 - 120 |       |      |   | 11/13/25 14:11 | 11/18/25 15:46 | 1       |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 |       |      |   | 11/13/25 14:11 | 11/18/25 15:46 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  |       |      |   | 11/13/25 14:11 | 11/18/25 15:46 | 1       |
| p-Terphenyl-d14             | 55        |           | 28 - 130 |       |      |   | 11/13/25 14:11 | 11/18/25 15:46 | 1       |

Client Sample ID: TB-08

Lab Sample ID: 860-116246-5

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 02:48 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:48 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 02:48 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 02:48 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:48 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 02:48 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 02:48 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 02:48 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 02:48 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 02:48 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 02:48 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 02:48 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 02:48 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 02:48 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 02:48 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 02:48 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 02:48 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 02:48 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: TB-08

Lab Sample ID: 860-116246-5

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| Chloroethane                 | <1.98     | U         | 10.0     | 1.98     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Chloroform                   | <0.464    | U         | 1.00     | 0.464    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Chloromethane                | <2.04     | U         | 10.0     | 2.04     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Chloroprene                  | <0.598    | U         | 5.00     | 0.598    | ug/L |   |          | 11/15/25 02:48 | 1       |
| cis-1,2-Dichloroethene       | <0.457    | U         | 1.00     | 0.457    | ug/L |   |          | 11/15/25 02:48 | 1       |
| cis-1,3-Dichloropropene      | <1.07     | U         | 5.00     | 1.07     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Cumene (isopropylbenzene)    | <0.592    | U         | 1.00     | 0.592    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Cyclohexane                  | <1.29     | U         | 5.00     | 1.29     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Dibromomethane               | <0.357    | U         | 1.00     | 0.357    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Dichlorodifluoromethane      | <0.785    | U         | 1.00     | 0.785    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Ethyl methacrylate           | <1.12     | U         | 5.00     | 1.12     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Ethylbenzene                 | <0.385    | U         | 1.00     | 0.385    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Hexane                       | <0.517    | U         | 5.00     | 0.517    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Iodomethane                  | <5.00     | U         | 20.0     | 5.00     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Isobutanol                   | <17.1     | U         | 50.0     | 17.1     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Methacrylonitrile            | <2.72     | U         | 10.0     | 2.72     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Methyl methacrylate          | <2.25     | U         | 10.0     | 2.25     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Methyl tert-butyl ether      | <1.39     | U         | 5.00     | 1.39     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Methylene Chloride           | <1.73     | U         | 5.00     | 1.73     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Propionitrile                | <3.34     | U         | 10.0     | 3.34     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Propylbenzene                | <0.429    | U         | 1.00     | 0.429    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Styrene                      | <0.619    | U         | 1.00     | 0.619    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Tetrachloroethene            | <0.655    | U         | 1.00     | 0.655    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Tetrahydrofuran              | <1.83     | U         | 10.0     | 1.83     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Toluene                      | <0.475    | U         | 1.00     | 0.475    | ug/L |   |          | 11/15/25 02:48 | 1       |
| trans-1,2-Dichloroethene     | <0.368    | U         | 1.00     | 0.368    | ug/L |   |          | 11/15/25 02:48 | 1       |
| trans-1,3-Dichloropropene    | <1.27     | U         | 5.00     | 1.27     | ug/L |   |          | 11/15/25 02:48 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/15/25 02:48 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/15/25 02:48 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/15/25 02:48 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/15/25 02:48 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/15/25 02:48 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          |      |   |          | 11/15/25 02:48 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 74 - 124 |          |      |   |          | 11/15/25 02:48 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 131 |          |      |   |          | 11/15/25 02:48 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/15/25 02:48 | 1       |

Client Sample ID: MW-11

Lab Sample ID: 860-116246-6

Date Collected: 11/11/25 11:48

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                   | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,1,1-Trichloroethane     | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 08:17 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-11

Lab Sample ID: 860-116246-6

Date Collected: 11/11/25 11:48

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 08:17 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 08:17 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 08:17 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 08:17 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 08:17 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 08:17 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 08:17 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 08:17 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Methacrylonitrile                     | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/15/25 08:17 | 1       |
| Methyl methacrylate                   | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/15/25 08:17 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-11

Lab Sample ID: 860-116246-6

Date Collected: 11/11/25 11:48

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 08:17 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 08:17 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 08:17 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 08:17 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 08:17 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 08:17 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 08:17 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 08:17 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 08:17 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 08:17 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 08:17 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 08:17 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 08:17 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 08:17 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 08:17 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 08:17 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 08:17 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 08:17 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 63 - 144 |          | 11/15/25 08:17 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 74 - 124 |          | 11/15/25 08:17 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 131 |          | 11/15/25 08:17 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 11/15/25 08:17 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.573 | 0.121  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.573 | 0.110  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.87  | 1.85   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.573 | 0.432  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.573 | 0.117  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.573 | 0.126  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.573 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,4-Dioxane                  | 1.64    |           | 0.573 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.73  | 1.39   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,4-Dinitrotoluene           | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,6-Dinitrotoluene           | <0.274  | U         | 0.573 | 0.274  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.573 | 0.119  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.573 | 0.159  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.573 | 0.138  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 3 & 4 Methylphenol           | <0.0947 | U         | 0.573 | 0.0947 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.15  | 0.223  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-11

Lab Sample ID: 860-116246-6

Date Collected: 11/11/25 11:48

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloroaniline             | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0957 | U         | 0.573 | 0.0957 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Acenaphthene                | <0.102  | U         | 0.573 | 0.102  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Aniline                     | <0.451  | U         | 1.15  | 0.451  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Anthracene                  | <0.104  | U         | 0.573 | 0.104  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U         | 0.573 | 0.0906 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.573 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Benzyl alcohol              | <0.225  | U         | 2.87  | 0.225  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.15  | 0.337  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Chrysene                    | <0.0968 | U         | 0.573 | 0.0968 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U         | 0.115 | 0.0853 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.15  | 0.187  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Di-n-butyl phthalate        | <0.662  | U         | 1.15  | 0.662  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.15  | 0.286  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Fluoranthene                | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Fluorene                    | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.573 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.573 | 0.162  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Isophorone                  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Naphthalene                 | <0.115  | U         | 0.573 | 0.115  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.573 | 0.153  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.573 | 0.148  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.573 | 0.313  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Phenanthrene                | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Phenol                      | <0.508  | U         | 1.15  | 0.508  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Pyrene                      | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Pyridine                    | <0.839  | U         | 2.87  | 0.839  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitro-o-toluidine         | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Acetophenone                | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosopiperidine         | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,1'-Biphenyl               | <0.114  | U         | 0.573 | 0.114  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-11

Lab Sample ID: 860-116246-6

Date Collected: 11/11/25 11:48

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene        | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,3,5-Trinitrobenzene             | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,3-Dinitrobenzene                | <0.589  | U         | 1.15  | 0.589  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1,4-Naphthoquinone                | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 1-Naphthylamine                   | <0.270  | U         | 0.573 | 0.270  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2,6-Dichlorophenol                | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Acetylaminofluorene             | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Chlorophenol                    | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Naphthylamine                   | <0.413  | U         | 0.573 | 0.413  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Picoline                        | <1.03   | U         | 1.15  | 1.03   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Toluidine                       | <0.426  | U         | 0.573 | 0.426  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 3,3'-Dichlorobenzidine            | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 3,3'-Dimethylbenzidine            | <0.296  | U         | 0.573 | 0.296  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 3-Methylcholanthrene              | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.638  | U         | 1.15  | 0.638  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.128  | U         | 0.573 | 0.128  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Aramite Peak 1                    | <0.184  | U         | 0.573 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Aramite Peak 2                    | <0.203  | U         | 0.573 | 0.203  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Aramite, Total                    | <0.184  | U *       | 0.573 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Diallate                          | <0.0300 | U         | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Diallate Peak 1                   | <0.0750 | U         | 0.573 | 0.0750 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Diallate Peak 2                   | <0.0300 | U         | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Dimethoate                        | <0.500  | U **      | 2.87  | 0.500  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Dinoseb                           | <0.678  | U         | 2.87  | 0.678  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Disulfoton                        | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Ethyl methanesulfonate            | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Ethyl Parathion                   | <0.627  | U **      | 1.15  | 0.627  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Famphur                           | <0.259  | U         | 1.15  | 0.259  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Hexachloropropene                 | <0.573  | U         | 0.573 | 0.573  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Isosafrole                        | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Isosafrole Peak 1                 | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Isosafrole Peak 2                 | <0.0988 | U         | 0.573 | 0.0988 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Methapyriline                     | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Methyl methanesulfonate           | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Methyl parathion                  | <2.77   | U **      | 2.87  | 2.77   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosodiethylamine             | <0.675  | U         | 1.15  | 0.675  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosodimethylamine            | <0.160  | U         | 0.573 | 0.160  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosodi-n-butylamine          | <0.726  | U         | 1.15  | 0.726  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosomethylethylamine         | <0.703  | U         | 1.15  | 0.703  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosomorpholine               | <0.715  | U         | 1.15  | 0.715  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.133  | U         | 0.573 | 0.133  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| p-Dimethylamino azobenzene        | <0.155  | U         | 0.573 | 0.155  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Pentachloronitrobenzene           | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Phenacetin                        | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Phorate                           | <2.62   | U **      | 5.73  | 2.62   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| p-Phenylene diamine               | <5.73   | U         | 5.73  | 5.73   | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Pronamide                         | <0.135  | U         | 0.573 | 0.135  | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Safrole, Total                    | <0.0923 | U *       | 0.573 | 0.0923 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-11

Lab Sample ID: 860-116246-6

Date Collected: 11/11/25 11:48

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Sulfotepp                   | <0.472    | U **      | 1.15     | 0.472 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Thionazin                   | <0.341    | U         | 1.15     | 0.341 | ug/L |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 |       |      |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Fluorobiphenyl            | 65        |           | 39 - 130 |       |      |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| 2-Fluorophenol (Surr)       | 33        |           | 19 - 120 |       |      |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 |       |      |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| Phenol-d5 (Surr)            | 19        |           | 8 - 124  |       |      |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |
| p-Terphenyl-d14             | 63        |           | 28 - 130 |       |      |   | 11/13/25 14:15 | 11/15/25 00:57 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.46     | U *-      | 5.73     | 1.46 | ug/L |   | 11/13/25 14:15 | 11/18/25 17:12 | 1       |
| Surrogate                           | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 60        |           | 26 - 136 |      |      |   | 11/13/25 14:15 | 11/18/25 17:12 | 1       |
| 2-Fluorobiphenyl                    | 59        |           | 39 - 130 |      |      |   | 11/13/25 14:15 | 11/18/25 17:12 | 1       |
| 2-Fluorophenol (Surr)               | 33        |           | 19 - 120 |      |      |   | 11/13/25 14:15 | 11/18/25 17:12 | 1       |
| Nitrobenzene-d5 (Surr)              | 67        |           | 32 - 133 |      |      |   | 11/13/25 14:15 | 11/18/25 17:12 | 1       |
| Phenol-d5 (Surr)                    | 11        |           | 8 - 124  |      |      |   | 11/13/25 14:15 | 11/18/25 17:12 | 1       |
| p-Terphenyl-d14                     | 59        |           | 28 - 130 |      |      |   | 11/13/25 14:15 | 11/18/25 17:12 | 1       |

Client Sample ID: MW-05

Lab Sample ID: 860-116246-7

Date Collected: 11/11/25 14:57

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,1,1,1-Trichloroethane               | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,1,1,2,2-Tetrachloroethane           | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 08:37 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 08:37 | 1       |
| 2-Propanol                            | 13.9   |           | 10.0 | 5.23  | ug/L |   |          | 11/15/25 08:37 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 08:37 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 08:37 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 08:37 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-05

Lab Sample ID: 860-116246-7

Date Collected: 11/11/25 14:57

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Acrolein                    | <11.1     | U         | 50.0    | 11.1     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/15/25 08:37 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Chlorobenzene               | 1.31      |           | 1.00    | 0.455    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/15/25 08:37 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/15/25 08:37 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Tetrahydrofuran             | 3.24      | J         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 08:37 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 08:37 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 08:37 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 08:37 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 08:37 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 08:37 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 08:37 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 08:37 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/15/25 08:37 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          | 11/15/25 08:37 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-05

Lab Sample ID: 860-116246-7

Date Collected: 11/11/25 14:57

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 110       |           | 75 - 131 |          | 11/15/25 08:37 | 1       |
| Toluene-d8 (Surr)           | 101       |           | 80 - 120 |          | 11/15/25 08:37 | 1       |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

| Analyte | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Acetone | 22.6   | J         | 100 | 3.07 | ug/L |   |          | 11/17/25 17:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 63 - 144 |          | 11/17/25 17:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 74 - 124 |          | 11/17/25 17:43 | 1       |
| Dibromofluoromethane (Surr)  | 125       |           | 75 - 131 |          | 11/17/25 17:43 | 1       |
| Toluene-d8 (Surr)            | 107       |           | 80 - 120 |          | 11/17/25 17:43 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.567 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.567 | 0.100  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.567 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,4,5-Trichlorophenol        | <0.428  | U         | 0.567 | 0.428  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.567 | 0.116  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.567 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.567 | 0.111  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.67  | 1.37   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,4-Dinitrotoluene           | <0.509  | U         | 1.13  | 0.509  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.567 | 0.271  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.567 | 0.117  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.567 | 0.157  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.567 | 0.136  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 3 & 4 Methylphenol           | <0.0937 | U         | 0.567 | 0.0937 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.13  | 0.221  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.567 | 0.118  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4-Chloroaniline              | <0.0875 | U         | 0.567 | 0.0875 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0947 | U         | 0.567 | 0.0947 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4-Nitroaniline               | <0.269  | U         | 1.13  | 0.269  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Acenaphthene                 | 0.436   | J         | 0.567 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Aniline                      | <0.447  | U         | 1.13  | 0.447  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Anthracene                   | <0.103  | U         | 0.567 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Benzo[a]pyrene               | <0.106  | U         | 0.284 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Benzo[b]fluoranthene         | <0.123  | U         | 0.567 | 0.123  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Benzo[g,h,i]perylene         | <0.0897 | U         | 0.567 | 0.0897 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Benzo[k]fluoranthene         | <0.122  | U         | 0.567 | 0.122  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Benzyl alcohol               | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-05

Lab Sample ID: 860-116246-7

Date Collected: 11/11/25 14:57

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.567  | U         | 1.13  | 0.567  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.13  | 0.334  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Chrysene                    | <0.0958 | U         | 0.567 | 0.0958 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Dibenz(a,h)anthracene       | <0.0845 | U         | 0.113 | 0.0845 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Dibenzofuran                | <0.111  | U         | 0.567 | 0.111  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.13  | 0.186  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.13  | 0.133  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.13  | 0.656  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.13  | 0.284  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Fluoranthene                | <0.119  | U         | 0.567 | 0.119  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Fluorene                    | 0.141   | J         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.567 | 0.161  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.13  | 0.178  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Isophorone                  | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Naphthalene                 | <0.113  | U         | 0.567 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.567 | 0.151  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.567 | 0.146  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.567 | 0.310  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Phenanthrene                | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Phenol                      | <0.503  | U         | 1.13  | 0.503  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Pyrene                      | <0.128  | U         | 0.567 | 0.128  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Pyridine                    | <0.831  | U         | 2.84  | 0.831  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitro-o-toluidine         | <0.647  | U         | 1.13  | 0.647  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.567 | 0.252  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Acetophenone                | <0.137  | U         | 1.13  | 0.137  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosopiperidine         | <0.626  | U         | 1.13  | 0.626  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Diphenyl ether              | 1.24    |           | 0.567 | 0.100  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,1'-Biphenyl               | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4-Aminobiphenyl             | <0.193  | U         | 0.567 | 0.193  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.114  | U         | 0.567 | 0.114  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,3,5-Trinitrobenzene       | <0.648  | U         | 1.13  | 0.648  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,3-Dinitrobenzene          | <0.583  | U         | 1.13  | 0.583  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1,4-Naphthoquinone          | <0.0608 | U         | 0.567 | 0.0608 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 1-Naphthylamine             | <0.267  | U         | 0.567 | 0.267  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2,6-Dichlorophenol          | <0.0966 | U         | 0.567 | 0.0966 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Acetylaminofluorene       | <1.69   | U         | 2.84  | 1.69   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Chlorophenol              | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Naphthylamine             | <0.409  | U         | 0.567 | 0.409  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Picoline                  | <1.02   | U         | 1.13  | 1.02   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Toluidine                 | <0.421  | U         | 0.567 | 0.421  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 3,3'-Dichlorobenzidine      | <0.645  | U         | 1.13  | 0.645  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 3,3'-Dimethylbenzidine      | <0.293  | U         | 0.567 | 0.293  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-05

Lab Sample ID: 860-116246-7

Date Collected: 11/11/25 14:57

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                                 | Result      | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 3-Methylcholanthrene                    | <0.0875     | U         | 0.567 | 0.0875 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 4-Nitroquinoline-1-oxide                | <0.632      | U         | 1.13  | 0.632  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 7,12-Dimethylbenz(a)anthracene          | <0.127      | U         | 0.567 | 0.127  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Aramite Peak 1                          | <0.183      | U         | 0.567 | 0.183  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Aramite Peak 2                          | <0.201      | U         | 0.567 | 0.201  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Aramite, Total                          | <0.183      | U *       | 0.567 | 0.183  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Diallate                                | <0.0297     | U         | 0.567 | 0.0297 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Diallate Peak 1                         | <0.0742     | U         | 0.567 | 0.0742 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Diallate Peak 2                         | <0.0297     | U         | 0.567 | 0.0297 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Dimethoate                              | <0.495      | U **      | 2.84  | 0.495  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Dinoseb                                 | <0.671      | U         | 2.84  | 0.671  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Disulfoton                              | <2.14       | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Ethyl methanesulfonate                  | <0.184      | U         | 0.567 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Ethyl Parathion                         | <0.621      | U **      | 1.13  | 0.621  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Famphur                                 | <0.257      | U         | 1.13  | 0.257  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Hexachloropropene                       | <0.567      | U         | 0.567 | 0.567  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Isosafrole                              | <0.0229     | U         | 0.567 | 0.0229 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Isosafrole Peak 1                       | <0.0229     | U         | 0.567 | 0.0229 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Isosafrole Peak 2                       | <0.0978     | U         | 0.567 | 0.0978 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Methapyrilene                           | <1.51       | U         | 2.27  | 1.51   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Methyl methanesulfonate                 | <0.185      | U         | 0.567 | 0.185  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Methyl parathion                        | <2.74       | U **      | 2.84  | 2.74   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosodiethylamine                   | <0.668      | U         | 1.13  | 0.668  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosodimethylamine                  | <0.158      | U         | 0.567 | 0.158  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosodi-n-butylamine                | <0.718      | U         | 1.13  | 0.718  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosomethylethylamine               | <0.696      | U         | 1.13  | 0.696  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosomorpholine                     | <0.708      | U         | 1.13  | 0.708  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| N-Nitrosopyrrolidine                    | <0.108      | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| <b>o,o',o"-Triethylphosphorothioate</b> | <b>6.81</b> |           | 0.567 | 0.131  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| p-Dimethylamino azobenzene              | <0.153      | U         | 0.567 | 0.153  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Pentachloronitrobenzene                 | <0.251      | U         | 0.567 | 0.251  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Phenacetin                              | <0.251      | U         | 0.567 | 0.251  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Phorate                                 | <2.59       | U **      | 5.67  | 2.59   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| p-Phenylene diamine                     | <5.67       | U         | 5.67  | 5.67   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Pronamide                               | <0.133      | U         | 0.567 | 0.133  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Safrole, Total                          | <0.0914     | U *       | 0.567 | 0.0914 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Sulfotepp                               | <0.468      | U **      | 1.13  | 0.468  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Thionazin                               | <0.337      | U         | 1.13  | 0.337  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:25 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Fluorobiphenyl            | 57        |           | 39 - 130 | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| 2-Fluorophenol (Surr)       | 29        |           | 19 - 120 | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| Phenol-d5 (Surr)            | 15        |           | 8 - 124  | 11/13/25 14:15 | 11/15/25 01:25 | 1       |
| p-Terphenyl-d14             | 51        |           | 28 - 130 | 11/13/25 14:15 | 11/15/25 01:25 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane | 288    |           | 11.3 | 2.08 | ug/L |   | 11/13/25 14:15 | 11/18/25 18:08 | 20      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

**Client Sample ID: MW-05**

**Lab Sample ID: 860-116246-7**

**Date Collected: 11/11/25 14:57**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 176       | S1+       | 26 - 136 | 11/13/25 14:15 | 11/18/25 18:08 | 20      |
| 2-Fluorobiphenyl            | 139       | S1+       | 39 - 130 | 11/13/25 14:15 | 11/18/25 18:08 | 20      |
| 2-Fluorophenol (Surr)       | 82        |           | 19 - 120 | 11/13/25 14:15 | 11/18/25 18:08 | 20      |
| Nitrobenzene-d5 (Surr)      | 187       | S1+       | 32 - 133 | 11/13/25 14:15 | 11/18/25 18:08 | 20      |
| Phenol-d5 (Surr)            | 43        | I         | 8 - 124  | 11/13/25 14:15 | 11/18/25 18:08 | 20      |
| p-Terphenyl-d14             | 139       | S1+       | 28 - 130 | 11/13/25 14:15 | 11/18/25 18:08 | 20      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.44  | U *       | 5.67 | 1.44 | ug/L |   | 11/13/25 14:15 | 11/18/25 17:40 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 | 11/13/25 14:15 | 11/18/25 17:40 | 1       |
| 2-Fluorobiphenyl            | 50        |           | 39 - 130 | 11/13/25 14:15 | 11/18/25 17:40 | 1       |
| 2-Fluorophenol (Surr)       | 26        |           | 19 - 120 | 11/13/25 14:15 | 11/18/25 17:40 | 1       |
| Nitrobenzene-d5 (Surr)      | 64        |           | 32 - 133 | 11/13/25 14:15 | 11/18/25 17:40 | 1       |
| Phenol-d5 (Surr)            | 13        |           | 8 - 124  | 11/13/25 14:15 | 11/18/25 17:40 | 1       |
| p-Terphenyl-d14             | 49        |           | 28 - 130 | 11/13/25 14:15 | 11/18/25 17:40 | 1       |

**Client Sample ID: MW-12**

**Lab Sample ID: 860-116246-8**

**Date Collected: 11/11/25 15:20**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 08:58 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 08:58 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 08:58 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 08:58 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 08:58 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 08:58 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 08:58 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 08:58 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 08:58 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 08:58 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-12

Lab Sample ID: 860-116246-8

Date Collected: 11/11/25 15:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/15/25 08:58 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/15/25 08:58 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 08:58 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 08:58 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 08:58 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 08:58 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 08:58 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 08:58 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 08:58 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 08:58 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 63 - 144 |          | 11/15/25 08:58 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 74 - 124 |          | 11/15/25 08:58 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 131 |          | 11/15/25 08:58 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/15/25 08:58 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-12

Lab Sample ID: 860-116246-8

Date Collected: 11/11/25 15:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.570 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.570 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.570 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.85  | 1.84   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.570 | 0.430  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.570 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.570 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.70  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,6-Dinitrotoluene           | <0.272  | U         | 0.570 | 0.272  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.570 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.570 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.570 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 3 & 4 Methylphenol           | <0.0941 | U         | 0.570 | 0.0941 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.570 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.570 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4-Chloroaniline              | <0.0879 | U         | 0.570 | 0.0879 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0951 | U         | 0.570 | 0.0951 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.570 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Aniline                      | <0.449  | U *-      | 1.14  | 0.449  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Anthracene                   | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.285 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.570 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Benzo[g,h,i]perylene         | <0.0901 | U         | 0.570 | 0.0901 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.570 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Benzyl alcohol               | <0.224  | U *- *1   | 2.85  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.570 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Butyl benzyl phthalate       | <0.335  | U         | 1.14  | 0.335  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Chrysene                     | <0.0963 | U         | 0.570 | 0.0963 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Dibenz(a,h)anthracene        | <0.0848 | U         | 0.114 | 0.0848 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Dibenzofuran                 | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Diethyl phthalate            | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Dimethyl phthalate           | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Di-n-butyl phthalate         | <0.658  | U         | 1.14  | 0.658  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Di-n-octyl phthalate         | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Fluoranthene                 | <0.120  | U         | 0.570 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Fluorene                     | <0.113  | U         | 0.570 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-12

Lab Sample ID: 860-116246-8

Date Collected: 11/11/25 15:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorobenzene                   | <0.132       | U         | 0.570 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Hexachlorobutadiene                 | <0.161       | U         | 0.570 | 0.161  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Hexachlorocyclopentadiene           | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Hexachloroethane                    | <0.125       | U         | 0.570 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102       | U         | 0.570 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Isophorone                          | <0.106       | U         | 0.570 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Naphthalene                         | <0.114       | U         | 0.570 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Nitrobenzene                        | <0.152       | U         | 0.570 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147       | U         | 0.570 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosodiphenylamine              | <0.112       | U         | 0.570 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Pentachlorophenol                   | <0.311       | U         | 0.570 | 0.311  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Phenanthrene                        | <0.106       | U         | 0.570 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Phenol                              | <0.505       | U         | 1.14  | 0.505  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Pyrene                              | <0.129       | U         | 0.570 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Pyridine                            | <0.834       | U *- *1   | 2.85  | 0.834  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitro-o-toluidine                 | <0.650       | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.253       | U         | 0.570 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Acetophenone                        | <0.138       | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosopiperidine                 | <0.629       | U         | 1.14  | 0.629  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Pentachlorobenzene                  | <0.125       | U         | 0.570 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| <b>Diphenyl ether</b>               | <b>0.367</b> | <b>J</b>  | 0.570 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,1'-Biphenyl                       | <0.113       | U         | 0.570 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4-Aminobiphenyl                     | <0.194       | U         | 0.570 | 0.194  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115       | U         | 0.570 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,3,5-Trinitrobenzene               | <0.651       | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,3-Dinitrobenzene                  | <0.586       | U         | 1.14  | 0.586  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1,4-Naphthoquinone                  | <0.0610      | U         | 0.570 | 0.0610 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 1-Naphthylamine                     | <0.269       | U *-      | 0.570 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2,6-Dichlorophenol                  | <0.0970      | U         | 0.570 | 0.0970 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Acetylaminofluorene               | <1.70        | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Chlorophenol                      | <0.102       | U         | 0.570 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Naphthylamine                     | <0.411       | U         | 0.570 | 0.411  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Picoline                          | <1.03        | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Toluidine                         | <0.423       | U         | 0.570 | 0.423  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.648       | U         | 1.14  | 0.648  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294       | U *- *1   | 0.570 | 0.294  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 3-Methylcholanthrene                | <0.0879      | U         | 0.570 | 0.0879 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635       | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127       | U         | 0.570 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45        | U *-      | 5.70  | 1.45   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Aramite Peak 1                      | <0.183       | U         | 0.570 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Aramite Peak 2                      | <0.202       | U         | 0.570 | 0.202  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Aramite, Total                      | <0.183       | U *-      | 0.570 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Diallate                            | <0.0298      | U *-      | 0.570 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Diallate Peak 1                     | <0.0745      | U         | 0.570 | 0.0745 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Diallate Peak 2                     | <0.0298      | U         | 0.570 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Dimethoate                          | <0.497       | U **      | 2.85  | 0.497  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Dinoseb                             | <0.674       | U **      | 2.85  | 0.674  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Disulfoton                          | <2.15        | U **      | 2.85  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: MW-12

Lab Sample ID: 860-116246-8

Date Collected: 11/11/25 15:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Ethyl methanesulfonate            | <0.185  | U         | 0.570 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Ethyl Parathion                   | <0.624  | U **      | 1.14  | 0.624  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Famphur                           | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Hexachloropropene                 | <0.570  | U         | 0.570 | 0.570  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Isosafrole                        | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Isosafrole Peak 1                 | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Isosafrole Peak 2                 | <0.0982 | U         | 0.570 | 0.0982 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Methapyriline                     | <1.51   | U **      | 2.28  | 1.51   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Methyl methanesulfonate           | <0.185  | U         | 0.570 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Methyl parathion                  | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosodiethylamine             | <0.671  | U         | 1.14  | 0.671  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosodi-n-butylamine          | <0.722  | U         | 1.14  | 0.722  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosomethylethylamine         | <0.699  | U         | 1.14  | 0.699  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosomorpholine               | <0.711  | U         | 1.14  | 0.711  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| N-Nitrosopyrrolidine              | <0.108  | U         | 0.570 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132  | U         | 0.570 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| p-Dimethylamino azobenzene        | <0.154  | U         | 0.570 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Pentachloronitrobenzene           | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Phenacetin                        | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Phorate                           | <2.60   | U **      | 5.70  | 2.60   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| p-Phenylene diamine               | <5.70   | U *       | 5.70  | 5.70   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Pronamide                         | <0.134  | U         | 0.570 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Safrole, Total                    | <0.0918 | U *       | 0.570 | 0.0918 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Sulfotepp                         | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Thionazin                         | <0.339  | U **      | 1.14  | 0.339  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 83        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Fluorobiphenyl            | 70        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 76        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| Phenol-d5 (Surr)            | 21        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 11:33 | 1       |
| p-Terphenyl-d14             | 72        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 11:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.570 | 0.159 | ug/L |   | 11/13/25 14:11 | 11/19/25 01:05 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 73        |           | 26 - 136 | 11/13/25 14:11 | 11/19/25 01:05 | 1       |
| 2-Fluorobiphenyl            | 72        |           | 39 - 130 | 11/13/25 14:11 | 11/19/25 01:05 | 1       |
| 2-Fluorophenol (Surr)       | 49        |           | 19 - 120 | 11/13/25 14:11 | 11/19/25 01:05 | 1       |
| Nitrobenzene-d5 (Surr)      | 77        |           | 32 - 133 | 11/13/25 14:11 | 11/19/25 01:05 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 14:11 | 11/19/25 01:05 | 1       |
| p-Terphenyl-d14             | 67        |           | 28 - 130 | 11/13/25 14:11 | 11/19/25 01:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: FB-01

Lab Sample ID: 860-116246-9

Date Collected: 11/11/25 15:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 02:28 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:28 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 02:28 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 02:28 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 02:28 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 02:28 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 02:28 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 02:28 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 02:28 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 02:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

Client Sample ID: FB-01

Lab Sample ID: 860-116246-9

Date Collected: 11/11/25 15:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile            | <2.72     | U         | 10.0     | 2.72     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Methyl methacrylate          | <2.25     | U         | 10.0     | 2.25     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Methyl tert-butyl ether      | <1.39     | U         | 5.00     | 1.39     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Methylene Chloride           | <1.73     | U         | 5.00     | 1.73     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Propionitrile                | <3.34     | U         | 10.0     | 3.34     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Propylbenzene                | <0.429    | U         | 1.00     | 0.429    | ug/L |   |          | 11/15/25 02:28 | 1       |
| Styrene                      | <0.619    | U         | 1.00     | 0.619    | ug/L |   |          | 11/15/25 02:28 | 1       |
| Tetrachloroethene            | <0.655    | U         | 1.00     | 0.655    | ug/L |   |          | 11/15/25 02:28 | 1       |
| Tetrahydrofuran              | <1.83     | U         | 10.0     | 1.83     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Toluene                      | <0.475    | U         | 1.00     | 0.475    | ug/L |   |          | 11/15/25 02:28 | 1       |
| trans-1,2-Dichloroethene     | <0.368    | U         | 1.00     | 0.368    | ug/L |   |          | 11/15/25 02:28 | 1       |
| trans-1,3-Dichloropropene    | <1.27     | U         | 5.00     | 1.27     | ug/L |   |          | 11/15/25 02:28 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/15/25 02:28 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/15/25 02:28 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/15/25 02:28 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/15/25 02:28 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/15/25 02:28 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/15/25 02:28 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 63 - 144 |          |      |   |          | 11/15/25 02:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          |      |   |          | 11/15/25 02:28 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 131 |          |      |   |          | 11/15/25 02:28 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/15/25 02:28 | 1       |

# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                                    |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-115835-A-8 MS - DL             | Matrix Spike           | 80                                             | 91              | 117              | 104             |
| 860-116246-1                       | MW-01                  | 112                                            | 95              | 111              | 102             |
| 860-116246-2                       | MW-03                  | 112                                            | 93              | 109              | 100             |
| 860-116246-3                       | MW-02                  | 113                                            | 96              | 107              | 103             |
| 860-116246-4                       | MW-10                  | 110                                            | 96              | 109              | 101             |
| 860-116246-5                       | TB-08                  | 112                                            | 97              | 107              | 101             |
| 860-116246-6                       | MW-11                  | 113                                            | 97              | 110              | 99              |
| 860-116246-7                       | MW-05                  | 112                                            | 94              | 110              | 101             |
| 860-116246-7 - RA                  | MW-05                  | 84                                             | 89              | 125              | 107             |
| 860-116246-8                       | MW-12                  | 115                                            | 97              | 110              | 103             |
| 860-116246-9                       | FB-01                  | 109                                            | 93              | 106              | 101             |
| 870-41517-B-1 MS                   | Matrix Spike           | 101                                            | 94              | 103              | 102             |
| 870-41517-C-1 MSD                  | Matrix Spike Duplicate | 103                                            | 93              | 101              | 101             |
| LCS 860-276045/31                  | Lab Control Sample     | 101                                            | 92              | 103              | 101             |
| LCS 860-276330/3                   | Lab Control Sample     | 80                                             | 91              | 120              | 103             |
| LCSD 860-276045/32                 | Lab Control Sample Dup | 101                                            | 92              | 101              | 101             |
| LCSD 860-276330/4                  | Lab Control Sample Dup | 84                                             | 91              | 122              | 102             |
| MB 860-276045/10                   | Method Blank           | 111                                            | 97              | 107              | 100             |
| MB 860-276330/7                    | Method Blank           | 89                                             | 87              | 128              | 104             |
| <b>Surrogate Legend</b>            |                        |                                                |                 |                  |                 |
| DCA = 1,2-Dichloroethane-d4 (Surr) |                        |                                                |                 |                  |                 |
| BFB = 4-Bromofluorobenzene (Surr)  |                        |                                                |                 |                  |                 |
| DBFM = Dibromofluoromethane (Surr) |                        |                                                |                 |                  |                 |
| TOL = Toluene-d8 (Surr)            |                        |                                                |                 |                  |                 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID            | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|--------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                          |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116246-1             | MW-01                  | 86                                             | 69              | 45              | 85              | 25             | 52                 |
| 860-116246-1 - RA        | MW-01                  | 90                                             | 77              | 54              | 89              | 27             | 50                 |
| 860-116246-2             | MW-03                  | 80                                             | 68              | 42              | 75              | 20             | 81                 |
| 860-116246-2 - RA        | MW-03                  | 80                                             | 72              | 48              | 78              | 24             | 80                 |
| 860-116246-3             | MW-02                  | 83                                             | 75              | 40              | 86              | 20             | 86                 |
| 860-116246-3 - RA        | MW-02                  | 83                                             | 77              | 48              | 84              | 24             | 80                 |
| 860-116246-4             | MW-10                  | 81                                             | 71              | 44              | 78              | 23             | 55                 |
| 860-116246-4 - RA        | MW-10                  | 77                                             | 74              | 54              | 80              | 27             | 55                 |
| 860-116246-6             | MW-11                  | 68                                             | 65              | 33              | 74              | 19             | 63                 |
| 860-116246-6 - RA        | MW-11                  | 60                                             | 59              | 33              | 67              | 11             | 59                 |
| 860-116246-7             | MW-05                  | 68                                             | 57              | 29              | 67              | 15             | 51                 |
| 860-116246-7 - RA        | MW-05                  | 68                                             | 50              | 26              | 64              | 13             | 49                 |
| 860-116246-7 - DL        | MW-05                  | 176 S1+                                        | 139 S1+         | 82              | 187 S1+         | 43 I           | 139 S1+            |
| 860-116246-8             | MW-12                  | 83                                             | 70              | 42              | 76              | 21             | 72                 |
| 860-116246-8 - RA        | MW-12                  | 73                                             | 72              | 49              | 77              | 26             | 67                 |
| 860-116304-G-5-A MS      | Matrix Spike           | 150 S1+                                        | 105             | 54              | 136 S1+         | 33             | 116                |
| 860-116304-G-5-A MS - RA | Matrix Spike           | 135                                            | 106             | 66              | 131             | 38             | 108                |
| 860-116304-G-5-B MSD     | Matrix Spike Duplicate | 140 S1+                                        | 96              | 53              | 124             | 32             | 106                |

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# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID             | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|---------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                           |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116304-G-5-B MSD - RA | Matrix Spike Duplicate | 124                                            | 100             | 63              | 123             | 37             | 104                |
| LCS 860-275662/2-A        | Lab Control Sample     | 68                                             | 74              | 73              | 75              | 72             | 74                 |
| LCS 860-275662/2-A        | Lab Control Sample     | 69                                             | 68              | 74              | 67              | 61             | 70                 |
| LCS 860-275662/4-A        | Lab Control Sample     | 72                                             | 78              | 73              | 78              | 68             | 70                 |
| LCS 860-275664/2-A        | Lab Control Sample     | 60                                             | 59              | 59              | 59              | 59             | 59                 |
| LCS 860-275664/2-A - RA   | Lab Control Sample     | 56                                             | 54              | 59              | 62              | 49             | 58                 |
| LCS 860-275664/4-A        | Lab Control Sample     | 59                                             | 62              | 60              | 64              | 58             | 59                 |
| LCSD 860-275662/3-A       | Lab Control Sample Dup | 70                                             | 78              | 71              | 77              | 70             | 72                 |
| LCSD 860-275662/5-A       | Lab Control Sample Dup | 75                                             | 81              | 78              | 80              | 73             | 75                 |
| LCSD 860-275664/3-A       | Lab Control Sample Dup | 65                                             | 62              | 63              | 63              | 63             | 60                 |
| LCSD 860-275664/3-A - RA  | Lab Control Sample Dup | 55                                             | 56              | 58              | 63              | 47             | 56                 |
| LCSD 860-275664/5-A       | Lab Control Sample Dup | 52                                             | 58              | 57              | 63              | 55             | 55                 |
| MB 860-275662/1-A         | Method Blank           | 59                                             | 72              | 74              | 74              | 69             | 73                 |
| MB 860-275662/1-A         | Method Blank           | 59                                             | 64              | 73              | 61              | 57             | 66                 |
| MB 860-275664/1-A         | Method Blank           | 56                                             | 59              | 63              | 60              | 60             | 62                 |
| MB 860-275664/1-A - RA    | Method Blank           | 49                                             | 55              | 63              | 56              | 50             | 56                 |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |     |     |     |     |        |
|---------------------|------------------------|------------------------------------------------|-----|-----|-----|-----|--------|
|                     |                        | TBP                                            | FBP | 2FP | NBZ | PHL | TPHd14 |
| LCSD 860-275662/3-A | Lab Control Sample Dup |                                                |     |     |     |     |        |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14



# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-276045/10

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/15/25 02:07 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:07 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/15/25 02:07 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/15/25 02:07 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/15/25 02:07 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/15/25 02:07 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/15/25 02:07 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/15/25 02:07 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/15/25 02:07 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/15/25 02:07 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276045/10

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/15/25 02:07 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/15/25 02:07 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/15/25 02:07 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/15/25 02:07 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/15/25 02:07 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/15/25 02:07 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/15/25 02:07 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/15/25 02:07 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/15/25 02:07 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/15/25 02:07 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 02:07 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 02:07 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111          |              | 63 - 144 |          | 11/15/25 02:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97           |              | 74 - 124 |          | 11/15/25 02:07 | 1       |
| Dibromofluoromethane (Surr)  | 107          |              | 75 - 131 |          | 11/15/25 02:07 | 1       |
| Toluene-d8 (Surr)            | 100          |              | 80 - 120 |          | 11/15/25 02:07 | 1       |

Lab Sample ID: LCS 860-276045/31

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 48.19      |               | ug/L |   | 96   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 51.79      |               | ug/L |   | 104  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.82      |               | ug/L |   | 92   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 53.52      |               | ug/L |   | 107  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 48.69      |               | ug/L |   | 97   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 62.45      |               | ug/L |   | 125  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 53.90      |               | ug/L |   | 108  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 44.33      |               | ug/L |   | 89   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 47.86      |               | ug/L |   | 96   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 34.96      |               | ug/L |   | 70   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 46.47      |               | ug/L |   | 93   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 53.55      |               | ug/L |   | 107  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 53.36      |               | ug/L |   | 107  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 48.15      |               | ug/L |   | 96   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 51.80      |               | ug/L |   | 104  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276045/31

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 52.78      |               | ug/L |   | 106  | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 246.7      |               | ug/L |   | 99   | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 246.8      |               | ug/L |   | 99   | 60 - 140    |
| 2-Propanol                       | 500         | 599.6      |               | ug/L |   | 120  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 57.64      |               | ug/L |   | 115  | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 250.0      |               | ug/L |   | 100  | 60 - 140    |
| Acetone                          | 250         | 295.2      |               | ug/L |   | 118  | 60 - 140    |
| Acetonitrile                     | 500         | 616.4      |               | ug/L |   | 123  | 60 - 140    |
| Acrolein                         | 250         | 254.0      |               | ug/L |   | 102  | 60 - 140    |
| Acrylonitrile                    | 500         | 597.6      |               | ug/L |   | 120  | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 37.98      |               | ug/L |   | 76   | 70 - 130    |
| Benzene                          | 50.0        | 53.43      |               | ug/L |   | 107  | 70 - 130    |
| Bromodichloromethane             | 50.0        | 50.88      |               | ug/L |   | 102  | 65 - 135    |
| Bromoform                        | 50.0        | 42.32      |               | ug/L |   | 85   | 70 - 130    |
| Bromomethane                     | 50.0        | 61.58      |               | ug/L |   | 123  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 55.31      |               | ug/L |   | 111  | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 54.75      |               | ug/L |   | 109  | 70 - 130    |
| Chlorobenzene                    | 50.0        | 50.82      |               | ug/L |   | 102  | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 45.44      |               | ug/L |   | 91   | 70 - 130    |
| Chloroethane                     | 50.0        | 59.03      |               | ug/L |   | 118  | 60 - 140    |
| Chloroform                       | 50.0        | 55.65      |               | ug/L |   | 111  | 70 - 130    |
| Chloromethane                    | 50.0        | 45.48      |               | ug/L |   | 91   | 60 - 140    |
| Chloroprene                      | 50.0        | 65.10      |               | ug/L |   | 130  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 54.80      |               | ug/L |   | 110  | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 49.33      |               | ug/L |   | 99   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 49.05      |               | ug/L |   | 98   | 70 - 130    |
| Cyclohexane                      | 50.0        | 55.13      |               | ug/L |   | 110  | 65 - 130    |
| Dibromomethane                   | 50.0        | 49.44      |               | ug/L |   | 99   | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 43.27      |               | ug/L |   | 87   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 43.09      |               | ug/L |   | 86   | 70 - 130    |
| Ethylbenzene                     | 50.0        | 50.79      |               | ug/L |   | 102  | 70 - 130    |
| Hexane                           | 50.0        | 62.99      |               | ug/L |   | 126  | 65 - 140    |
| Iodomethane                      | 50.0        | 50.97      |               | ug/L |   | 102  | 50 - 150    |
| Isobutanol                       | 1240        | 975.8      |               | ug/L |   | 79   | 60 - 140    |
| Methacrylonitrile                | 500         | 520.4      |               | ug/L |   | 104  | 70 - 130    |
| Methyl methacrylate              | 100         | 96.40      |               | ug/L |   | 96   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 52.78      |               | ug/L |   | 106  | 70 - 135    |
| Methylene Chloride               | 50.0        | 61.82      |               | ug/L |   | 124  | 71 - 125    |
| Propionitrile                    | 500         | 493.6      |               | ug/L |   | 99   | 70 - 130    |
| Propylbenzene                    | 50.0        | 48.55      |               | ug/L |   | 97   | 70 - 130    |
| Styrene                          | 50.0        | 51.50      |               | ug/L |   | 103  | 70 - 130    |
| Tetrachloroethene                | 50.0        | 49.67      |               | ug/L |   | 99   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 88.07      |               | ug/L |   | 88   | 63 - 130    |
| Toluene                          | 50.0        | 51.32      |               | ug/L |   | 103  | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 57.21      |               | ug/L |   | 114  | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 46.56      |               | ug/L |   | 93   | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 42.67      |               | ug/L |   | 85   | 70 - 130    |
| Trichloroethene                  | 50.0        | 48.94      |               | ug/L |   | 98   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 54.49      |               | ug/L |   | 109  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276045/31

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 328.2      |               | ug/L |   | 131  | 50 - 150    |
| Vinyl chloride | 50.0        | 49.29      |               | ug/L |   | 99   | 60 - 140    |
| Xylenes, Total | 100         | 99.90      |               | ug/L |   | 100  | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.05030    |               | mg/L |   | 101  | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04960    |               | mg/L |   | 99   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 92            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 103           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 101           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276045/32

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.49       |                | ug/L |   | 95   | 70 - 130    | 1   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 50.34       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 44.96       |                | ug/L |   | 90   | 70 - 130    | 2   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 53.56       |                | ug/L |   | 107  | 60 - 140    | 0   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 47.85       |                | ug/L |   | 96   | 70 - 130    | 2   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 58.59       |                | ug/L |   | 117  | 70 - 130    | 6   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 52.15       |                | ug/L |   | 104  | 67 - 130    | 3   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 45.04       |                | ug/L |   | 90   | 70 - 130    | 2   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 48.56       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 35.40       |                | ug/L |   | 71   | 59 - 130    | 1   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 45.72       |                | ug/L |   | 91   | 70 - 130    | 2   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 53.44       |                | ug/L |   | 107  | 70 - 130    | 0   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 52.60       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 49.47       |                | ug/L |   | 99   | 70 - 130    | 3   | 25        |
| 1,3-Butadiene                         | 50.0        | 54.13       |                | ug/L |   | 108  | 60 - 150    | 4   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 53.53       |                | ug/L |   | 107  | 70 - 130    | 1   | 25        |
| 2-Butanone (MEK)                      | 250         | 233.8       |                | ug/L |   | 94   | 67 - 140    | 5   | 25        |
| 2-Hexanone (MBK)                      | 250         | 238.4       |                | ug/L |   | 95   | 60 - 140    | 3   | 25        |
| 2-Propanol                            | 500         | 580.0       |                | ug/L |   | 116  | 50 - 150    | 3   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 54.04       |                | ug/L |   | 108  | 60 - 130    | 6   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 240.4       |                | ug/L |   | 96   | 60 - 140    | 4   | 25        |
| Acetone                               | 250         | 279.9       |                | ug/L |   | 112  | 60 - 140    | 5   | 25        |
| Acetonitrile                          | 500         | 591.4       |                | ug/L |   | 118  | 60 - 140    | 4   | 25        |
| Acrolein                              | 250         | 252.1       |                | ug/L |   | 101  | 60 - 140    | 1   | 25        |
| Acrylonitrile                         | 500         | 567.8       |                | ug/L |   | 114  | 60 - 140    | 5   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 36.94       |                | ug/L |   | 74   | 70 - 130    | 3   | 25        |
| Benzene                               | 50.0        | 52.32       |                | ug/L |   | 105  | 70 - 130    | 2   | 25        |
| Bromodichloromethane                  | 50.0        | 50.10       |                | ug/L |   | 100  | 65 - 135    | 2   | 25        |
| Bromoform                             | 50.0        | 41.47       |                | ug/L |   | 83   | 70 - 130    | 2   | 25        |
| Bromomethane                          | 50.0        | 61.52       |                | ug/L |   | 123  | 49 - 140    | 0   | 25        |
| Carbon disulfide                      | 50.0        | 53.94       |                | ug/L |   | 108  | 60 - 130    | 3   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276045/32

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 51.75       |                | ug/L |   | 104  | 70 - 130    | 6   | 25        |
| Chlorobenzene               | 50.0        | 50.42       |                | ug/L |   | 101  | 65 - 135    | 1   | 25        |
| Chlorodibromomethane        | 50.0        | 44.61       |                | ug/L |   | 89   | 70 - 130    | 2   | 25        |
| Chloroethane                | 50.0        | 59.04       |                | ug/L |   | 118  | 60 - 140    | 0   | 25        |
| Chloroform                  | 50.0        | 53.90       |                | ug/L |   | 108  | 70 - 130    | 3   | 25        |
| Chloromethane               | 50.0        | 48.21       |                | ug/L |   | 96   | 60 - 140    | 6   | 25        |
| Chloroprene                 | 50.0        | 61.72       |                | ug/L |   | 123  | 70 - 130    | 5   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 52.29       |                | ug/L |   | 105  | 70 - 130    | 5   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 48.68       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 48.40       |                | ug/L |   | 97   | 70 - 130    | 1   | 25        |
| Cyclohexane                 | 50.0        | 55.39       |                | ug/L |   | 111  | 65 - 130    | 0   | 25        |
| Dibromomethane              | 50.0        | 48.28       |                | ug/L |   | 97   | 69 - 130    | 2   | 25        |
| Dichlorodifluoromethane     | 50.0        | 44.67       |                | ug/L |   | 89   | 50 - 150    | 3   | 25        |
| Ethyl methacrylate          | 50.0        | 42.90       |                | ug/L |   | 86   | 70 - 130    | 0   | 25        |
| Ethylbenzene                | 50.0        | 50.07       |                | ug/L |   | 100  | 70 - 130    | 1   | 25        |
| Hexane                      | 50.0        | 60.94       |                | ug/L |   | 122  | 65 - 140    | 3   | 25        |
| Iodomethane                 | 50.0        | 51.71       |                | ug/L |   | 103  | 50 - 150    | 1   | 25        |
| Isobutanol                  | 1240        | 947.6       |                | ug/L |   | 76   | 60 - 140    | 3   | 25        |
| Methacrylonitrile           | 500         | 506.1       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| Methyl methacrylate         | 100         | 93.92       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| Methyl tert-butyl ether     | 50.0        | 50.93       |                | ug/L |   | 102  | 70 - 135    | 4   | 25        |
| Methylene Chloride          | 50.0        | 61.45       |                | ug/L |   | 123  | 71 - 125    | 1   | 25        |
| Propionitrile               | 500         | 472.6       |                | ug/L |   | 95   | 70 - 130    | 4   | 25        |
| Propylbenzene               | 50.0        | 49.46       |                | ug/L |   | 99   | 70 - 130    | 2   | 25        |
| Styrene                     | 50.0        | 50.35       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| Tetrachloroethene           | 50.0        | 48.76       |                | ug/L |   | 98   | 70 - 130    | 2   | 25        |
| Tetrahydrofuran             | 100         | 87.75       |                | ug/L |   | 88   | 63 - 130    | 0   | 25        |
| Toluene                     | 50.0        | 50.63       |                | ug/L |   | 101  | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 56.57       |                | ug/L |   | 113  | 70 - 130    | 1   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 45.30       |                | ug/L |   | 91   | 70 - 130    | 3   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 41.41       |                | ug/L |   | 83   | 70 - 130    | 3   | 25        |
| Trichloroethene             | 50.0        | 48.94       |                | ug/L |   | 98   | 70 - 135    | 0   | 25        |
| Trichlorofluoromethane      | 50.0        | 53.15       |                | ug/L |   | 106  | 60 - 140    | 2   | 25        |
| Vinyl acetate               | 250         | 308.7       |                | ug/L |   | 123  | 50 - 150    | 6   | 25        |
| Vinyl chloride              | 50.0        | 52.49       |                | ug/L |   | 105  | 60 - 140    | 6   | 25        |
| Xylenes, Total              | 100         | 97.68       |                | ug/L |   | 98   | 70 - 130    | 2   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.04943     |                | mg/L |   | 99   | 70 - 130    | 2   | 25        |
| o-Xylene                    | 0.0500      | 0.04825     |                | mg/L |   | 96   | 70 - 130    | 3   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 92             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 101            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-41517-B-1 MS

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 45.22     |              | ug/L |   | 90   | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 46.28     |              | ug/L |   | 93   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 48.15     |              | ug/L |   | 96   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 43.17     |              | ug/L |   | 86   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 47.23     |              | ug/L |   | 94   | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 54.10     |              | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 49.05     |              | ug/L |   | 98   | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 45.92     |              | ug/L |   | 92   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 46.31     |              | ug/L |   | 93   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 40.06     |              | ug/L |   | 80   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 46.51     |              | ug/L |   | 93   | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 50.73     |              | ug/L |   | 101  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 49.45     |              | ug/L |   | 99   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 45.87     |              | ug/L |   | 92   | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 49.40     |              | ug/L |   | 99   | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 41.55     |              | ug/L |   | 83   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 244.7     |              | ug/L |   | 98   | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 255.6     |              | ug/L |   | 102  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 571.9     |              | ug/L |   | 114  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 45.87     |              | ug/L |   | 92   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 258.9     |              | ug/L |   | 104  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 277.6     |              | ug/L |   | 111  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 628.4     |              | ug/L |   | 126  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 240.6     |              | ug/L |   | 96   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 594.9     |              | ug/L |   | 119  | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U F1             | 50.0        | 31.54     | F1           | ug/L |   | 63   | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 48.44     |              | ug/L |   | 97   | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 46.80     |              | ug/L |   | 94   | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 42.16     |              | ug/L |   | 84   | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 63.38     |              | ug/L |   | 127  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 50.26     |              | ug/L |   | 101  | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 47.36     |              | ug/L |   | 95   | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 47.13     |              | ug/L |   | 94   | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 43.56     |              | ug/L |   | 87   | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 60.02     |              | ug/L |   | 120  | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 49.88     |              | ug/L |   | 100  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 46.79     |              | ug/L |   | 94   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 57.07     |              | ug/L |   | 114  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 48.95     |              | ug/L |   | 98   | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 44.49     |              | ug/L |   | 89   | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 45.26     |              | ug/L |   | 91   | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 44.60     |              | ug/L |   | 89   | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 47.07     |              | ug/L |   | 94   | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 36.59     |              | ug/L |   | 73   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U                | 50.0        | 45.64     |              | ug/L |   | 91   | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 47.21     |              | ug/L |   | 94   | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 48.02     |              | ug/L |   | 96   | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 51.47     |              | ug/L |   | 103  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-41517-B-1 MS

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                  | <17.1         | U                | 1240        | 1100      |              | ug/L |   | 89   | 60 - 140    |
| Methacrylonitrile           | <2.72         | U                | 500         | 526.7     |              | ug/L |   | 105  | 70 - 130    |
| Methyl methacrylate         | <2.25         | U                | 100         | 97.58     |              | ug/L |   | 98   | 70 - 130    |
| Methyl tert-butyl ether     | <1.39         | U                | 50.0        | 51.51     |              | ug/L |   | 103  | 70 - 135    |
| Methylene Chloride          | <1.73         | U                | 50.0        | 52.84     |              | ug/L |   | 106  | 71 - 125    |
| Propionitrile               | <3.34         | U                | 500         | 507.0     |              | ug/L |   | 101  | 70 - 130    |
| Propylbenzene               | <0.429        | U                | 50.0        | 46.26     |              | ug/L |   | 93   | 70 - 130    |
| Styrene                     | <0.619        | U                | 50.0        | 48.21     |              | ug/L |   | 96   | 70 - 130    |
| Tetrachloroethene           | <0.655        | U                | 50.0        | 43.89     |              | ug/L |   | 88   | 70 - 130    |
| Tetrahydrofuran             | <1.83         | U                | 100         | 100.4     |              | ug/L |   | 100  | 63 - 130    |
| Toluene                     | <0.475        | U                | 50.0        | 47.37     |              | ug/L |   | 95   | 70 - 130    |
| trans-1,2-Dichloroethene    | <0.368        | U                | 50.0        | 52.28     |              | ug/L |   | 105  | 70 - 130    |
| trans-1,3-Dichloropropene   | <1.27         | U                | 50.0        | 43.82     |              | ug/L |   | 88   | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <1.35         | U                | 50.0        | 45.01     |              | ug/L |   | 90   | 70 - 130    |
| Trichloroethene             | 4.23          | J                | 50.0        | 48.27     |              | ug/L |   | 88   | 70 - 135    |
| Trichlorofluoromethane      | <0.560        | U                | 50.0        | 48.84     |              | ug/L |   | 98   | 60 - 140    |
| Vinyl acetate               | <2.14         | U                | 250         | 307.7     |              | ug/L |   | 123  | 50 - 150    |
| Vinyl chloride              | <0.428        | U                | 50.0        | 51.89     |              | ug/L |   | 104  | 60 - 140    |
| Xylenes, Total              | <1.24         | U                | 100         | 92.94     |              | ug/L |   | 93   | 70 - 130    |
| m,p-Xylenes                 | <0.00124      | U                | 0.0500      | 0.04678   |              | mg/L |   | 94   | 70 - 130    |
| o-Xylene                    | <0.000502     | U                | 0.0500      | 0.04616   |              | mg/L |   | 92   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 94           |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 103          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 102          |              | 80 - 120 |

Lab Sample ID: 870-41517-C-1 MSD

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 48.33      |               | ug/L |   | 97   | 70 - 130    | 7   | 25        |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 50.38      |               | ug/L |   | 101  | 70 - 130    | 8   | 25        |
| 1,1,1,2,2-Tetrachloroethane           | <0.470        | U                | 50.0        | 48.10      |               | ug/L |   | 96   | 70 - 130    | 0   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 47.87      |               | ug/L |   | 96   | 60 - 140    | 10  | 25        |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 49.13      |               | ug/L |   | 98   | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 59.53      |               | ug/L |   | 119  | 70 - 130    | 10  | 25        |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 52.77      |               | ug/L |   | 106  | 67 - 130    | 7   | 25        |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 46.38      |               | ug/L |   | 93   | 70 - 130    | 1   | 25        |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 49.41      |               | ug/L |   | 99   | 70 - 130    | 6   | 25        |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 39.36      |               | ug/L |   | 79   | 59 - 130    | 2   | 25        |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 46.80      |               | ug/L |   | 94   | 70 - 130    | 1   | 25        |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 54.33      |               | ug/L |   | 109  | 70 - 130    | 7   | 25        |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 52.34      |               | ug/L |   | 105  | 70 - 130    | 6   | 25        |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 49.31      |               | ug/L |   | 99   | 70 - 130    | 7   | 25        |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 54.14      |               | ug/L |   | 108  | 60 - 150    | 9   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-41517-C-1 MSD

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | <0.500        | U                | 50.0        | 46.05      |               | ug/L |   | 92   | 70 - 130    | 10  | 25        |
| 2-Butanone (MEK)                 | <8.28         | U                | 250         | 238.3      |               | ug/L |   | 95   | 67 - 140    | 3   | 25        |
| 2-Hexanone (MBK)                 | <5.00         | U                | 250         | 243.0      |               | ug/L |   | 97   | 60 - 140    | 5   | 25        |
| 2-Propanol                       | <5.23         | U                | 500         | 588.7      |               | ug/L |   | 118  | 50 - 150    | 3   | 25        |
| 3-Chloropropene (Allyl Chloride) | <0.597        | U                | 50.0        | 55.07      |               | ug/L |   | 110  | 60 - 130    | 18  | 25        |
| 4-Methyl-2-pentanone             | <5.00         | U                | 250         | 256.3      |               | ug/L |   | 103  | 60 - 140    | 1   | 25        |
| Acetone                          | <3.07         | U                | 250         | 276.7      |               | ug/L |   | 111  | 60 - 140    | 0   | 25        |
| Acetonitrile                     | <14.6         | U                | 500         | 595.7      |               | ug/L |   | 119  | 60 - 140    | 5   | 25        |
| Acrolein                         | <11.1         | U                | 250         | 246.7      |               | ug/L |   | 99   | 60 - 140    | 3   | 25        |
| Acrylonitrile                    | <14.3         | U                | 500         | 594.6      |               | ug/L |   | 119  | 60 - 140    | 0   | 25        |
| alpha-Chlorotoluene              | <2.26         | U F1             | 50.0        | 31.83      | F1            | ug/L |   | 64   | 70 - 130    | 1   | 25        |
| Benzene                          | <0.460        | U                | 50.0        | 52.39      |               | ug/L |   | 105  | 70 - 130    | 8   | 25        |
| Bromodichloromethane             | <0.552        | U                | 50.0        | 49.84      |               | ug/L |   | 100  | 65 - 135    | 6   | 25        |
| Bromoform                        | <0.633        | U                | 50.0        | 42.96      |               | ug/L |   | 86   | 70 - 130    | 2   | 25        |
| Bromomethane                     | <1.42         | U                | 50.0        | 63.67      |               | ug/L |   | 127  | 49 - 140    | 0   | 25        |
| Carbon disulfide                 | <1.65         | U                | 50.0        | 53.53      |               | ug/L |   | 107  | 60 - 130    | 6   | 25        |
| Carbon tetrachloride             | <0.896        | U                | 50.0        | 52.03      |               | ug/L |   | 104  | 70 - 130    | 9   | 25        |
| Chlorobenzene                    | <0.455        | U                | 50.0        | 50.13      |               | ug/L |   | 100  | 65 - 135    | 6   | 25        |
| Chlorodibromomethane             | <0.547        | U                | 50.0        | 46.01      |               | ug/L |   | 92   | 70 - 130    | 5   | 25        |
| Chloroethane                     | <1.98         | U                | 50.0        | 59.25      |               | ug/L |   | 118  | 60 - 140    | 1   | 25        |
| Chloroform                       | <0.464        | U                | 50.0        | 53.61      |               | ug/L |   | 107  | 70 - 130    | 7   | 25        |
| Chloromethane                    | <2.04         | U                | 50.0        | 50.09      |               | ug/L |   | 100  | 60 - 140    | 7   | 25        |
| Chloroprene                      | <0.598        | U                | 50.0        | 60.95      |               | ug/L |   | 122  | 70 - 130    | 7   | 25        |
| cis-1,2-Dichloroethene           | <0.457        | U                | 50.0        | 51.77      |               | ug/L |   | 104  | 70 - 130    | 6   | 25        |
| cis-1,3-Dichloropropene          | <1.07         | U                | 50.0        | 47.18      |               | ug/L |   | 94   | 70 - 130    | 6   | 25        |
| Cumene (isopropylbenzene)        | <0.592        | U                | 50.0        | 48.47      |               | ug/L |   | 97   | 70 - 130    | 7   | 25        |
| Cyclohexane                      | <1.29         | U                | 50.0        | 46.78      |               | ug/L |   | 94   | 65 - 130    | 5   | 25        |
| Dibromomethane                   | <0.357        | U                | 50.0        | 50.16      |               | ug/L |   | 100  | 69 - 130    | 6   | 25        |
| Dichlorodifluoromethane          | <0.785        | U                | 50.0        | 39.63      |               | ug/L |   | 79   | 50 - 150    | 8   | 25        |
| Ethyl methacrylate               | <1.12         | U                | 50.0        | 45.87      |               | ug/L |   | 92   | 70 - 130    | 0   | 25        |
| Ethylbenzene                     | <0.385        | U                | 50.0        | 50.36      |               | ug/L |   | 101  | 70 - 130    | 6   | 25        |
| Hexane                           | <0.517        | U                | 50.0        | 53.76      |               | ug/L |   | 108  | 65 - 140    | 11  | 25        |
| Iodomethane                      | <5.00         | U                | 50.0        | 55.77      |               | ug/L |   | 112  | 50 - 150    | 8   | 25        |
| Isobutanol                       | <17.1         | U                | 1240        | 1064       |               | ug/L |   | 86   | 60 - 140    | 3   | 25        |
| Methacrylonitrile                | <2.72         | U                | 500         | 525.9      |               | ug/L |   | 105  | 70 - 130    | 0   | 25        |
| Methyl methacrylate              | <2.25         | U                | 100         | 97.84      |               | ug/L |   | 98   | 70 - 130    | 0   | 25        |
| Methyl tert-butyl ether          | <1.39         | U                | 50.0        | 52.76      |               | ug/L |   | 106  | 70 - 135    | 2   | 25        |
| Methylene Chloride               | <1.73         | U                | 50.0        | 56.31      |               | ug/L |   | 113  | 71 - 125    | 6   | 25        |
| Propionitrile                    | <3.34         | U                | 500         | 502.7      |               | ug/L |   | 101  | 70 - 130    | 1   | 25        |
| Propylbenzene                    | <0.429        | U                | 50.0        | 49.36      |               | ug/L |   | 99   | 70 - 130    | 6   | 25        |
| Styrene                          | <0.619        | U                | 50.0        | 50.74      |               | ug/L |   | 101  | 70 - 130    | 5   | 25        |
| Tetrachloroethene                | <0.655        | U                | 50.0        | 47.70      |               | ug/L |   | 95   | 70 - 130    | 8   | 25        |
| Tetrahydrofuran                  | <1.83         | U                | 100         | 91.65      |               | ug/L |   | 92   | 63 - 130    | 9   | 25        |
| Toluene                          | <0.475        | U                | 50.0        | 50.65      |               | ug/L |   | 101  | 70 - 130    | 7   | 25        |
| trans-1,2-Dichloroethene         | <0.368        | U                | 50.0        | 55.75      |               | ug/L |   | 111  | 70 - 130    | 6   | 25        |
| trans-1,3-Dichloropropene        | <1.27         | U                | 50.0        | 45.68      |               | ug/L |   | 91   | 70 - 130    | 4   | 25        |
| trans-1,4-Dichloro-2-butene      | <1.35         | U                | 50.0        | 42.89      |               | ug/L |   | 86   | 70 - 130    | 5   | 25        |
| Trichloroethene                  | 4.23          | J                | 50.0        | 52.85      |               | ug/L |   | 97   | 70 - 135    | 9   | 25        |
| Trichlorofluoromethane           | <0.560        | U                | 50.0        | 54.54      |               | ug/L |   | 109  | 60 - 140    | 11  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-41517-C-1 MSD

Matrix: Water

Analysis Batch: 276045

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | <2.14         | U                | 250         | 320.0      |               | ug/L |   | 128  | 50 - 150    | 4   | 25        |
| Vinyl chloride | <0.428        | U                | 50.0        | 54.50      |               | ug/L |   | 109  | 60 - 140    | 5   | 25        |
| Xylenes, Total | <1.24         | U                | 100         | 98.69      |               | ug/L |   | 99   | 70 - 130    | 6   | 25        |
| m,p-Xylenes    | <0.00124      | U                | 0.0500      | 0.04996    |               | mg/L |   | 100  | 70 - 130    | 7   | 25        |
| o-Xylene       | <0.000502     | U                | 0.0500      | 0.04873    |               | mg/L |   | 97   | 70 - 130    | 5   | 25        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | MSD Limits |
|------------------------------|---------------|---------------|------------|
| 1,2-Dichloroethane-d4 (Surr) | 103           |               | 63 - 144   |
| 4-Bromofluorobenzene (Surr)  | 93            |               | 74 - 124   |
| Dibromofluoromethane (Surr)  | 101           |               | 75 - 131   |
| Toluene-d8 (Surr)            | 101           |               | 80 - 120   |

Lab Sample ID: MB 860-276330/7

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/17/25 13:07 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/17/25 13:07 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/17/25 13:07 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/17/25 13:07 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/17/25 13:07 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276330/7

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride        | <0.896    | U            | 2.00    | 0.896    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chlorobenzene               | <0.455    | U            | 1.00    | 0.455    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chlorodibromomethane        | <0.547    | U            | 5.00    | 0.547    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloroethane                | <1.98     | U            | 10.0    | 1.98     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloroform                  | <0.464    | U            | 1.00    | 0.464    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloromethane               | <2.04     | U            | 10.0    | 2.04     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloroprene                 | <0.598    | U            | 5.00    | 0.598    | ug/L |   |          | 11/17/25 13:07 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U            | 1.00    | 0.457    | ug/L |   |          | 11/17/25 13:07 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U            | 5.00    | 1.07     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U            | 1.00    | 0.592    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Cyclohexane                 | <1.29     | U            | 5.00    | 1.29     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Dibromomethane              | <0.357    | U            | 1.00    | 0.357    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Dichlorodifluoromethane     | <0.785    | U            | 1.00    | 0.785    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Ethyl methacrylate          | <1.12     | U            | 5.00    | 1.12     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Ethylbenzene                | <0.385    | U            | 1.00    | 0.385    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Hexane                      | <0.517    | U            | 5.00    | 0.517    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Iodomethane                 | <5.00     | U            | 20.0    | 5.00     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/17/25 13:07 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/17/25 13:07 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/17/25 13:07 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/17/25 13:07 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 13:07 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 13:07 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89           |              | 63 - 144 |          | 11/17/25 13:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 87           |              | 74 - 124 |          | 11/17/25 13:07 | 1       |
| Dibromofluoromethane (Surr)  | 128          |              | 75 - 131 |          | 11/17/25 13:07 | 1       |
| Toluene-d8 (Surr)            | 104          |              | 80 - 120 |          | 11/17/25 13:07 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276330/3

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.24      |               | ug/L |   | 94   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 52.51      |               | ug/L |   | 105  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.99      |               | ug/L |   | 92   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 54.56      |               | ug/L |   | 109  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 54.43      |               | ug/L |   | 109  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 54.04      |               | ug/L |   | 108  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 58.99      |               | ug/L |   | 118  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 40.46      |               | ug/L |   | 81   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 49.29      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 43.86      |               | ug/L |   | 88   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 50.14      |               | ug/L |   | 100  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 41.28      |               | ug/L |   | 83   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 60.19      |               | ug/L |   | 120  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.55      |               | ug/L |   | 95   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 53.13      |               | ug/L |   | 106  | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 54.76      |               | ug/L |   | 110  | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 207.2      |               | ug/L |   | 83   | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 162.5      |               | ug/L |   | 65   | 60 - 140    |
| 2-Propanol                            | 500         | 427.9      |               | ug/L |   | 86   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 63.76      |               | ug/L |   | 128  | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 147.8      | *-            | ug/L |   | 59   | 60 - 140    |
| Acetone                               | 250         | 267.0      |               | ug/L |   | 107  | 60 - 140    |
| Acetonitrile                          | 500         | 630.7      |               | ug/L |   | 126  | 60 - 140    |
| Acrolein                              | 250         | 237.9      |               | ug/L |   | 95   | 60 - 140    |
| Acrylonitrile                         | 500         | 496.7      |               | ug/L |   | 99   | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 56.02      |               | ug/L |   | 112  | 70 - 130    |
| Benzene                               | 50.0        | 55.17      |               | ug/L |   | 110  | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 48.73      |               | ug/L |   | 97   | 65 - 135    |
| Bromoform                             | 50.0        | 45.66      |               | ug/L |   | 91   | 70 - 130    |
| Bromomethane                          | 50.0        | 29.85      |               | ug/L |   | 60   | 49 - 140    |
| Carbon disulfide                      | 50.0        | 60.03      |               | ug/L |   | 120  | 60 - 130    |
| Carbon tetrachloride                  | 50.0        | 50.61      |               | ug/L |   | 101  | 70 - 130    |
| Chlorobenzene                         | 50.0        | 49.26      |               | ug/L |   | 99   | 65 - 135    |
| Chlorodibromomethane                  | 50.0        | 52.63      |               | ug/L |   | 105  | 70 - 130    |
| Chloroethane                          | 50.0        | 46.96      |               | ug/L |   | 94   | 60 - 140    |
| Chloroform                            | 50.0        | 57.11      |               | ug/L |   | 114  | 70 - 130    |
| Chloromethane                         | 50.0        | 60.99      |               | ug/L |   | 122  | 60 - 140    |
| Chloroprene                           | 50.0        | 53.15      |               | ug/L |   | 106  | 70 - 130    |
| cis-1,2-Dichloroethene                | 50.0        | 53.01      |               | ug/L |   | 106  | 70 - 130    |
| cis-1,3-Dichloropropene               | 50.0        | 53.52      |               | ug/L |   | 107  | 70 - 130    |
| Cumene (isopropylbenzene)             | 50.0        | 47.49      |               | ug/L |   | 95   | 70 - 130    |
| Cyclohexane                           | 50.0        | 63.54      |               | ug/L |   | 127  | 65 - 130    |
| Dibromomethane                        | 50.0        | 48.18      |               | ug/L |   | 96   | 69 - 130    |
| Dichlorodifluoromethane               | 50.0        | 24.86      |               | ug/L |   | 50   | 50 - 150    |
| Ethyl methacrylate                    | 50.0        | 36.75      |               | ug/L |   | 74   | 70 - 130    |
| Ethylbenzene                          | 50.0        | 48.13      |               | ug/L |   | 96   | 70 - 130    |
| Hexane                                | 50.0        | 49.72      |               | ug/L |   | 99   | 65 - 140    |
| Iodomethane                           | 50.0        | 44.41      |               | ug/L |   | 89   | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276330/3

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Isobutanol                  | 1240        | 510.5      | *-            | ug/L |   | 41   | 60 - 140    |
| Methacrylonitrile           | 500         | 550.9      |               | ug/L |   | 110  | 70 - 130    |
| Methyl methacrylate         | 100         | 73.81      |               | ug/L |   | 74   | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 46.34      |               | ug/L |   | 93   | 70 - 135    |
| Methylene Chloride          | 50.0        | 55.32      |               | ug/L |   | 111  | 71 - 125    |
| Propionitrile               | 500         | 537.8      |               | ug/L |   | 108  | 70 - 130    |
| Propylbenzene               | 50.0        | 47.37      |               | ug/L |   | 95   | 70 - 130    |
| Styrene                     | 50.0        | 52.85      |               | ug/L |   | 106  | 70 - 130    |
| Tetrachloroethene           | 50.0        | 44.42      |               | ug/L |   | 89   | 70 - 130    |
| Tetrahydrofuran             | 100         | 103.2      |               | ug/L |   | 103  | 63 - 130    |
| Toluene                     | 50.0        | 51.17      |               | ug/L |   | 102  | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 56.49      |               | ug/L |   | 113  | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 51.64      |               | ug/L |   | 103  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 35.72      |               | ug/L |   | 71   | 70 - 130    |
| Trichloroethene             | 50.0        | 51.62      |               | ug/L |   | 103  | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 43.59      |               | ug/L |   | 87   | 60 - 140    |
| Vinyl acetate               | 250         | 288.7      |               | ug/L |   | 115  | 50 - 150    |
| Vinyl chloride              | 50.0        | 47.89      |               | ug/L |   | 96   | 60 - 140    |
| Xylenes, Total              | 100         | 94.82      |               | ug/L |   | 95   | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.04704    |               | mg/L |   | 94   | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.04778    |               | mg/L |   | 96   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 80            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 91            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 120           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 103           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276330/4

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 51.93       |                | ug/L |   | 104  | 70 - 130    | 9   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 57.34       |                | ug/L |   | 115  | 70 - 130    | 9   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 48.85       |                | ug/L |   | 98   | 70 - 130    | 6   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 65.43       |                | ug/L |   | 131  | 60 - 140    | 18  | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 59.39       |                | ug/L |   | 119  | 70 - 130    | 9   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 68.93       | *+             | ug/L |   | 138  | 70 - 130    | 24  | 25        |
| 1,1-Dichloroethene                    | 50.0        | 70.68       | *+             | ug/L |   | 141  | 67 - 130    | 18  | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 43.52       |                | ug/L |   | 87   | 70 - 130    | 7   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 51.89       |                | ug/L |   | 104  | 70 - 130    | 5   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 46.74       |                | ug/L |   | 93   | 59 - 130    | 6   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 54.89       |                | ug/L |   | 110  | 70 - 130    | 9   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 46.54       |                | ug/L |   | 93   | 70 - 130    | 12  | 25        |
| 1,2-Dichloropropane                   | 50.0        | 65.85       | *+             | ug/L |   | 132  | 70 - 130    | 9   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 50.24       |                | ug/L |   | 100  | 70 - 130    | 6   | 25        |
| 1,3-Butadiene                         | 50.0        | 63.22       |                | ug/L |   | 126  | 60 - 150    | 17  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276330/4

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | 50.0        | 55.98       |                | ug/L |   | 112  | 70 - 130    | 2   | 25        |
| 2-Butanone (MEK)                 | 250         | 266.2       |                | ug/L |   | 106  | 67 - 140    | 25  | 25        |
| 2-Hexanone (MBK)                 | 250         | 178.4       |                | ug/L |   | 71   | 60 - 140    | 9   | 25        |
| 2-Propanol                       | 500         | 515.5       |                | ug/L |   | 103  | 50 - 150    | 19  | 25        |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 89.55       | *+ *1          | ug/L |   | 179  | 60 - 130    | 34  | 25        |
| 4-Methyl-2-pentanone             | 250         | 164.2       |                | ug/L |   | 66   | 60 - 140    | 10  | 25        |
| Acetone                          | 250         | 325.3       |                | ug/L |   | 130  | 60 - 140    | 20  | 25        |
| Acetonitrile                     | 500         | 829.6       | *+ *1          | ug/L |   | 166  | 60 - 140    | 27  | 25        |
| Acrolein                         | 250         | 303.8       |                | ug/L |   | 122  | 60 - 140    | 24  | 25        |
| Acrylonitrile                    | 500         | 645.7       | *1             | ug/L |   | 129  | 60 - 140    | 26  | 25        |
| alpha-Chlorotoluene              | 50.0        | 59.35       |                | ug/L |   | 119  | 70 - 130    | 6   | 25        |
| Benzene                          | 50.0        | 58.69       |                | ug/L |   | 117  | 70 - 130    | 6   | 25        |
| Bromodichloromethane             | 50.0        | 53.64       |                | ug/L |   | 107  | 65 - 135    | 10  | 25        |
| Bromoform                        | 50.0        | 48.62       |                | ug/L |   | 97   | 70 - 130    | 6   | 25        |
| Bromomethane                     | 50.0        | 35.42       |                | ug/L |   | 71   | 49 - 140    | 17  | 25        |
| Carbon disulfide                 | 50.0        | 76.31       | *+             | ug/L |   | 153  | 60 - 130    | 24  | 25        |
| Carbon tetrachloride             | 50.0        | 53.51       |                | ug/L |   | 107  | 70 - 130    | 6   | 25        |
| Chlorobenzene                    | 50.0        | 53.18       |                | ug/L |   | 106  | 65 - 135    | 8   | 25        |
| Chlorodibromomethane             | 50.0        | 56.71       |                | ug/L |   | 113  | 70 - 130    | 7   | 25        |
| Chloroethane                     | 50.0        | 52.20       |                | ug/L |   | 104  | 60 - 140    | 11  | 25        |
| Chloroform                       | 50.0        | 62.37       |                | ug/L |   | 125  | 70 - 130    | 9   | 25        |
| Chloromethane                    | 50.0        | 75.08       | *+             | ug/L |   | 150  | 60 - 140    | 21  | 25        |
| Chloroprene                      | 50.0        | 65.85       | *+             | ug/L |   | 132  | 70 - 130    | 21  | 25        |
| cis-1,2-Dichloroethene           | 50.0        | 65.62       | *+             | ug/L |   | 131  | 70 - 130    | 21  | 25        |
| cis-1,3-Dichloropropene          | 50.0        | 58.57       |                | ug/L |   | 117  | 70 - 130    | 9   | 25        |
| Cumene (isopropylbenzene)        | 50.0        | 50.53       |                | ug/L |   | 101  | 70 - 130    | 6   | 25        |
| Cyclohexane                      | 50.0        | 68.56       | *+             | ug/L |   | 137  | 65 - 130    | 8   | 25        |
| Dibromomethane                   | 50.0        | 53.94       |                | ug/L |   | 108  | 69 - 130    | 11  | 25        |
| Dichlorodifluoromethane          | 50.0        | 28.07       |                | ug/L |   | 56   | 50 - 150    | 12  | 25        |
| Ethyl methacrylate               | 50.0        | 39.86       |                | ug/L |   | 80   | 70 - 130    | 8   | 25        |
| Ethylbenzene                     | 50.0        | 51.64       |                | ug/L |   | 103  | 70 - 130    | 7   | 25        |
| Hexane                           | 50.0        | 64.01       |                | ug/L |   | 128  | 65 - 140    | 25  | 25        |
| Iodomethane                      | 50.0        | 56.08       |                | ug/L |   | 112  | 50 - 150    | 23  | 25        |
| Isobutanol                       | 1240        | 561.0       | *-             | ug/L |   | 45   | 60 - 140    | 9   | 25        |
| Methacrylonitrile                | 500         | 609.7       |                | ug/L |   | 122  | 70 - 130    | 10  | 25        |
| Methyl methacrylate              | 100         | 82.29       |                | ug/L |   | 82   | 70 - 130    | 11  | 25        |
| Methyl tert-butyl ether          | 50.0        | 58.51       |                | ug/L |   | 117  | 70 - 135    | 23  | 25        |
| Methylene Chloride               | 50.0        | 72.26       | *+ *1          | ug/L |   | 145  | 71 - 125    | 27  | 25        |
| Propionitrile                    | 500         | 665.9       | *+             | ug/L |   | 133  | 70 - 130    | 21  | 25        |
| Propylbenzene                    | 50.0        | 50.12       |                | ug/L |   | 100  | 70 - 130    | 6   | 25        |
| Styrene                          | 50.0        | 57.38       |                | ug/L |   | 115  | 70 - 130    | 8   | 25        |
| Tetrachloroethene                | 50.0        | 47.52       |                | ug/L |   | 95   | 70 - 130    | 7   | 25        |
| Tetrahydrofuran                  | 100         | 113.9       |                | ug/L |   | 114  | 63 - 130    | 10  | 25        |
| Toluene                          | 50.0        | 54.23       |                | ug/L |   | 108  | 70 - 130    | 6   | 25        |
| trans-1,2-Dichloroethene         | 50.0        | 71.42       | *+             | ug/L |   | 143  | 70 - 130    | 23  | 25        |
| trans-1,3-Dichloropropene        | 50.0        | 56.08       |                | ug/L |   | 112  | 70 - 130    | 8   | 25        |
| trans-1,4-Dichloro-2-butene      | 50.0        | 37.47       |                | ug/L |   | 75   | 70 - 130    | 5   | 25        |
| Trichloroethene                  | 50.0        | 56.11       |                | ug/L |   | 112  | 70 - 135    | 8   | 25        |
| Trichlorofluoromethane           | 50.0        | 47.27       |                | ug/L |   | 95   | 60 - 140    | 8   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276330/4

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | 250         | 368.2       |                | ug/L |   | 147  | 50 - 150    | 24  | 25        |
| Vinyl chloride | 50.0        | 56.54       |                | ug/L |   | 113  | 60 - 140    | 17  | 25        |
| Xylenes, Total | 100         | 101.3       |                | ug/L |   | 101  | 70 - 130    | 7   | 25        |
| m,p-Xylenes    | 0.0500      | 0.05002     |                | mg/L |   | 100  | 70 - 130    | 6   | 25        |
| o-Xylene       | 0.0500      | 0.05128     |                | mg/L |   | 103  | 70 - 130    | 7   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 84             |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 91             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 122            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 860-115835-A-8 MS

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                                    | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane - DL             | <644          | U                | 50000       | 50240     |              | ug/L |   | 100  | 70 - 130    |
| 1,1,1-Trichloroethane - DL                 | <585          | U                | 50000       | 54840     |              | ug/L |   | 110  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane - DL             | <470          | U                | 50000       | 50160     |              | ug/L |   | 100  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane - DL | <1110         | U                | 50000       | 60910     |              | ug/L |   | 122  | 60 - 140    |
| 1,1,2-Trichloroethane - DL                 | <411          | U                | 50000       | 58530     |              | ug/L |   | 117  | 70 - 130    |
| 1,1-Dichloroethane - DL                    | <635          | U **             | 50000       | 64850     |              | ug/L |   | 130  | 70 - 130    |
| 1,1-Dichloroethene - DL                    | <738          | U ** F1          | 50000       | 66650     | F1           | ug/L |   | 133  | 67 - 130    |
| 1,2,3-Trichloropropane - DL                | <470          | U                | 50000       | 43930     |              | ug/L |   | 88   | 70 - 130    |
| 1,2,4-Trimethylbenzene - DL                | 3000          |                  | 50000       | 55480     |              | ug/L |   | 105  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane - DL           | <671          | U                | 50000       | 52590     |              | ug/L |   | 105  | 59 - 130    |
| 1,2-Dibromoethane - DL                     | <999          | U                | 50000       | 53370     |              | ug/L |   | 107  | 70 - 130    |
| 1,2-Dichloroethane - DL                    | <372          | U                | 50000       | 43770     |              | ug/L |   | 88   | 70 - 130    |
| 1,2-Dichloropropane - DL                   | <556          | U **             | 50000       | 61080     |              | ug/L |   | 122  | 70 - 130    |
| 1,3,5-Trimethylbenzene - DL                | 947           | J                | 50000       | 50980     |              | ug/L |   | 100  | 70 - 130    |
| 1,3-Butadiene - DL                         | <568          | U                | 50000       | 70520     |              | ug/L |   | 141  | 60 - 150    |
| 2,2,4-Trimethylpentane - DL                | 2130          | J                | 50000       | 58200     |              | ug/L |   | 112  | 70 - 130    |
| 2-Butanone (MEK) - DL                      | <8280         | U                | 250000      | 253700    |              | ug/L |   | 101  | 67 - 140    |
| 2-Hexanone (MBK) - DL                      | <5000         | U                | 250000      | 169700    |              | ug/L |   | 68   | 60 - 140    |
| 2-Propanol - DL                            | <5230         | U                | 500000      | 552700    |              | ug/L |   | 111  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) - DL      | <597          | U ** F1 *1       | 50000       | 81660     | F1           | ug/L |   | 163  | 60 - 130    |
| 4-Methyl-2-pentanone - DL                  | <5000         | U *              | 250000      | 161400    |              | ug/L |   | 65   | 60 - 140    |
| Acetone - DL                               | <3070         | U                | 250000      | 271600    |              | ug/L |   | 109  | 60 - 140    |
| Acetonitrile - DL                          | <14600        | U ** F1 *1       | 500000      | 800100    | F1           | ug/L |   | 160  | 60 - 140    |
| Acrolein - DL                              | <11100        | U                | 250000      | 284300    |              | ug/L |   | 114  | 60 - 140    |
| Acrylonitrile - DL                         | <14300        | U *1             | 500000      | 618800    |              | ug/L |   | 124  | 60 - 140    |
| alpha-Chlorotoluene - DL                   | <2260         | U                | 50000       | 60740     |              | ug/L |   | 121  | 70 - 130    |
| Benzene - DL                               | 9760          |                  | 50000       | 66080     |              | ug/L |   | 113  | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-115835-A-8 MS

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Bromodichloromethane - DL        | <552          | U                | 50000       | 49600     |              | ug/L |   | 99   | 65 - 135    |
| Bromoform - DL                   | <633          | U                | 50000       | 46390     |              | ug/L |   | 93   | 70 - 130    |
| Bromomethane - DL                | <1420         | U                | 50000       | 34140     |              | ug/L |   | 68   | 49 - 140    |
| Carbon disulfide - DL            | <1650         | U ** F1          | 50000       | 70470     | F1           | ug/L |   | 141  | 60 - 130    |
| Carbon tetrachloride - DL        | <896          | U                | 50000       | 51200     |              | ug/L |   | 102  | 70 - 130    |
| Chlorobenzene - DL               | <455          | U                | 50000       | 51990     |              | ug/L |   | 104  | 65 - 135    |
| Chlorodibromomethane - DL        | <547          | U                | 50000       | 54110     |              | ug/L |   | 108  | 70 - 130    |
| Chloroethane - DL                | <1980         | U                | 50000       | 57680     |              | ug/L |   | 115  | 60 - 140    |
| Chloroform - DL                  | <464          | U                | 50000       | 59290     |              | ug/L |   | 119  | 70 - 130    |
| Chloromethane - DL               | <2040         | U ** F1          | 50000       | 74920     | F1           | ug/L |   | 150  | 60 - 140    |
| Chloroprene - DL                 | <598          | U **             | 50000       | 62170     |              | ug/L |   | 124  | 70 - 130    |
| cis-1,2-Dichloroethene - DL      | <457          | U **             | 50000       | 62430     |              | ug/L |   | 125  | 70 - 130    |
| cis-1,3-Dichloropropene - DL     | <1070         | U                | 50000       | 54120     |              | ug/L |   | 108  | 70 - 130    |
| Cumene (isopropylbenzene) - DL   | <592          | U                | 50000       | 48930     |              | ug/L |   | 98   | 70 - 130    |
| Cyclohexane - DL                 | 2080          | J **             | 50000       | 66370     |              | ug/L |   | 129  | 65 - 130    |
| Dibromomethane - DL              | <357          | U                | 50000       | 49850     |              | ug/L |   | 100  | 69 - 130    |
| Dichlorodifluoromethane - DL     | <785          | U                | 50000       | 34250     |              | ug/L |   | 68   | 50 - 150    |
| Ethyl methacrylate - DL          | <1120         | U                | 50000       | 38740     |              | ug/L |   | 77   | 70 - 130    |
| Ethylbenzene - DL                | 5670          |                  | 50000       | 56030     |              | ug/L |   | 101  | 70 - 130    |
| Hexane - DL                      | <517          | U                | 50000       | 60860     |              | ug/L |   | 122  | 65 - 140    |
| Iodomethane - DL                 | <5000         | U                | 50000       | 50890     |              | ug/L |   | 102  | 50 - 150    |
| Isobutanol - DL                  | <17100        | U *- F1          | 1240000     | 642700    | F1           | ug/L |   | 52   | 60 - 140    |
| Methacrylonitrile - DL           | <2720         | U                | 500000      | 597900    |              | ug/L |   | 120  | 70 - 130    |
| Methyl methacrylate - DL         | <2250         | U                | 100000      | 83230     |              | ug/L |   | 83   | 70 - 130    |
| Methyl tert-butyl ether - DL     | <1390         | U                | 50000       | 55980     |              | ug/L |   | 112  | 70 - 135    |
| Methylene Chloride - DL          | <1730         | U ** F1 *1       | 50000       | 67150     | F1           | ug/L |   | 134  | 71 - 125    |
| Propionitrile - DL               | 4190          | J **             | 500000      | 636700    |              | ug/L |   | 127  | 70 - 130    |
| Propylbenzene - DL               | 486           | J                | 50000       | 49990     |              | ug/L |   | 99   | 70 - 130    |
| Styrene - DL                     | <619          | U                | 50000       | 54050     |              | ug/L |   | 108  | 70 - 130    |
| Tetrachloroethene - DL           | <655          | U                | 50000       | 47770     |              | ug/L |   | 96   | 70 - 130    |
| Tetrahydrofuran - DL             | <1830         | U                | 100000      | 112500    |              | ug/L |   | 112  | 63 - 130    |
| Toluene - DL                     | 43100         |                  | 50000       | 94970     |              | ug/L |   | 104  | 70 - 130    |
| trans-1,2-Dichloroethene - DL    | <368          | U ** F1          | 50000       | 67250     | F1           | ug/L |   | 135  | 70 - 130    |
| trans-1,3-Dichloropropene - DL   | <1270         | U                | 50000       | 54280     |              | ug/L |   | 109  | 70 - 130    |
| trans-1,4-Dichloro-2-butene - DL | <1350         | U                | 50000       | 38040     |              | ug/L |   | 76   | 70 - 130    |
| Trichloroethene - DL             | <1500         | U                | 50000       | 53700     |              | ug/L |   | 107  | 70 - 135    |
| Trichlorofluoromethane - DL      | <560          | U                | 50000       | 52070     |              | ug/L |   | 104  | 60 - 140    |
| Vinyl acetate - DL               | <2140         | U                | 250000      | 344500    |              | ug/L |   | 138  | 50 - 150    |
| Vinyl chloride - DL              | <428          | U                | 50000       | 62250     |              | ug/L |   | 125  | 60 - 140    |
| Xylenes, Total - DL              | 23100         |                  | 100000      | 121000    |              | ug/L |   | 98   | 70 - 130    |
| m,p-Xylenes - DL                 | 16.3          |                  | 50.0        | 64.81     |              | mg/L |   | 97   | 70 - 130    |
| o-Xylene - DL                    | 6.80          |                  | 50.0        | 56.18     |              | mg/L |   | 99   | 70 - 130    |

| Surrogate                         | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) - DL | 80           |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr) - DL  | 91           |              | 74 - 124 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-115835-A-8 MS

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Matrix Spike

Prep Type: Total/NA

|                                  | MS        | MS        |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| Dibromofluoromethane (Surr) - DL | 117       |           | 75 - 131 |
| Toluene-d8 (Surr) - DL           | 104       |           | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | MB      | MB        |       |        |      |   |                |                |         |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                              | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aniline                      | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[g,h,i]perylene         | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzyl alcohol               | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethyl)ether      | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                             | Result  | Qualifier |       |        |      |   |                |                |         |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3-Dinitrobenzene          | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Naphthoquinone          | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1-Naphthylamine             | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,6-Dichlorophenol          | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Chlorophenol              | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Naphthylamine             | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Picoline                  | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Toluidine                 | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dichlorobenzidine      | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dimethylbenzidine      | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3-Methylcholanthrene        | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroquinoline-1-oxide    | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 7,12-Dimethylbenz(a)anthracene   | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 1                   | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 2                   | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite, Total                   | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate                         | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 1                  | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 2                  | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethoate                       | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dinoseb                          | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Disulfoton                       | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl methanesulfonate           | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl Parathion                  | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Famphur                          | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloropropene                | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole                       | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 1                | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 2                | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methapyriline                    | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl methanesulfonate          | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl parathion                 | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiethylamine            | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodimethylamine           | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomethylethylamine        | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomorpholine              | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosopyrrolidine             | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Safrole, Total                   | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Sulfotepp                        | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Thionazin                        | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59           |              | 26 - 136 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorobiphenyl            | 72           |              | 39 - 130 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorophenol (Surr)       | 74           |              | 19 - 120 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 74           |              | 32 - 133 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol-d5 (Surr)            | 69           |              | 8 - 124  | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Terphenyl-d14             | 73           |              | 28 - 130 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | MB<br>Result    | MB<br>Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------------|-----------------|----------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45           | U               | 5.71     | 1.45 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Surrogate                           | MB<br>%Recovery | MB<br>Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 59              |                 | 26 - 136 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorobiphenyl                    | 64              |                 | 39 - 130 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorophenol (Surr)               | 73              |                 | 19 - 120 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Nitrobenzene-d5 (Surr)              | 61              |                 | 32 - 133 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Phenol-d5 (Surr)                    | 57              |                 | 8 - 124  |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| p-Terphenyl-d14                     | 66              |                 | 28 - 130 |      |      |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,2,4-Trichlorobenzene       | 5.71           | 4.890         |                  | ug/L |   | 86   | 55 - 120       |
| 1,2-Dichlorobenzene          | 5.71           | 4.797         |                  | ug/L |   | 84   | 65 - 130       |
| 1,3-Dichlorobenzene          | 5.71           | 4.784         |                  | ug/L |   | 84   | 26 - 130       |
| 1,4-Dichlorobenzene          | 5.71           | 4.719         |                  | ug/L |   | 83   | 60 - 150       |
| 2,2'-oxybis[1-chloropropane] | 5.71           | 4.713         |                  | ug/L |   | 82   | 65 - 145       |
| 2,4,5-Trichlorophenol        | 5.71           | 5.156         |                  | ug/L |   | 90   | 58 - 150       |
| 2,4,6-Trichlorophenol        | 5.71           | 4.700         |                  | ug/L |   | 82   | 39 - 145       |
| 2,4-Dichlorophenol           | 5.71           | 4.412         |                  | ug/L |   | 77   | 60 - 147       |
| 2,4-Dimethylphenol           | 5.71           | 4.495         |                  | ug/L |   | 79   | 58 - 140       |
| 1,4-Dioxane                  | 5.71           | 3.630         |                  | ug/L |   | 64   | 31 - 145       |
| 2,4-Dinitrophenol            | 5.71           | 5.424         | J                | ug/L |   | 95   | 10 - 150       |
| 2,4-Dinitrotoluene           | 5.71           | 5.095         |                  | ug/L |   | 89   | 29 - 150       |
| 2,6-Dinitrotoluene           | 5.71           | 5.087         |                  | ug/L |   | 89   | 55 - 150       |
| 2-Chloronaphthalene          | 5.71           | 4.521         |                  | ug/L |   | 79   | 39 - 141       |
| 2-Methylnaphthalene          | 5.71           | 4.571         |                  | ug/L |   | 80   | 33 - 149       |
| 2-Methylphenol               | 5.71           | 5.441         |                  | ug/L |   | 95   | 49 - 140       |
| 2-Nitroaniline               | 5.71           | 5.111         |                  | ug/L |   | 89   | 42 - 150       |
| 2-Nitrophenol                | 5.71           | 5.360         |                  | ug/L |   | 94   | 43 - 150       |
| 3 & 4 Methylphenol           | 5.71           | 4.462         |                  | ug/L |   | 78   | 39 - 142       |
| 3-Nitroaniline               | 5.71           | 3.469         |                  | ug/L |   | 61   | 25 - 130       |
| 4,6-Dinitro-2-methylphenol   | 5.71           | 4.848         |                  | ug/L |   | 85   | 10 - 150       |
| 4-Bromophenyl phenyl ether   | 5.71           | 4.872         |                  | ug/L |   | 85   | 56 - 136       |
| 4-Chloro-3-methylphenol      | 5.71           | 4.498         |                  | ug/L |   | 79   | 52 - 137       |
| 4-Chloroaniline              | 5.71           | 1.938         |                  | ug/L |   | 34   | 10 - 95        |
| 4-Chlorophenyl phenyl ether  | 5.71           | 4.612         |                  | ug/L |   | 81   | 53 - 134       |
| 4-Nitroaniline               | 5.71           | 4.549         |                  | ug/L |   | 80   | 45 - 148       |
| Acenaphthene                 | 5.71           | 4.673         |                  | ug/L |   | 82   | 48 - 136       |
| Acenaphthylene               | 5.71           | 4.525         |                  | ug/L |   | 79   | 40 - 149       |
| Aniline                      | 5.71           | 0.8245        | J                | ug/L |   | 14   | 10 - 73        |
| Anthracene                   | 5.71           | 4.865         |                  | ug/L |   | 85   | 51 - 146       |
| Benzo[a]anthracene           | 5.71           | 4.592         |                  | ug/L |   | 80   | 43 - 145       |
| Benzo[a]pyrene               | 5.71           | 4.904         |                  | ug/L |   | 86   | 52 - 136       |
| Benzo[b]fluoranthene         | 5.71           | 4.863         |                  | ug/L |   | 85   | 45 - 140       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Benzo[g,h,i]perylene        | 5.71        | 4.552      | I             | ug/L |   | 80   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.592      |               | ug/L |   | 80   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 2.638      | J             | ug/L |   | 46   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.728      |               | ug/L |   | 83   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.141      |               | ug/L |   | 90   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.972      |               | ug/L |   | 70   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.799      |               | ug/L |   | 84   | 60 - 150    |
| Chrysene                    | 5.71        | 4.820      |               | ug/L |   | 84   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.820      |               | ug/L |   | 84   | 50 - 147    |
| Dibenzofuran                | 5.71        | 4.957      |               | ug/L |   | 87   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.636      |               | ug/L |   | 81   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.703      |               | ug/L |   | 82   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.672      |               | ug/L |   | 82   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 4.969      |               | ug/L |   | 87   | 55 - 150    |
| Fluoranthene                | 5.71        | 4.611      |               | ug/L |   | 81   | 50 - 144    |
| Fluorene                    | 5.71        | 4.656      |               | ug/L |   | 81   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 4.878      |               | ug/L |   | 85   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 4.550      |               | ug/L |   | 80   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 5.403      |               | ug/L |   | 95   | 24 - 150    |
| Hexachloroethane            | 5.71        | 5.028      |               | ug/L |   | 88   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.646      |               | ug/L |   | 81   | 46 - 138    |
| Isophorone                  | 5.71        | 4.518      |               | ug/L |   | 79   | 48 - 147    |
| Naphthalene                 | 5.71        | 4.538      |               | ug/L |   | 79   | 35 - 141    |
| Nitrobenzene                | 5.71        | 4.976      |               | ug/L |   | 87   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.909      |               | ug/L |   | 86   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 4.835      |               | ug/L |   | 85   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 4.419      |               | ug/L |   | 77   | 33 - 150    |
| Phenanthrene                | 5.71        | 4.998      |               | ug/L |   | 87   | 54 - 141    |
| Phenol                      | 5.71        | 4.213      |               | ug/L |   | 74   | 40 - 145    |
| Pyrene                      | 5.71        | 4.870      |               | ug/L |   | 85   | 50 - 143    |
| Pyridine                    | 5.71        | <0.837     | U             | ug/L |   | 10   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.433      |               | ug/L |   | 60   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.278      |               | ug/L |   | 92   | 60 - 150    |
| Acetophenone                | 5.71        | 3.671      |               | ug/L |   | 64   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 3.571      |               | ug/L |   | 62   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.768      |               | ug/L |   | 66   | 52 - 128    |
| Diphenyl ether              | 5.71        | 3.685      |               | ug/L |   | 64   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.574      |               | ug/L |   | 63   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 1.476      |               | ug/L |   | 26   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.759      |               | ug/L |   | 66   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 3.670      |               | ug/L |   | 64   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 5.872      |               | ug/L |   | 103  | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 3.468      |               | ug/L |   | 61   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.436      |               | ug/L |   | 25   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 3.482      |               | ug/L |   | 61   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 4.221      |               | ug/L |   | 74   | 45 - 150    |
| 2-Chlorophenol              | 5.71        | 4.912      |               | ug/L |   | 86   | 51 - 143    |
| 2-Naphthylamine             | 5.71        | 1.526      |               | ug/L |   | 27   | 17 - 130    |
| 2-Picoline                  | 5.71        | <1.03      | U *-          | ug/L |   | 4    | 10 - 143    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Toluidine                    | 5.71        | 1.663      |               | ug/L |   | 29   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.7307     | J             | ug/L |   | 13   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295     | U *-          | ug/L |   | 5    | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 3.564      |               | ug/L |   | 62   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.113      |               | ug/L |   | 72   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.502      |               | ug/L |   | 61   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 2.028      |               | ug/L |   | 71   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.967      |               | ug/L |   | 69   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.786      |               | ug/L |   | 66   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 1.046      |               | ug/L |   | 70   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.769      |               | ug/L |   | 66   | 45 - 138    |
| Hexachloropropene              | 5.71        | 4.259      |               | ug/L |   | 75   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.699      |               | ug/L |   | 65   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.5832     |               | ug/L |   | 64   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 3.116      |               | ug/L |   | 65   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.749      |               | ug/L |   | 66   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.856      |               | ug/L |   | 67   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.990      |               | ug/L |   | 87   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.240      |               | ug/L |   | 74   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.803      |               | ug/L |   | 67   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.842      |               | ug/L |   | 67   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.849      |               | ug/L |   | 67   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 3.989      |               | ug/L |   | 70   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 4.239      |               | ug/L |   | 74   | 38 - 145    |
| Phenacetin                     | 5.71        | 3.851      |               | ug/L |   | 67   | 50 - 150    |
| p-Phenylene diamine            | 5.71        | <5.71      | U *-          | ug/L |   | 0    | 5 - 112     |
| Pronamide                      | 5.71        | 3.965      |               | ug/L |   | 69   | 60 - 150    |
| Safrole, Total                 | 5.71        | 3.567      | *-            | ug/L |   | 62   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 68            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 74            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 73            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 75            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 72            |               | 8 - 124  |
| p-Terphenyl-d14             | 74            |               | 28 - 130 |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45      | U *-          | ug/L |   | 0    | 5 - 150     |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 69            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 68            |               | 39 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

|                        | LCS       | LCS       |          |
|------------------------|-----------|-----------|----------|
| Surrogate              | %Recovery | Qualifier | Limits   |
| 2-Fluorophenol (Surr)  | 74        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) | 67        |           | 32 - 133 |
| Phenol-d5 (Surr)       | 61        |           | 8 - 124  |
| p-Terphenyl-d14        | 70        |           | 28 - 130 |

Lab Sample ID: LCS 860-275662/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

|                                  | Spike | LCS    | LCS       |      |   |      | %Rec     |  |
|----------------------------------|-------|--------|-----------|------|---|------|----------|--|
| Analyte                          | Added | Result | Qualifier | Unit | D | %Rec | Limits   |  |
| Dimethoate                       | 2.86  | 9.155  | *+        | ug/L |   | 320  | 70 - 150 |  |
| Dinoseb                          | 5.71  | 9.349  | *+        | ug/L |   | 164  | 10 - 150 |  |
| Disulfoton                       | 2.86  | 7.673  | *+        | ug/L |   | 269  | 80 - 150 |  |
| Ethyl Parathion                  | 2.86  | 8.048  | *+        | ug/L |   | 282  | 70 - 150 |  |
| Famphur                          | 2.86  | 3.746  |           | ug/L |   | 131  | 10 - 150 |  |
| Methapyrilene                    | 5.71  | 7.761  |           | ug/L |   | 136  | 10 - 150 |  |
| Methyl parathion                 | 2.86  | 7.995  | *+        | ug/L |   | 280  | 80 - 150 |  |
| o,o',o"-Triethylphosphorothioate | 2.86  | 2.839  |           | ug/L |   | 99   | 38 - 150 |  |
| Phorate                          | 2.86  | 8.117  | *+        | ug/L |   | 284  | 65 - 150 |  |
| Sulfotepp                        | 2.86  | 7.899  | *+        | ug/L |   | 276  | 28 - 150 |  |
| Thionazin                        | 2.86  | 4.083  | *+        | ug/L |   | 143  | 40 - 140 |  |

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 73        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 68        |           | 8 - 124  |
| p-Terphenyl-d14             | 70        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

|                              | Spike | LCSD   | LCSD      |      |   |      | %Rec     |     | RPD   |
|------------------------------|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte                      | Added | Result | Qualifier | Unit | D | %Rec | Limits   | RPD | Limit |
| 1,2,4-Trichlorobenzene       | 5.71  | 5.155  |           | ug/L |   | 90   | 55 - 120 | 5   | 30    |
| 1,2-Dichlorobenzene          | 5.71  | 4.815  |           | ug/L |   | 84   | 65 - 130 | 0   | 30    |
| 1,3-Dichlorobenzene          | 5.71  | 4.799  |           | ug/L |   | 84   | 26 - 130 | 0   | 30    |
| 1,4-Dichlorobenzene          | 5.71  | 4.774  |           | ug/L |   | 84   | 60 - 150 | 1   | 30    |
| 2,2'-oxybis[1-chloropropane] | 5.71  | 4.526  |           | ug/L |   | 79   | 65 - 145 | 4   | 30    |
| 2,4,5-Trichlorophenol        | 5.71  | 4.839  |           | ug/L |   | 85   | 58 - 150 | 6   | 30    |
| 2,4,6-Trichlorophenol        | 5.71  | 4.436  |           | ug/L |   | 78   | 39 - 145 | 6   | 30    |
| 2,4-Dichlorophenol           | 5.71  | 4.555  |           | ug/L |   | 80   | 60 - 147 | 3   | 30    |
| 2,4-Dimethylphenol           | 5.71  | 4.764  |           | ug/L |   | 83   | 58 - 140 | 6   | 30    |
| 1,4-Dioxane                  | 5.71  | 3.607  |           | ug/L |   | 63   | 31 - 145 | 1   | 30    |
| 2,4-Dinitrophenol            | 5.71  | 4.976  | J         | ug/L |   | 87   | 10 - 150 | 9   | 30    |
| 2,4-Dinitrotoluene           | 5.71  | 5.360  |           | ug/L |   | 94   | 29 - 150 | 5   | 30    |
| 2,6-Dinitrotoluene           | 5.71  | 5.312  |           | ug/L |   | 93   | 55 - 150 | 4   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec     |  | RPD | Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|----------|--|-----|-------|
|                             |             |             |                |      |   |      | Limits   |  |     |       |
| 2-Chloronaphthalene         | 5.71        | 4.534       |                | ug/L |   | 79   | 39 - 141 |  | 0   | 30    |
| 2-Methylnaphthalene         | 5.71        | 4.823       |                | ug/L |   | 84   | 33 - 149 |  | 5   | 30    |
| 2-Methylphenol              | 5.71        | 5.211       |                | ug/L |   | 91   | 49 - 140 |  | 4   | 30    |
| 2-Nitroaniline              | 5.71        | 5.184       |                | ug/L |   | 91   | 42 - 150 |  | 1   | 30    |
| 2-Nitrophenol               | 5.71        | 5.548       |                | ug/L |   | 97   | 43 - 150 |  | 3   | 30    |
| 3 & 4 Methylphenol          | 5.71        | 4.144       |                | ug/L |   | 73   | 39 - 142 |  | 7   | 30    |
| 3-Nitroaniline              | 5.71        | 3.526       |                | ug/L |   | 62   | 25 - 130 |  | 2   | 30    |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 5.186       |                | ug/L |   | 91   | 10 - 150 |  | 7   | 30    |
| 4-Bromophenyl phenyl ether  | 5.71        | 5.161       |                | ug/L |   | 90   | 56 - 136 |  | 6   | 30    |
| 4-Chloro-3-methylphenol     | 5.71        | 4.593       |                | ug/L |   | 80   | 52 - 137 |  | 2   | 30    |
| 4-Chloroaniline             | 5.71        | 1.944       |                | ug/L |   | 34   | 10 - 95  |  | 0   | 30    |
| 4-Chlorophenyl phenyl ether | 5.71        | 4.914       |                | ug/L |   | 86   | 53 - 134 |  | 6   | 30    |
| 4-Nitroaniline              | 5.71        | 5.257       |                | ug/L |   | 92   | 45 - 148 |  | 14  | 30    |
| Acenaphthene                | 5.71        | 4.980       |                | ug/L |   | 87   | 48 - 136 |  | 6   | 30    |
| Acenaphthylene              | 5.71        | 4.738       |                | ug/L |   | 83   | 40 - 149 |  | 5   | 30    |
| Aniline                     | 5.71        | 0.6084      | J              | ug/L |   | 11   | 10 - 73  |  | 30  | 30    |
| Anthracene                  | 5.71        | 4.766       |                | ug/L |   | 83   | 51 - 146 |  | 2   | 30    |
| Benzo[a]anthracene          | 5.71        | 4.802       |                | ug/L |   | 84   | 43 - 145 |  | 4   | 30    |
| Benzo[a]pyrene              | 5.71        | 5.127       |                | ug/L |   | 90   | 52 - 136 |  | 4   | 30    |
| Benzo[b]fluoranthene        | 5.71        | 5.016       |                | ug/L |   | 88   | 45 - 140 |  | 3   | 30    |
| Benzo[g,h,i]perylene        | 5.71        | 4.820       | I              | ug/L |   | 84   | 44 - 137 |  | 6   | 30    |
| Benzo[k]fluoranthene        | 5.71        | 4.954       |                | ug/L |   | 87   | 37 - 140 |  | 8   | 30    |
| Benzyl alcohol              | 5.71        | 1.877       | J *- *1        | ug/L |   | 33   | 40 - 133 |  | 34  | 30    |
| Bis(2-chloroethoxy)methane  | 5.71        | 5.019       |                | ug/L |   | 88   | 52 - 143 |  | 6   | 30    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.150       |                | ug/L |   | 90   | 52 - 140 |  | 0   | 30    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.121       |                | ug/L |   | 72   | 50 - 140 |  | 4   | 30    |
| Butyl benzyl phthalate      | 5.71        | 4.677       |                | ug/L |   | 82   | 60 - 150 |  | 3   | 30    |
| Chrysene                    | 5.71        | 5.027       |                | ug/L |   | 88   | 47 - 137 |  | 4   | 30    |
| Dibenz(a,h)anthracene       | 5.71        | 4.993       |                | ug/L |   | 87   | 50 - 147 |  | 4   | 30    |
| Dibenzofuran                | 5.71        | 5.248       |                | ug/L |   | 92   | 52 - 139 |  | 6   | 30    |
| Diethyl phthalate           | 5.71        | 4.564       |                | ug/L |   | 80   | 55 - 137 |  | 2   | 30    |
| Dimethyl phthalate          | 5.71        | 4.776       |                | ug/L |   | 84   | 44 - 150 |  | 2   | 30    |
| Di-n-butyl phthalate        | 5.71        | 4.669       |                | ug/L |   | 82   | 49 - 146 |  | 0   | 30    |
| Di-n-octyl phthalate        | 5.71        | 5.243       |                | ug/L |   | 92   | 55 - 150 |  | 5   | 30    |
| Fluoranthene                | 5.71        | 4.530       |                | ug/L |   | 79   | 50 - 144 |  | 2   | 30    |
| Fluorene                    | 5.71        | 4.914       |                | ug/L |   | 86   | 54 - 136 |  | 5   | 30    |
| Hexachlorobenzene           | 5.71        | 4.708       |                | ug/L |   | 82   | 55 - 138 |  | 4   | 30    |
| Hexachlorobutadiene         | 5.71        | 4.660       |                | ug/L |   | 82   | 45 - 150 |  | 2   | 30    |
| Hexachlorocyclopentadiene   | 5.71        | 5.808       |                | ug/L |   | 102  | 24 - 150 |  | 7   | 30    |
| Hexachloroethane            | 5.71        | 4.892       |                | ug/L |   | 86   | 30 - 130 |  | 3   | 30    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.826       |                | ug/L |   | 84   | 46 - 138 |  | 4   | 30    |
| Isophorone                  | 5.71        | 4.726       |                | ug/L |   | 83   | 48 - 147 |  | 5   | 30    |
| Naphthalene                 | 5.71        | 4.726       |                | ug/L |   | 83   | 35 - 141 |  | 4   | 30    |
| Nitrobenzene                | 5.71        | 4.574       |                | ug/L |   | 80   | 52 - 141 |  | 8   | 30    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.802       |                | ug/L |   | 84   | 41 - 137 |  | 2   | 30    |
| N-Nitrosodiphenylamine      | 5.71        | 5.104       |                | ug/L |   | 89   | 51 - 135 |  | 5   | 30    |
| Pentachlorophenol           | 5.71        | 3.761       |                | ug/L |   | 66   | 33 - 150 |  | 16  | 30    |
| Phenanthrene                | 5.71        | 4.844       |                | ug/L |   | 85   | 54 - 141 |  | 3   | 30    |
| Phenol                      | 5.71        | 4.244       |                | ug/L |   | 74   | 40 - 145 |  | 1   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec     |  | RPD | Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|----------|--|-----|-------|
|                                |             |             |                |      |   |      | Limits   |  |     |       |
| Pyrene                         | 5.71        | 4.638       |                | ug/L |   | 81   | 50 - 143 |  | 5   | 30    |
| Pyridine                       | 5.71        | <0.837      | U *- *1        | ug/L |   | 3    | 10 - 84  |  | 94  | 30    |
| N-Nitro-o-toluidine            | 5.71        | 3.568       |                | ug/L |   | 62   | 29 - 141 |  | 4   | 30    |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 5.033       |                | ug/L |   | 88   | 60 - 150 |  | 5   | 30    |
| Acetophenone                   | 5.71        | 3.653       |                | ug/L |   | 64   | 52 - 136 |  | 0   | 30    |
| N-Nitrosopiperidine            | 5.71        | 3.937       |                | ug/L |   | 69   | 36 - 148 |  | 10  | 30    |
| Pentachlorobenzene             | 5.71        | 4.012       |                | ug/L |   | 70   | 52 - 128 |  | 6   | 30    |
| Diphenyl ether                 | 5.71        | 3.793       |                | ug/L |   | 66   | 46 - 130 |  | 3   | 30    |
| 1,1'-Biphenyl                  | 5.71        | 3.743       |                | ug/L |   | 66   | 39 - 142 |  | 5   | 30    |
| 4-Aminobiphenyl                | 5.71        | 1.721       |                | ug/L |   | 30   | 10 - 115 |  | 15  | 30    |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 4.027       |                | ug/L |   | 70   | 46 - 125 |  | 7   | 30    |
| 1,3,5-Trinitrobenzene          | 5.71        | 3.490       |                | ug/L |   | 61   | 42 - 130 |  | 5   | 30    |
| 1,3-Dinitrobenzene             | 5.71        | 5.802       |                | ug/L |   | 102  | 65 - 150 |  | 1   | 30    |
| 1,4-Naphthoquinone             | 5.71        | 3.709       |                | ug/L |   | 65   | 24 - 137 |  | 7   | 30    |
| 1-Naphthylamine                | 5.71        | 1.582       |                | ug/L |   | 28   | 10 - 130 |  | 10  | 30    |
| 2,6-Dichlorophenol             | 5.71        | 3.447       |                | ug/L |   | 60   | 42 - 145 |  | 1   | 30    |
| 2-Acetylaminofluorene          | 5.71        | 3.806       |                | ug/L |   | 67   | 45 - 150 |  | 10  | 30    |
| 2-Chlorophenol                 | 5.71        | 4.916       |                | ug/L |   | 86   | 51 - 143 |  | 0   | 30    |
| 2-Naphthylamine                | 5.71        | 1.651       |                | ug/L |   | 29   | 17 - 130 |  | 8   | 30    |
| 2-Picoline                     | 5.71        | <1.03       | U *- *1        | ug/L |   | 2    | 10 - 143 |  | 63  | 30    |
| 2-Toluidine                    | 5.71        | 1.632       |                | ug/L |   | 29   | 10 - 130 |  | 2   | 30    |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.6514      | J              | ug/L |   | 11   | 10 - 128 |  | 11  | 30    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295      | U *- *1        | ug/L |   | 3    | 10 - 130 |  | 63  | 30    |
| 3-Methylcholanthrene           | 5.71        | 3.641       |                | ug/L |   | 64   | 53 - 130 |  | 2   | 30    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.072       |                | ug/L |   | 71   | 20 - 140 |  | 1   | 30    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.650       |                | ug/L |   | 64   | 27 - 146 |  | 4   | 30    |
| Aramite Peak 1                 | 2.86        | 2.169       |                | ug/L |   | 76   | 45 - 150 |  | 7   | 30    |
| Aramite Peak 2                 | 2.86        | 1.902       |                | ug/L |   | 67   | 45 - 150 |  | 3   | 30    |
| Diallate Peak 1                | 4.23        | 2.873       |                | ug/L |   | 68   | 47 - 150 |  | 3   | 30    |
| Diallate Peak 2                | 1.49        | 1.065       |                | ug/L |   | 72   | 53 - 142 |  | 2   | 30    |
| Ethyl methanesulfonate         | 5.71        | 3.730       |                | ug/L |   | 65   | 45 - 138 |  | 1   | 30    |
| Hexachloropropene              | 5.71        | 4.497       |                | ug/L |   | 79   | 35 - 140 |  | 5   | 30    |
| Isosafrole                     | 5.71        | 3.851       |                | ug/L |   | 67   | 47 - 137 |  | 4   | 30    |
| Isosafrole Peak 1              | 0.914       | 0.6359      |                | ug/L |   | 70   | 48 - 132 |  | 9   | 30    |
| Isosafrole Peak 2              | 4.80        | 3.215       |                | ug/L |   | 67   | 47 - 137 |  | 3   | 30    |
| Methyl methanesulfonate        | 5.71        | 3.830       |                | ug/L |   | 67   | 33 - 140 |  | 2   | 30    |
| N-Nitrosodiethylamine          | 5.71        | 3.906       |                | ug/L |   | 68   | 50 - 136 |  | 1   | 30    |
| N-Nitrosodimethylamine         | 5.71        | 5.038       |                | ug/L |   | 88   | 33 - 148 |  | 1   | 30    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.355       |                | ug/L |   | 76   | 30 - 150 |  | 3   | 30    |
| N-Nitrosomethylethylamine      | 5.71        | 3.892       |                | ug/L |   | 68   | 30 - 148 |  | 2   | 30    |
| N-Nitrosomorpholine            | 5.71        | 3.849       |                | ug/L |   | 67   | 40 - 140 |  | 0   | 30    |
| N-Nitrosopyrrolidine           | 5.71        | 3.725       |                | ug/L |   | 65   | 20 - 130 |  | 3   | 30    |
| p-Dimethylamino azobenzene     | 5.71        | 3.925       |                | ug/L |   | 69   | 16 - 150 |  | 2   | 30    |
| Pentachloronitrobenzene        | 5.71        | 4.857       |                | ug/L |   | 85   | 38 - 145 |  | 14  | 30    |
| Phenacetin                     | 5.71        | 3.719       |                | ug/L |   | 65   | 50 - 150 |  | 4   | 30    |
| p-Phenylene diamine            | 5.71        | <5.71       | U *-           | ug/L |   | 0    | 5 - 112  |  | NC  | 30    |
| Pronamide                      | 5.71        | 4.288       |                | ug/L |   | 75   | 60 - 150 |  | 8   | 30    |
| Safrole, Total                 | 5.71        | 3.717       | *-             | ug/L |   | 65   | 70 - 130 |  | 4   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Surrogate                   | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|-----------------------------|-------------------|-------------------|----------|
| 2,4,6-Tribromophenol (Surr) | 70                |                   | 26 - 136 |
| 2-Fluorobiphenyl            | 78                |                   | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71                |                   | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 77                |                   | 32 - 133 |
| Phenol-d5 (Surr)            | 70                |                   | 8 - 124  |
| p-Terphenyl-d14             | 72                |                   | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                                | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|----------------------------------------|----------------|----------------|-------------------|------|---|------|----------------|-----|--------------|
| alpha,alpha-Dimethyl<br>phenethylamine | 5.71           | <1.45          | U                 | ug/L |   |      | -              |     |              |

| Surrogate                   | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits |
|-----------------------------|-------------------|-------------------|--------|
| 2,4,6-Tribromophenol (Surr) |                   |                   |        |
| 2-Fluorobiphenyl            |                   |                   |        |
| 2-Fluorophenol (Surr)       |                   |                   |        |
| Nitrobenzene-d5 (Surr)      |                   |                   |        |
| Phenol-d5 (Surr)            |                   |                   |        |
| p-Terphenyl-d14             |                   |                   |        |

Lab Sample ID: LCSD 860-275662/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|----------------------------------|----------------|----------------|-------------------|------|---|------|----------------|-----|--------------|
| Dimethoate                       | 2.86           | 9.114          | *+                | ug/L |   | 319  | 70 - 150       | 0   | 30           |
| Dinoseb                          | 5.71           | 9.967          | *+                | ug/L |   | 174  | 10 - 150       | 6   | 30           |
| Disulfoton                       | 2.86           | 8.292          | *+                | ug/L |   | 290  | 80 - 150       | 8   | 30           |
| Ethyl Parathion                  | 2.86           | 8.322          | *+                | ug/L |   | 291  | 70 - 150       | 3   | 30           |
| Famphur                          | 2.86           | 3.839          |                   | ug/L |   | 134  | 10 - 150       | 2   | 30           |
| Methapyrilene                    | 5.71           | 9.428          | *+                | ug/L |   | 165  | 10 - 150       | 19  | 30           |
| Methyl parathion                 | 2.86           | 8.341          | *+                | ug/L |   | 292  | 80 - 150       | 4   | 30           |
| o,o',o"-Triethylphosphorothioate | 2.86           | 2.839          |                   | ug/L |   | 99   | 38 - 150       | 0   | 30           |
| Phorate                          | 2.86           | 8.167          | *+                | ug/L |   | 286  | 65 - 150       | 1   | 30           |
| Sulfotepp                        | 2.86           | 8.107          | *+                | ug/L |   | 284  | 28 - 150       | 3   | 30           |
| Thionazin                        | 2.86           | 4.122          | *+                | ug/L |   | 144  | 40 - 140       | 1   | 30           |

| Surrogate                   | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|-----------------------------|-------------------|-------------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75                |                   | 26 - 136 |
| 2-Fluorobiphenyl            | 81                |                   | 39 - 130 |
| 2-Fluorophenol (Surr)       | 78                |                   | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 80                |                   | 32 - 133 |
| Phenol-d5 (Surr)            | 73                |                   | 8 - 124  |
| p-Terphenyl-d14             | 75                |                   | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Sample  | Sample    | Spike | MS     | MS        | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------|-----------|-------|--------|-----------|------|---|------|-------------|
|                              | Result  | Qualifier | Added | Result | Qualifier |      |   |      |             |
| 1,2,4-Trichlorobenzene       | <0.119  | U         | 5.68  | 4.849  |           | ug/L |   | 85   | 55 - 120    |
| 1,2-Dichlorobenzene          | 0.249   | J         | 5.68  | 5.536  |           | ug/L |   | 93   | 65 - 130    |
| 1,3-Dichlorobenzene          | <0.106  | U         | 5.68  | 5.004  |           | ug/L |   | 88   | 26 - 130    |
| 1,4-Dichlorobenzene          | 0.394   | J         | 5.68  | 5.343  |           | ug/L |   | 87   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | <1.82   | U         | 5.68  | 8.155  |           | ug/L |   | 144  | 65 - 145    |
| 2,4,5-Trichlorophenol        | <0.424  | U F1      | 5.68  | 10.70  | F1        | ug/L |   | 188  | 58 - 150    |
| 2,4,6-Trichlorophenol        | <0.115  | U F1      | 5.68  | 10.27  | F1        | ug/L |   | 181  | 39 - 145    |
| 2,4-Dichlorophenol           | <0.124  | U         | 5.68  | 8.338  |           | ug/L |   | 147  | 60 - 147    |
| 2,4-Dimethylphenol           | <0.110  | U F1      | 5.68  | 8.941  | F1        | ug/L |   | 157  | 58 - 140    |
| 1,4-Dioxane                  | 4.11    |           | 5.68  | 6.308  |           | ug/L |   | 39   | 31 - 145    |
| 2,4-Dinitrophenol            | <1.36   | U         | 5.68  | 4.600  | J         | ug/L |   | 81   | 10 - 150    |
| 2,4-Dinitrotoluene           | <0.504  | U F1      | 5.68  | 8.788  | F1        | ug/L |   | 155  | 29 - 150    |
| 2,6-Dinitrotoluene           | <0.268  | U F1      | 5.68  | 9.284  | F1        | ug/L |   | 163  | 55 - 150    |
| 2-Chloronaphthalene          | <0.116  | U         | 5.68  | 6.418  |           | ug/L |   | 113  | 39 - 141    |
| 2-Methylnaphthalene          | <0.107  | U         | 5.68  | 6.568  |           | ug/L |   | 116  | 33 - 149    |
| 2-Methylphenol               | <0.107  | U         | 5.68  | 7.305  |           | ug/L |   | 129  | 49 - 140    |
| 2-Nitroaniline               | <0.155  | U F1      | 5.68  | 10.23  | F1        | ug/L |   | 180  | 42 - 150    |
| 2-Nitrophenol                | <0.135  | U F1      | 5.68  | 9.580  | F1        | ug/L |   | 169  | 43 - 150    |
| 3 & 4 Methylphenol           | <0.0928 | U         | 5.68  | 5.937  |           | ug/L |   | 104  | 55 - 142    |
| 3-Nitroaniline               | <0.219  | U         | 5.68  | 4.639  |           | ug/L |   | 82   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol   | <1.21   | U         | 5.68  | 6.507  |           | ug/L |   | 115  | 10 - 150    |
| 4-Bromophenyl phenyl ether   | <0.104  | U F1      | 5.68  | 8.546  | F1        | ug/L |   | 150  | 56 - 136    |
| 4-Chloro-3-methylphenol      | <0.117  | U F1      | 5.68  | 9.440  | F1        | ug/L |   | 166  | 52 - 137    |
| 4-Chloroaniline              | <0.0866 | U         | 5.68  | 3.330  |           | ug/L |   | 59   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | <0.0938 | U         | 5.68  | 7.278  |           | ug/L |   | 128  | 53 - 134    |
| 4-Nitroaniline               | <0.266  | U         | 5.68  | 6.407  |           | ug/L |   | 113  | 45 - 148    |
| Acenaphthene                 | 0.965   |           | 5.68  | 8.231  |           | ug/L |   | 128  | 48 - 136    |
| Acenaphthylene               | <0.123  | U         | 5.68  | 8.158  |           | ug/L |   | 144  | 40 - 149    |
| Aniline                      | <0.442  | U *-      | 5.68  | 1.680  |           | ug/L |   | 30   | 10 - 73     |
| Anthracene                   | <0.102  | U F1      | 5.68  | 8.873  | F1        | ug/L |   | 156  | 51 - 146    |
| Benzo[a]anthracene           | <0.125  | U F1      | 5.68  | 9.541  | I F1      | ug/L |   | 168  | 43 - 145    |
| Benzo[a]pyrene               | <0.105  | U F1      | 5.68  | 8.565  | F1        | ug/L |   | 151  | 52 - 136    |
| Benzo[b]fluoranthene         | <0.122  | U F1      | 5.68  | 9.625  | F1        | ug/L |   | 169  | 45 - 140    |
| Benzo[g,h,i]perylene         | <0.0888 | U         | 5.68  | 6.383  |           | ug/L |   | 112  | 44 - 137    |
| Benzo[k]fluoranthene         | <0.121  | U F1      | 5.68  | 8.530  | F1        | ug/L |   | 150  | 37 - 140    |
| Benzyl alcohol               | <0.220  | U *- *1   | 5.68  | 3.403  |           | ug/L |   | 60   | 40 - 133    |
| Bis(2-chloroethoxy)methane   | <0.106  | U F1      | 5.68  | 8.464  | F1        | ug/L |   | 149  | 52 - 143    |
| Bis(2-chloroethyl)ether      | 0.687   | F1        | 5.68  | 8.672  | F1        | ug/L |   | 141  | 52 - 140    |
| Bis(2-ethylhexyl) phthalate  | 0.735   | J F1      | 5.68  | 13.53  | F1        | ug/L |   | 225  | 50 - 140    |
| Butyl benzyl phthalate       | <0.330  | U F1      | 5.68  | 13.78  | F1        | ug/L |   | 242  | 60 - 150    |
| Chrysene                     | <0.0949 | U         | 5.68  | 7.692  |           | ug/L |   | 135  | 47 - 137    |
| Dibenz(a,h)anthracene        | <0.0836 | U         | 5.68  | 7.233  |           | ug/L |   | 127  | 50 - 147    |
| Dibenzofuran                 | <0.110  | U F1      | 5.68  | 7.996  | F1        | ug/L |   | 141  | 52 - 139    |
| Diethyl phthalate            | <0.184  | U F1      | 5.68  | 8.681  | F1        | ug/L |   | 153  | 55 - 137    |
| Dimethyl phthalate           | <0.131  | U F1      | 5.68  | 9.297  | F1        | ug/L |   | 164  | 44 - 150    |
| Di-n-butyl phthalate         | <0.649  | U F1      | 5.68  | 10.85  | F1        | ug/L |   | 191  | 49 - 146    |
| Di-n-octyl phthalate         | <0.281  | U F1      | 5.68  | 14.66  | F1        | ug/L |   | 258  | 55 - 150    |
| Fluoranthene                 | <0.118  | U F1      | 5.68  | 9.637  | F1        | ug/L |   | 170  | 50 - 144    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                            | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Fluorene                           | 0.146         | J                | 5.68        | 7.694     |              | ug/L |   | 133  | 54 - 136    |
| Hexachlorobenzene                  | <0.130        | U F1             | 5.68        | 8.095     | F1           | ug/L |   | 142  | 55 - 138    |
| Hexachlorobutadiene                | <0.159        | U                | 5.68        | 3.988     |              | ug/L |   | 70   | 45 - 150    |
| Hexachlorocyclopentadiene          | <0.176        | U                | 5.68        | 2.895     |              | ug/L |   | 51   | 24 - 150    |
| Hexachloroethane                   | <0.123        | U                | 5.68        | 4.120     |              | ug/L |   | 73   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene             | <0.101        | U                | 5.68        | 7.587     |              | ug/L |   | 134  | 46 - 138    |
| Isophorone                         | <0.104        | U F1             | 5.68        | 9.317     | F1           | ug/L |   | 164  | 48 - 147    |
| Naphthalene                        | <0.112        | U                | 5.68        | 6.121     |              | ug/L |   | 108  | 35 - 141    |
| Nitrobenzene                       | <0.150        | U F1             | 5.68        | 9.529     | F1           | ug/L |   | 168  | 52 - 141    |
| N-Nitrosodi-n-propylamine          | <0.145        | U F1             | 5.68        | 8.716     | F1           | ug/L |   | 153  | 41 - 137    |
| N-Nitrosodiphenylamine             | <0.110        | U F1             | 5.68        | 9.514     | F1           | ug/L |   | 167  | 51 - 135    |
| Pentachlorophenol                  | <0.307        | U F1             | 5.68        | 12.59     | F1           | ug/L |   | 222  | 33 - 150    |
| Phenanthrene                       | <0.105        | U F1             | 5.68        | 8.277     | F1           | ug/L |   | 146  | 54 - 141    |
| Phenol                             | 3.38          |                  | 5.68        | 7.642     |              | ug/L |   | 75   | 40 - 145    |
| Pyrene                             | <0.127        | U F1             | 5.68        | 9.178     | I F1         | ug/L |   | 162  | 50 - 143    |
| Pyridine                           | <0.822        | U *- *1          | 5.68        | 1.171     | J            | ug/L |   | 21   | 10 - 84     |
| N-Nitro-o-toluidine                | <0.640        | U                | 5.68        | 5.148     |              | ug/L |   | 91   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol          | <0.249        | U F1             | 5.68        | 10.35     | F1           | ug/L |   | 182  | 60 - 150    |
| Acetophenone                       | <0.136        | U                | 5.68        | 6.855     |              | ug/L |   | 121  | 52 - 136    |
| N-Nitrosopiperidine                | <0.620        | U                | 5.68        | 6.896     |              | ug/L |   | 121  | 36 - 148    |
| Pentachlorobenzene                 | <0.123        | U                | 5.68        | 5.137     |              | ug/L |   | 90   | 52 - 128    |
| 1,1'-Biphenyl                      | <0.111        | U                | 5.68        | 5.147     |              | ug/L |   | 91   | 39 - 142    |
| 4-Aminobiphenyl                    | <0.192        | U                | 5.68        | 2.533     |              | ug/L |   | 45   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene         | <0.113        | U                | 5.68        | 4.074     |              | ug/L |   | 72   | 46 - 125    |
| 1,3,5-Trinitrobenzene              | <0.642        | U                | 5.68        | 4.966     |              | ug/L |   | 87   | 42 - 130    |
| 1,3-Dinitrobenzene                 | <0.577        | U F1             | 5.68        | 8.998     | F1           | ug/L |   | 158  | 65 - 150    |
| 1,4-Naphthoquinone                 | <0.0602       | U                | 5.68        | 7.187     |              | ug/L |   | 126  | 24 - 137    |
| 1-Naphthylamine                    | <0.265        | U F2 *-          | 5.68        | 1.749     |              | ug/L |   | 31   | 10 - 78     |
| 2,6-Dichlorophenol                 | <0.0956       | U                | 5.68        | 7.043     |              | ug/L |   | 124  | 42 - 145    |
| 2-Acetylaminofluorene              | <1.68         | U F1             | 5.68        | 12.34     | F1           | ug/L |   | 217  | 45 - 150    |
| 2-Chlorophenol                     | <0.101        | U                | 5.68        | 7.506     |              | ug/L |   | 132  | 51 - 143    |
| 2-Naphthylamine                    | <0.405        | U                | 5.68        | 1.801     |              | ug/L |   | 32   | 17 - 92     |
| 2-Picoline                         | <1.01         | U *- F1 *1       | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine                        | <0.417        | U                | 5.68        | 2.557     |              | ug/L |   | 45   | 10 - 79     |
| 3,3'-Dichlorobenzidine             | <0.639        | U                | 5.68        | 3.266     |              | ug/L |   | 57   | 10 - 128    |
| 3,3'-Dimethylbenzidine             | <0.290        | U *- F1 *1       | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene               | <0.0867       | U                | 5.68        | 6.538     |              | ug/L |   | 115  | 53 - 130    |
| 4-Nitroquinoline-1-oxide           | <0.626        | U                | 5.68        | 2.341     |              | ug/L |   | 41   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene     | <0.126        | U                | 5.68        | 7.653     |              | ug/L |   | 135  | 27 - 146    |
| alpha,alpha-Dimethylphenethylamine | <1.43         | U *- F1          | 5.68        | <1.44     | U F1         | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1                     | <0.181        | U F1             | 2.84        | 5.280     | F1           | ug/L |   | 186  | 45 - 150    |
| Aramite Peak 2                     | <0.199        | U F1             | 2.84        | 4.378     | F1           | ug/L |   | 154  | 45 - 150    |
| Diallate Peak 1                    | <0.0735       | U                | 4.20        | 5.542     |              | ug/L |   | 132  | 47 - 150    |
| Diallate Peak 2                    | <0.0294       | U                | 1.48        | 2.022     |              | ug/L |   | 137  | 53 - 142    |
| Ethyl methanesulfonate             | <0.182        | U                | 5.68        | 3.950     |              | ug/L |   | 70   | 45 - 138    |
| Hexachloropropene                  | <0.562        | U                | 5.68        | 2.440     |              | ug/L |   | 43   | 35 - 140    |
| Isosafrole                         | <0.0227       | U                | 5.68        | 6.329     |              | ug/L |   | 111  | 47 - 137    |
| Isosafrole Peak 1                  | <0.0227       | U                | 0.909       | 1.003     |              | ug/L |   | 110  | 48 - 132    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                    | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isosafrole Peak 2          | <0.0968       | U                | 4.77        | 5.326     |              | ug/L |   | 112  | 47 - 137    |
| Methyl methanesulfonate    | <0.183        | U F1             | 5.68        | 1.652     | F1           | ug/L |   | 29   | 33 - 140    |
| N-Nitrosodiethylamine      | <0.662        | U                | 5.68        | 5.693     |              | ug/L |   | 100  | 50 - 136    |
| N-Nitrosodi-n-butylamine   | <0.711        | U F1             | 5.68        | 9.352     | F1           | ug/L |   | 165  | 30 - 150    |
| N-Nitrosomethylethylamine  | <0.689        | U                | 5.68        | 3.476     |              | ug/L |   | 61   | 30 - 148    |
| N-Nitrosomorpholine        | <0.701        | U                | 5.68        | 2.802     |              | ug/L |   | 49   | 40 - 140    |
| N-Nitrosopyrrolidine       | <0.107        | U                | 5.68        | 3.074     |              | ug/L |   | 54   | 20 - 130    |
| p-Dimethylamino azobenzene | <0.152        | U F1             | 5.68        | 9.335     | F1           | ug/L |   | 164  | 16 - 150    |
| Pentachloronitrobenzene    | <0.248        | U F1             | 5.68        | 8.653     | F1           | ug/L |   | 152  | 38 - 145    |
| Phenacetin                 | <0.248        | U                | 5.68        | 7.601     |              | ug/L |   | 134  | 50 - 150    |
| p-Phenylene diamine        | <5.62         | U *- F1          | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |
| Pronamide                  | <0.132        | U                | 5.68        | 8.174     |              | ug/L |   | 144  | 60 - 150    |
| Safrole, Total             | <0.0905       | U *-             | 5.68        | 6.141     |              | ug/L |   | 108  | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | MS Limits |
|-----------------------------|--------------|--------------|-----------|
| 2,4,6-Tribromophenol (Surr) | 150          | S1+          | 26 - 136  |
| 2-Fluorobiphenyl            | 105          |              | 39 - 130  |
| 2-Fluorophenol (Surr)       | 54           |              | 19 - 120  |
| Nitrobenzene-d5 (Surr)      | 136          | S1+          | 32 - 133  |
| Phenol-d5 (Surr)            | 33           |              | 8 - 124   |
| p-Terphenyl-d14             | 116          |              | 28 - 130  |

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | <0.119        | U                | 5.70        | 4.468      |               | ug/L |   | 78   | 55 - 120    | 8   | 30        |
| 1,2-Dichlorobenzene          | 0.249         | J                | 5.70        | 5.003      |               | ug/L |   | 83   | 65 - 130    | 10  | 30        |
| 1,3-Dichlorobenzene          | <0.106        | U                | 5.70        | 4.504      |               | ug/L |   | 79   | 26 - 130    | 11  | 30        |
| 1,4-Dichlorobenzene          | 0.394         | J                | 5.70        | 4.870      |               | ug/L |   | 79   | 60 - 150    | 9   | 30        |
| 2,2'-oxybis[1-chloropropane] | <1.82         | U                | 5.70        | 7.331      |               | ug/L |   | 129  | 65 - 145    | 11  | 30        |
| 2,4,5-Trichlorophenol        | <0.424        | U F1             | 5.70        | 9.866      | F1            | ug/L |   | 173  | 58 - 150    | 8   | 30        |
| 2,4,6-Trichlorophenol        | <0.115        | U F1             | 5.70        | 9.417      | F1            | ug/L |   | 165  | 39 - 145    | 9   | 30        |
| 2,4-Dichlorophenol           | <0.124        | U                | 5.70        | 7.607      |               | ug/L |   | 134  | 60 - 147    | 9   | 30        |
| 2,4-Dimethylphenol           | <0.110        | U F1             | 5.70        | 8.145      | F1            | ug/L |   | 143  | 58 - 140    | 9   | 30        |
| 1,4-Dioxane                  | 4.11          |                  | 5.70        | 6.127      |               | ug/L |   | 35   | 31 - 145    | 3   | 30        |
| 2,4-Dinitrophenol            | <1.36         | U                | 5.70        | 3.725      | J             | ug/L |   | 65   | 10 - 150    | 21  | 30        |
| 2,4-Dinitrotoluene           | <0.504        | U F1             | 5.70        | 8.100      |               | ug/L |   | 142  | 29 - 150    | 8   | 30        |
| 2,6-Dinitrotoluene           | <0.268        | U F1             | 5.70        | 8.726      | F1            | ug/L |   | 153  | 55 - 150    | 6   | 30        |
| 2-Chloronaphthalene          | <0.116        | U                | 5.70        | 5.891      |               | ug/L |   | 103  | 39 - 141    | 9   | 30        |
| 2-Methylnaphthalene          | <0.107        | U                | 5.70        | 6.033      |               | ug/L |   | 106  | 33 - 149    | 9   | 30        |
| 2-Methylphenol               | <0.107        | U                | 5.70        | 6.769      |               | ug/L |   | 119  | 49 - 140    | 8   | 30        |
| 2-Nitroaniline               | <0.155        | U F1             | 5.70        | 9.603      | F1            | ug/L |   | 169  | 42 - 150    | 6   | 30        |
| 2-Nitrophenol                | <0.135        | U F1             | 5.70        | 8.637      | F1            | ug/L |   | 152  | 43 - 150    | 10  | 30        |
| 3 & 4 Methylphenol           | <0.0928       | U                | 5.70        | 5.516      |               | ug/L |   | 97   | 55 - 142    | 7   | 30        |
| 3-Nitroaniline               | <0.219        | U                | 5.70        | 5.162      |               | ug/L |   | 91   | 25 - 119    | 11  | 30        |
| 4,6-Dinitro-2-methylphenol   | <1.21         | U                | 5.70        | 5.933      |               | ug/L |   | 104  | 10 - 150    | 9   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 4-Bromophenyl phenyl ether  | <0.104        | U F1             | 5.70        | 7.913      | F1            | ug/L |   | 139  | 56 - 136    | 8   | 30        |
| 4-Chloro-3-methylphenol     | <0.117        | U F1             | 5.70        | 8.496      | F1            | ug/L |   | 149  | 52 - 137    | 11  | 30        |
| 4-Chloroaniline             | <0.0866       | U                | 5.70        | 3.919      |               | ug/L |   | 69   | 10 - 95     | 16  | 30        |
| 4-Chlorophenyl phenyl ether | <0.0938       | U                | 5.70        | 6.693      |               | ug/L |   | 117  | 53 - 134    | 8   | 30        |
| 4-Nitroaniline              | <0.266        | U                | 5.70        | 6.318      |               | ug/L |   | 111  | 45 - 148    | 1   | 30        |
| Acenaphthene                | 0.965         |                  | 5.70        | 7.630      |               | ug/L |   | 117  | 48 - 136    | 8   | 30        |
| Acenaphthylene              | <0.123        | U                | 5.70        | 7.576      |               | ug/L |   | 133  | 40 - 149    | 7   | 30        |
| Aniline                     | <0.442        | U *-             | 5.70        | 1.774      |               | ug/L |   | 31   | 10 - 73     | 5   | 30        |
| Anthracene                  | <0.102        | U F1             | 5.70        | 8.351      | F1            | ug/L |   | 147  | 51 - 146    | 6   | 30        |
| Benzo[a]anthracene          | <0.125        | U F1             | 5.70        | 8.794      | F1            | ug/L |   | 154  | 43 - 145    | 8   | 30        |
| Benzo[a]pyrene              | <0.105        | U F1             | 5.70        | 7.903      | F1            | ug/L |   | 139  | 52 - 136    | 8   | 30        |
| Benzo[b]fluoranthene        | <0.122        | U F1             | 5.70        | 9.362      | F1            | ug/L |   | 164  | 45 - 140    | 3   | 30        |
| Benzo[g,h,i]perylene        | <0.0888       | U                | 5.70        | 5.906      |               | ug/L |   | 104  | 44 - 137    | 8   | 30        |
| Benzo[k]fluoranthene        | <0.121        | U F1             | 5.70        | 7.803      |               | ug/L |   | 137  | 37 - 140    | 9   | 30        |
| Benzyl alcohol              | <0.220        | U *- *1          | 5.70        | 2.794      | J             | ug/L |   | 49   | 40 - 133    | 20  | 30        |
| Bis(2-chloroethoxy)methane  | <0.106        | U F1             | 5.70        | 7.666      |               | ug/L |   | 135  | 52 - 143    | 10  | 30        |
| Bis(2-chloroethyl)ether     | 0.687         | F1               | 5.70        | 7.892      |               | ug/L |   | 126  | 52 - 140    | 9   | 30        |
| Bis(2-ethylhexyl) phthalate | 0.735         | J F1             | 5.70        | 12.82      | F1            | ug/L |   | 212  | 50 - 140    | 5   | 30        |
| Butyl benzyl phthalate      | <0.330        | U F1             | 5.70        | 13.49      | F1            | ug/L |   | 237  | 60 - 150    | 2   | 30        |
| Chrysene                    | <0.0949       | U                | 5.70        | 7.293      |               | ug/L |   | 128  | 47 - 137    | 5   | 30        |
| Dibenz(a,h)anthracene       | <0.0836       | U                | 5.70        | 6.638      |               | ug/L |   | 116  | 50 - 147    | 9   | 30        |
| Dibenzofuran                | <0.110        | U F1             | 5.70        | 7.229      |               | ug/L |   | 127  | 52 - 139    | 10  | 30        |
| Diethyl phthalate           | <0.184        | U F1             | 5.70        | 8.305      | F1            | ug/L |   | 146  | 55 - 137    | 4   | 30        |
| Dimethyl phthalate          | <0.131        | U F1             | 5.70        | 8.703      | F1            | ug/L |   | 153  | 44 - 150    | 7   | 30        |
| Di-n-butyl phthalate        | <0.649        | U F1             | 5.70        | 10.33      | F1            | ug/L |   | 181  | 49 - 146    | 5   | 30        |
| Di-n-octyl phthalate        | <0.281        | U F1             | 5.70        | 13.76      | F1            | ug/L |   | 242  | 55 - 150    | 6   | 30        |
| Fluoranthene                | <0.118        | U F1             | 5.70        | 9.103      | F1            | ug/L |   | 160  | 50 - 144    | 6   | 30        |
| Fluorene                    | 0.146         | J                | 5.70        | 7.125      |               | ug/L |   | 122  | 54 - 136    | 8   | 30        |
| Hexachlorobenzene           | <0.130        | U F1             | 5.70        | 7.431      |               | ug/L |   | 130  | 55 - 138    | 9   | 30        |
| Hexachlorobutadiene         | <0.159        | U                | 5.70        | 3.601      |               | ug/L |   | 63   | 45 - 150    | 10  | 30        |
| Hexachlorocyclopentadiene   | <0.176        | U                | 5.70        | 2.570      |               | ug/L |   | 45   | 24 - 150    | 12  | 30        |
| Hexachloroethane            | <0.123        | U                | 5.70        | 3.667      |               | ug/L |   | 64   | 30 - 130    | 12  | 30        |
| Indeno[1,2,3-cd]pyrene      | <0.101        | U                | 5.70        | 7.183      |               | ug/L |   | 126  | 46 - 138    | 5   | 30        |
| Isophorone                  | <0.104        | U F1             | 5.70        | 8.490      | F1            | ug/L |   | 149  | 48 - 147    | 9   | 30        |
| Naphthalene                 | <0.112        | U                | 5.70        | 5.671      |               | ug/L |   | 100  | 35 - 141    | 8   | 30        |
| Nitrobenzene                | <0.150        | U F1             | 5.70        | 8.680      | F1            | ug/L |   | 152  | 52 - 141    | 9   | 30        |
| N-Nitrosodi-n-propylamine   | <0.145        | U F1             | 5.70        | 8.119      | F1            | ug/L |   | 142  | 41 - 137    | 7   | 30        |
| N-Nitrosodiphenylamine      | <0.110        | U F1             | 5.70        | 8.502      | F1            | ug/L |   | 149  | 51 - 135    | 11  | 30        |
| Pentachlorophenol           | <0.307        | U F1             | 5.70        | 11.56      | F1            | ug/L |   | 203  | 33 - 150    | 8   | 30        |
| Phenanthrene                | <0.105        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 54 - 141    | 5   | 30        |
| Phenol                      | 3.38          |                  | 5.70        | 7.316      |               | ug/L |   | 69   | 40 - 145    | 4   | 30        |
| Pyrene                      | <0.127        | U F1             | 5.70        | 8.476      | F1            | ug/L |   | 149  | 50 - 143    | 8   | 30        |
| Pyridine                    | <0.822        | U *- *1          | 5.70        | 1.452      | J             | ug/L |   | 25   | 10 - 84     | 21  | 30        |
| N-Nitro-o-toluidine         | <0.640        | U                | 5.70        | 5.239      |               | ug/L |   | 92   | 29 - 141    | 2   | 30        |
| 2,3,4,6-Tetrachlorophenol   | <0.249        | U F1             | 5.70        | 9.191      | F1            | ug/L |   | 161  | 60 - 150    | 12  | 30        |
| Acetophenone                | <0.136        | U                | 5.70        | 6.234      |               | ug/L |   | 109  | 52 - 136    | 9   | 30        |
| N-Nitrosopiperidine         | <0.620        | U                | 5.70        | 6.420      |               | ug/L |   | 113  | 36 - 148    | 7   | 30        |
| Pentachlorobenzene          | <0.123        | U                | 5.70        | 4.660      |               | ug/L |   | 82   | 52 - 128    | 10  | 30        |
| 1,1'-Biphenyl               | <0.111        | U                | 5.70        | 4.799      |               | ug/L |   | 84   | 39 - 142    | 7   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                            | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 4-Aminobiphenyl                    | <0.192        | U                | 5.70        | 3.025      |               | ug/L |   | 53   | 10 - 115    | 18  | 30        |
| 1,2,4,5-Tetrachlorobenzene         | <0.113        | U                | 5.70        | 3.698      |               | ug/L |   | 65   | 46 - 125    | 10  | 30        |
| 1,3,5-Trinitrobenzene              | <0.642        | U                | 5.70        | 4.569      |               | ug/L |   | 80   | 42 - 130    | 8   | 30        |
| 1,3-Dinitrobenzene                 | <0.577        | U F1             | 5.70        | 8.402      |               | ug/L |   | 147  | 65 - 150    | 7   | 30        |
| 1,4-Naphthoquinone                 | <0.0602       | U                | 5.70        | 6.686      |               | ug/L |   | 117  | 24 - 137    | 7   | 30        |
| 1-Naphthylamine                    | <0.265        | U F2 *           | 5.70        | 2.951      | F2            | ug/L |   | 52   | 10 - 78     | 51  | 30        |
| 2,6-Dichlorophenol                 | <0.0956       | U                | 5.70        | 6.501      |               | ug/L |   | 114  | 42 - 145    | 8   | 30        |
| 2-Acetylaminofluorene              | <1.68         | U F1             | 5.70        | 11.81      | F1            | ug/L |   | 207  | 45 - 150    | 4   | 30        |
| 2-Chlorophenol                     | <0.101        | U                | 5.70        | 7.000      |               | ug/L |   | 123  | 51 - 143    | 7   | 30        |
| 2-Naphthylamine                    | <0.405        | U                | 5.70        | 2.327      |               | ug/L |   | 41   | 17 - 92     | 25  | 30        |
| 2-Picoline                         | <1.01         | U *- F1 *1       | 5.70        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine                        | <0.417        | U                | 5.70        | 2.659      |               | ug/L |   | 47   | 10 - 79     | 4   | 30        |
| 3,3'-Dichlorobenzidine             | <0.639        | U                | 5.70        | 4.073      |               | ug/L |   | 71   | 10 - 128    | 22  | 30        |
| 3,3'-Dimethylbenzidine             | <0.290        | U *- F1 *1       | 5.70        | <0.294     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene               | <0.0867       | U                | 5.70        | 6.017      |               | ug/L |   | 106  | 53 - 130    | 8   | 30        |
| 4-Nitroquinoline-1-oxide           | <0.626        | U                | 5.70        | 2.346      |               | ug/L |   | 41   | 20 - 140    | 0   | 30        |
| 7,12-Dimethylbenz(a)anthracene     | <0.126        | U                | 5.70        | 7.322      |               | ug/L |   | 129  | 27 - 146    | 4   | 30        |
| alpha,alpha-Dimethylphenethylamine | <1.43         | U *- F1          | 5.70        | <1.45      | U F1          | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1                     | <0.181        | U F1             | 2.85        | 4.824      | F1            | ug/L |   | 169  | 45 - 150    | 9   | 30        |
| Aramite Peak 2                     | <0.199        | U F1             | 2.85        | 3.884      |               | ug/L |   | 136  | 45 - 150    | 12  | 30        |
| Diallate Peak 1                    | <0.0735       | U                | 4.22        | 5.156      |               | ug/L |   | 122  | 47 - 150    | 7   | 30        |
| Diallate Peak 2                    | <0.0294       | U                | 1.48        | 1.836      |               | ug/L |   | 124  | 53 - 142    | 10  | 30        |
| Ethyl methanesulfonate             | <0.182        | U                | 5.70        | 3.737      |               | ug/L |   | 66   | 45 - 138    | 6   | 30        |
| Hexachloropropene                  | <0.562        | U                | 5.70        | 2.195      |               | ug/L |   | 39   | 35 - 140    | 11  | 30        |
| Isosafrole                         | <0.0227       | U                | 5.70        | 5.817      |               | ug/L |   | 102  | 47 - 137    | 8   | 30        |
| Isosafrole Peak 1                  | <0.0227       | U                | 0.912       | 0.9384     |               | ug/L |   | 103  | 48 - 132    | 7   | 30        |
| Isosafrole Peak 2                  | <0.0968       | U                | 4.79        | 4.879      |               | ug/L |   | 102  | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate            | <0.183        | U F1             | 5.70        | 1.589      | F1            | ug/L |   | 28   | 33 - 140    | 4   | 30        |
| N-Nitrosodiethylamine              | <0.662        | U                | 5.70        | 5.286      |               | ug/L |   | 93   | 50 - 136    | 7   | 30        |
| N-Nitrosodi-n-butylamine           | <0.711        | U F1             | 5.70        | 8.536      |               | ug/L |   | 150  | 30 - 150    | 9   | 30        |
| N-Nitrosomethylethylamine          | <0.689        | U                | 5.70        | 3.258      |               | ug/L |   | 57   | 30 - 148    | 6   | 30        |
| N-Nitrosomorpholine                | <0.701        | U                | 5.70        | 2.690      |               | ug/L |   | 47   | 40 - 140    | 4   | 30        |
| N-Nitrosopyrrolidine               | <0.107        | U                | 5.70        | 2.922      |               | ug/L |   | 51   | 20 - 130    | 5   | 30        |
| p-Dimethylamino azobenzene         | <0.152        | U F1             | 5.70        | 8.779      | F1            | ug/L |   | 154  | 16 - 150    | 6   | 30        |
| Pentachloronitrobenzene            | <0.248        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 38 - 145    | 10  | 30        |
| Phenacetin                         | <0.248        | U                | 5.70        | 7.009      |               | ug/L |   | 123  | 50 - 150    | 8   | 30        |
| p-Phenylene diamine                | <5.62         | U *- F1          | 5.70        | <5.70      | U             | ug/L |   | NC   | 5 - 112     | NC  | 30        |
| Pronamide                          | <0.132        | U                | 5.70        | 7.402      |               | ug/L |   | 130  | 60 - 150    | 10  | 30        |
| Safrole, Total                     | <0.0905       | U *-             | 5.70        | 5.607      |               | ug/L |   | 98   | 70 - 130    | 9   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 140           | S1+           | 26 - 136 |
| 2-Fluorobiphenyl            | 96            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 53            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 124           |               | 32 - 133 |
| Phenol-d5 (Surr)            | 32            |               | 8 - 124  |
| p-Terphenyl-d14             | 106           |               | 28 - 130 |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Chloro-3-methylphenol      | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Chloroaniline              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Nitroaniline               | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Acenaphthene                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Acenaphthylene               | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aniline                      | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Anthracene                   | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[a]anthracene           | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[a]pyrene               | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[b]fluoranthene         | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[g,h,i]perylene         | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[k]fluoranthene         | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzyl alcohol               | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Bis(2-chloroethyl)ether      | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Butyl benzyl phthalate       | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Chrysene                     | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dibenz(a,h)anthracene        | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dibenzofuran                 | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diethyl phthalate            | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dimethyl phthalate           | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Di-n-butyl phthalate         | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Di-n-octyl phthalate         | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Fluoranthene                 | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                        | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Fluorene                       | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachlorobenzene              | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachlorobutadiene            | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachlorocyclopentadiene      | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachloroethane               | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isophorone                     | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Naphthalene                    | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Nitrobenzene                   | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodi-n-propylamine      | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodiphenylamine         | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pentachlorophenol              | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenanthrene                   | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenol                         | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pyrene                         | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pyridine                       | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitro-o-toluidine            | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Acetophenone                   | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosopiperidine            | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pentachlorobenzene             | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diphenyl ether                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,1'-Biphenyl                  | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Aminobiphenyl                | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,3,5-Trinitrobenzene          | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,3-Dinitrobenzene             | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,4-Naphthoquinone             | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1-Naphthylamine                | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,6-Dichlorophenol             | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Acetylaminofluorene          | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Chlorophenol                 | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Naphthylamine                | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Picoline                     | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Toluidine                    | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3,3'-Dichlorobenzidine         | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3-Methylcholanthrene           | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aramite Peak 1                 | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aramite Peak 2                 | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aramite, Total                 | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diallate                       | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diallate Peak 1                | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diallate Peak 2                | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dimethoate                     | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dinoseb                        | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Disulfoton                     | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Ethyl methanesulfonate           | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Ethyl Parathion                  | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Famphur                          | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachloropropene                | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isosafrole                       | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isosafrole Peak 1                | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isosafrole Peak 2                | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Methapyrilene                    | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Methyl methanesulfonate          | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Methyl parathion                 | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodiethylamine            | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodimethylamine           | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosomethylethylamine        | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosomorpholine              | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosopyrrolidine             | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Safrole, Total                   | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Sulfotepp                        | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Thionazin                        | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 56           |              | 26 - 136 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Fluorobiphenyl            | 59           |              | 39 - 130 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Fluorophenol (Surr)       | 63           |              | 19 - 120 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 60           |              | 32 - 133 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenol-d5 (Surr)            | 60           |              | 8 - 124  | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| p-Terphenyl-d14             | 62           |              | 28 - 130 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.089      |               | ug/L |   | 72   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 3.922      |               | ug/L |   | 69   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 3.866      |               | ug/L |   | 68   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 3.868      |               | ug/L |   | 68   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 3.711      |               | ug/L |   | 65   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 4.434      |               | ug/L |   | 78   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.059      |               | ug/L |   | 71   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 3.704      |               | ug/L |   | 65   | 60 - 147    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,4-Dimethylphenol          | 5.71        | 3.849      |               | ug/L |   | 67   | 58 - 140    |
| 1,4-Dioxane                 | 5.71        | 2.815      |               | ug/L |   | 49   | 31 - 145    |
| 2,4-Dinitrophenol           | 5.71        | 1.479      | J             | ug/L |   | 26   | 10 - 150    |
| 2,4-Dinitrotoluene          | 5.71        | 4.228      |               | ug/L |   | 74   | 29 - 150    |
| 2,6-Dinitrotoluene          | 5.71        | 4.451      |               | ug/L |   | 78   | 55 - 150    |
| 2-Chloronaphthalene         | 5.71        | 3.807      |               | ug/L |   | 67   | 39 - 141    |
| 2-Methylnaphthalene         | 5.71        | 3.873      |               | ug/L |   | 68   | 33 - 149    |
| 2-Methylphenol              | 5.71        | 4.070      |               | ug/L |   | 71   | 49 - 140    |
| 2-Nitroaniline              | 5.71        | 4.226      |               | ug/L |   | 74   | 42 - 150    |
| 2-Nitrophenol               | 5.71        | 4.288      |               | ug/L |   | 75   | 43 - 150    |
| 3 & 4 Methylphenol          | 5.71        | 3.535      |               | ug/L |   | 62   | 39 - 142    |
| 3-Nitroaniline              | 5.71        | 3.140      |               | ug/L |   | 55   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 2.293      | J             | ug/L |   | 40   | 10 - 150    |
| 4-Bromophenyl phenyl ether  | 5.71        | 4.034      |               | ug/L |   | 71   | 56 - 136    |
| 4-Chloro-3-methylphenol     | 5.71        | 3.864      |               | ug/L |   | 68   | 52 - 137    |
| 4-Chloroaniline             | 5.71        | 1.904      |               | ug/L |   | 33   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | 5.71        | 3.730      |               | ug/L |   | 65   | 53 - 134    |
| 4-Nitroaniline              | 5.71        | 3.982      |               | ug/L |   | 70   | 45 - 148    |
| Acenaphthene                | 5.71        | 3.917      |               | ug/L |   | 69   | 48 - 136    |
| Acenaphthylene              | 5.71        | 3.925      |               | ug/L |   | 69   | 40 - 149    |
| Aniline                     | 5.71        | 1.413      |               | ug/L |   | 25   | 10 - 73     |
| Anthracene                  | 5.71        | 3.703      |               | ug/L |   | 65   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 3.841      |               | ug/L |   | 67   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 3.917      |               | ug/L |   | 69   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 3.834      |               | ug/L |   | 67   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 3.668      | I             | ug/L |   | 64   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 3.985      |               | ug/L |   | 70   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 3.443      |               | ug/L |   | 60   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 3.973      |               | ug/L |   | 70   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 4.106      |               | ug/L |   | 72   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 2.989      |               | ug/L |   | 52   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 3.711      |               | ug/L |   | 65   | 60 - 150    |
| Chrysene                    | 5.71        | 4.037      |               | ug/L |   | 71   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 3.854      |               | ug/L |   | 67   | 50 - 147    |
| Dibenzofuran                | 5.71        | 3.934      |               | ug/L |   | 69   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 3.655      |               | ug/L |   | 64   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.000      |               | ug/L |   | 70   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 3.777      |               | ug/L |   | 66   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 3.972      |               | ug/L |   | 70   | 55 - 150    |
| Fluoranthene                | 5.71        | 3.937      |               | ug/L |   | 69   | 50 - 144    |
| Fluorene                    | 5.71        | 3.853      |               | ug/L |   | 67   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 3.823      |               | ug/L |   | 67   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 3.787      |               | ug/L |   | 66   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 4.139      |               | ug/L |   | 72   | 24 - 150    |
| Hexachloroethane            | 5.71        | 3.836      |               | ug/L |   | 67   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.663      |               | ug/L |   | 64   | 46 - 138    |
| Isophorone                  | 5.71        | 3.716      |               | ug/L |   | 65   | 48 - 147    |
| Naphthalene                 | 5.71        | 3.817      |               | ug/L |   | 67   | 35 - 141    |
| Nitrobenzene                | 5.71        | 3.810      |               | ug/L |   | 67   | 52 - 141    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| N-Nitrosodi-n-propylamine      | 5.71        | 4.045      |               | ug/L |   | 71   | 41 - 137    |
| N-Nitrosodiphenylamine         | 5.71        | 3.869      |               | ug/L |   | 68   | 51 - 135    |
| Pentachlorophenol              | 5.71        | 2.846      |               | ug/L |   | 50   | 33 - 150    |
| Phenanthrene                   | 5.71        | 3.900      |               | ug/L |   | 68   | 54 - 141    |
| Phenol                         | 5.71        | 3.592      | I             | ug/L |   | 63   | 40 - 145    |
| Pyrene                         | 5.71        | 3.957      |               | ug/L |   | 69   | 50 - 143    |
| Pyridine                       | 5.71        | 1.111      | J             | ug/L |   | 19   | 10 - 84     |
| N-Nitro-o-toluidine            | 5.71        | 2.792      |               | ug/L |   | 49   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 4.088      |               | ug/L |   | 72   | 60 - 150    |
| Acetophenone                   | 5.71        | 2.944      |               | ug/L |   | 52   | 52 - 136    |
| N-Nitrosopiperidine            | 5.71        | 3.208      |               | ug/L |   | 56   | 36 - 148    |
| Pentachlorobenzene             | 5.71        | 3.105      |               | ug/L |   | 54   | 52 - 128    |
| Diphenyl ether                 | 5.71        | 3.006      |               | ug/L |   | 53   | 46 - 130    |
| 1,1'-Biphenyl                  | 5.71        | 3.099      |               | ug/L |   | 54   | 39 - 142    |
| 4-Aminobiphenyl                | 5.71        | 1.886      |               | ug/L |   | 33   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 3.169      |               | ug/L |   | 55   | 46 - 125    |
| 1,3,5-Trinitrobenzene          | 5.71        | 2.604      |               | ug/L |   | 46   | 42 - 130    |
| 1,3-Dinitrobenzene             | 5.71        | 4.569      |               | ug/L |   | 80   | 65 - 150    |
| 1,4-Naphthoquinone             | 5.71        | 3.016      |               | ug/L |   | 53   | 24 - 137    |
| 1-Naphthylamine                | 5.71        | 1.806      |               | ug/L |   | 32   | 10 - 130    |
| 2,6-Dichlorophenol             | 5.71        | 2.941      |               | ug/L |   | 51   | 42 - 145    |
| 2-Acetylaminofluorene          | 5.71        | 2.920      |               | ug/L |   | 51   | 45 - 150    |
| 2-Chlorophenol                 | 5.71        | 3.935      |               | ug/L |   | 69   | 51 - 143    |
| 2-Naphthylamine                | 5.71        | 1.749      |               | ug/L |   | 31   | 17 - 130    |
| 2-Picoline                     | 5.71        | 1.207      |               | ug/L |   | 21   | 10 - 143    |
| 2-Toluidine                    | 5.71        | 1.473      |               | ug/L |   | 26   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | <0.650     | U             | ug/L |   | 11   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | 1.296      |               | ug/L |   | 23   | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 2.852      | *-            | ug/L |   | 50   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 2.745      |               | ug/L |   | 48   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 2.874      |               | ug/L |   | 50   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 1.543      |               | ug/L |   | 54   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.483      |               | ug/L |   | 52   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.298      |               | ug/L |   | 54   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 0.8282     |               | ug/L |   | 56   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.034      |               | ug/L |   | 53   | 45 - 138    |
| Hexachloropropene              | 5.71        | 3.333      |               | ug/L |   | 58   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.130      |               | ug/L |   | 55   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.4793     | J             | ug/L |   | 52   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 2.651      |               | ug/L |   | 55   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.006      |               | ug/L |   | 53   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.159      |               | ug/L |   | 55   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.004      |               | ug/L |   | 70   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 3.474      |               | ug/L |   | 61   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.143      |               | ug/L |   | 55   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.089      |               | ug/L |   | 54   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.188      |               | ug/L |   | 56   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 3.132      |               | ug/L |   | 55   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 3.383      |               | ug/L |   | 59   | 38 - 145    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte             | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|---------------------|----------------|---------------|------------------|------|---|------|----------------|
|                     |                |               |                  |      |   |      |                |
| Phenacetin          | 5.71           | 3.183         |                  | ug/L |   | 56   | 50 - 150       |
| p-Phenylene diamine | 5.71           | <5.71         | U                | ug/L |   | 27   | 5 - 112        |
| Pronamide           | 5.71           | 3.283         | *-               | ug/L |   | 57   | 60 - 150       |
| Safrole, Total      | 5.71           | 2.997         | *-               | ug/L |   | 52   | 70 - 130       |

| Surrogate                   | LCS       |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 60        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 59        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 59        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 59        |           | 8 - 124  |
| p-Terphenyl-d14             | 59        |           | 28 - 130 |

Lab Sample ID: LCS 860-275664/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                           | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                                   |                |               |                  |      |   |      |                |
| Dimethoate                        | 2.86           | 6.703         | *+               | ug/L |   | 235  | 70 - 150       |
| Dinoseb                           | 5.71           | 7.310         |                  | ug/L |   | 128  | 10 - 150       |
| Disulfoton                        | 2.86           | 6.066         | *+               | ug/L |   | 212  | 80 - 150       |
| Ethyl Parathion                   | 2.86           | 6.423         | *+               | ug/L |   | 225  | 70 - 150       |
| Famphur                           | 2.86           | 2.901         |                  | ug/L |   | 102  | 10 - 150       |
| Methapyrilene                     | 5.71           | 8.123         |                  | ug/L |   | 142  | 10 - 150       |
| Methyl parathion                  | 2.86           | 6.603         | *+               | ug/L |   | 231  | 80 - 150       |
| o,o',o''-Triethylphosphorothioate | 2.86           | 2.256         |                  | ug/L |   | 79   | 38 - 150       |
| Phorate                           | 2.86           | 6.404         | *+               | ug/L |   | 224  | 65 - 150       |
| Sulfotepp                         | 2.86           | 6.125         | *+               | ug/L |   | 214  | 28 - 150       |
| Thionazin                         | 2.86           | 2.966         |                  | ug/L |   | 104  | 40 - 140       |

| Surrogate                   | LCS       |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 60        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 64        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 58        |           | 8 - 124  |
| p-Terphenyl-d14             | 59        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                      | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD |       |
|------------------------------|----------------|----------------|-------------------|------|---|------|----------------|-----|-------|
|                              |                |                |                   |      |   |      |                | RPD | Limit |
| 1,2,4-Trichlorobenzene       | 5.71           | 4.131          |                   | ug/L |   | 72   | 55 - 120       | 1   | 30    |
| 1,2-Dichlorobenzene          | 5.71           | 4.063          |                   | ug/L |   | 71   | 65 - 130       | 4   | 30    |
| 1,3-Dichlorobenzene          | 5.71           | 4.037          |                   | ug/L |   | 71   | 26 - 130       | 4   | 30    |
| 1,4-Dichlorobenzene          | 5.71           | 4.052          |                   | ug/L |   | 71   | 60 - 150       | 5   | 30    |
| 2,2'-oxybis[1-chloropropane] | 5.71           | 3.970          |                   | ug/L |   | 69   | 65 - 145       | 7   | 30    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2,4,5-Trichlorophenol       | 5.71        | 4.313       |                | ug/L |   | 75   | 58 - 150    | 3   | 30        |
| 2,4,6-Trichlorophenol       | 5.71        | 4.084       |                | ug/L |   | 71   | 39 - 145    | 1   | 30        |
| 2,4-Dichlorophenol          | 5.71        | 3.913       |                | ug/L |   | 68   | 60 - 147    | 6   | 30        |
| 2,4-Dimethylphenol          | 5.71        | 3.971       |                | ug/L |   | 69   | 58 - 140    | 3   | 30        |
| 1,4-Dioxane                 | 5.71        | 2.981       |                | ug/L |   | 52   | 31 - 145    | 6   | 30        |
| 2,4-Dinitrophenol           | 5.71        | 1.590       | J              | ug/L |   | 28   | 10 - 150    | 7   | 30        |
| 2,4-Dinitrotoluene          | 5.71        | 4.209       |                | ug/L |   | 74   | 29 - 150    | 0   | 30        |
| 2,6-Dinitrotoluene          | 5.71        | 4.320       |                | ug/L |   | 76   | 55 - 150    | 3   | 30        |
| 2-Chloronaphthalene         | 5.71        | 4.115       |                | ug/L |   | 72   | 39 - 141    | 8   | 30        |
| 2-Methylnaphthalene         | 5.71        | 3.922       |                | ug/L |   | 69   | 33 - 149    | 1   | 30        |
| 2-Methylphenol              | 5.71        | 4.220       |                | ug/L |   | 74   | 49 - 140    | 4   | 30        |
| 2-Nitroaniline              | 5.71        | 4.178       |                | ug/L |   | 73   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol               | 5.71        | 4.371       |                | ug/L |   | 76   | 43 - 150    | 2   | 30        |
| 3 & 4 Methylphenol          | 5.71        | 3.678       |                | ug/L |   | 64   | 39 - 142    | 4   | 30        |
| 3-Nitroaniline              | 5.71        | 3.309       |                | ug/L |   | 58   | 25 - 130    | 5   | 30        |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 2.371       | J              | ug/L |   | 41   | 10 - 150    | 3   | 30        |
| 4-Bromophenyl phenyl ether  | 5.71        | 4.158       |                | ug/L |   | 73   | 56 - 136    | 3   | 30        |
| 4-Chloro-3-methylphenol     | 5.71        | 4.017       |                | ug/L |   | 70   | 52 - 137    | 4   | 30        |
| 4-Chloroaniline             | 5.71        | 2.022       |                | ug/L |   | 35   | 10 - 95     | 6   | 30        |
| 4-Chlorophenyl phenyl ether | 5.71        | 3.902       |                | ug/L |   | 68   | 53 - 134    | 4   | 30        |
| 4-Nitroaniline              | 5.71        | 4.045       |                | ug/L |   | 71   | 45 - 148    | 2   | 30        |
| Acenaphthene                | 5.71        | 4.112       |                | ug/L |   | 72   | 48 - 136    | 5   | 30        |
| Acenaphthylene              | 5.71        | 4.023       |                | ug/L |   | 70   | 40 - 149    | 2   | 30        |
| Aniline                     | 5.71        | 1.632       |                | ug/L |   | 29   | 10 - 73     | 14  | 30        |
| Anthracene                  | 5.71        | 3.759       |                | ug/L |   | 66   | 51 - 146    | 1   | 30        |
| Benzo[a]anthracene          | 5.71        | 3.860       |                | ug/L |   | 68   | 43 - 145    | 1   | 30        |
| Benzo[a]pyrene              | 5.71        | 3.951       |                | ug/L |   | 69   | 52 - 136    | 1   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 3.806       |                | ug/L |   | 67   | 45 - 140    | 1   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 3.683       | I              | ug/L |   | 64   | 44 - 137    | 0   | 30        |
| Benzo[k]fluoranthene        | 5.71        | 3.933       |                | ug/L |   | 69   | 37 - 140    | 1   | 30        |
| Benzyl alcohol              | 5.71        | 3.644       |                | ug/L |   | 64   | 40 - 133    | 6   | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.139       |                | ug/L |   | 72   | 52 - 143    | 4   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 4.339       |                | ug/L |   | 76   | 52 - 140    | 6   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 2.847       |                | ug/L |   | 50   | 50 - 140    | 5   | 30        |
| Butyl benzyl phthalate      | 5.71        | 3.746       |                | ug/L |   | 66   | 60 - 150    | 1   | 30        |
| Chrysene                    | 5.71        | 3.977       |                | ug/L |   | 70   | 47 - 137    | 1   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 3.885       |                | ug/L |   | 68   | 50 - 147    | 1   | 30        |
| Dibenzofuran                | 5.71        | 4.031       |                | ug/L |   | 71   | 52 - 139    | 2   | 30        |
| Diethyl phthalate           | 5.71        | 3.721       |                | ug/L |   | 65   | 55 - 137    | 2   | 30        |
| Dimethyl phthalate          | 5.71        | 3.997       |                | ug/L |   | 70   | 44 - 150    | 0   | 30        |
| Di-n-butyl phthalate        | 5.71        | 3.827       |                | ug/L |   | 67   | 49 - 146    | 1   | 30        |
| Di-n-octyl phthalate        | 5.71        | 4.011       |                | ug/L |   | 70   | 55 - 150    | 1   | 30        |
| Fluoranthene                | 5.71        | 4.005       |                | ug/L |   | 70   | 50 - 144    | 2   | 30        |
| Fluorene                    | 5.71        | 3.955       |                | ug/L |   | 69   | 54 - 136    | 3   | 30        |
| Hexachlorobenzene           | 5.71        | 3.862       |                | ug/L |   | 68   | 55 - 138    | 1   | 30        |
| Hexachlorobutadiene         | 5.71        | 3.854       |                | ug/L |   | 67   | 45 - 150    | 2   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 4.329       |                | ug/L |   | 76   | 24 - 150    | 4   | 30        |
| Hexachloroethane            | 5.71        | 4.120       |                | ug/L |   | 72   | 30 - 130    | 7   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.676       |                | ug/L |   | 64   | 46 - 138    | 0   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Isophorone                     | 5.71        | 3.863       |                | ug/L |   | 68   | 48 - 147    | 4   | 30        |
| Naphthalene                    | 5.71        | 3.873       |                | ug/L |   | 68   | 35 - 141    | 1   | 30        |
| Nitrobenzene                   | 5.71        | 4.013       |                | ug/L |   | 70   | 52 - 141    | 5   | 30        |
| N-Nitrosodi-n-propylamine      | 5.71        | 4.010       |                | ug/L |   | 70   | 41 - 137    | 1   | 30        |
| N-Nitrosodiphenylamine         | 5.71        | 4.039       |                | ug/L |   | 71   | 51 - 135    | 4   | 30        |
| Pentachlorophenol              | 5.71        | 2.855       |                | ug/L |   | 50   | 33 - 150    | 0   | 30        |
| Phenanthrene                   | 5.71        | 3.924       |                | ug/L |   | 69   | 54 - 141    | 1   | 30        |
| Phenol                         | 5.71        | 3.807       | I              | ug/L |   | 67   | 40 - 145    | 6   | 30        |
| Pyrene                         | 5.71        | 4.140       |                | ug/L |   | 72   | 50 - 143    | 5   | 30        |
| Pyridine                       | 5.71        | 1.246       | J              | ug/L |   | 22   | 10 - 84     | 11  | 30        |
| N-Nitro-o-toluidine            | 5.71        | 3.085       |                | ug/L |   | 54   | 29 - 141    | 10  | 30        |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 4.103       |                | ug/L |   | 72   | 60 - 150    | 0   | 30        |
| Acetophenone                   | 5.71        | 3.101       |                | ug/L |   | 54   | 52 - 136    | 5   | 30        |
| N-Nitrosopiperidine            | 5.71        | 3.109       |                | ug/L |   | 54   | 36 - 148    | 3   | 30        |
| Pentachlorobenzene             | 5.71        | 3.105       |                | ug/L |   | 54   | 52 - 128    | 0   | 30        |
| Diphenyl ether                 | 5.71        | 3.105       |                | ug/L |   | 54   | 46 - 130    | 3   | 30        |
| 1,1'-Biphenyl                  | 5.71        | 3.107       |                | ug/L |   | 54   | 39 - 142    | 0   | 30        |
| 4-Aminobiphenyl                | 5.71        | 1.882       |                | ug/L |   | 33   | 10 - 115    | 0   | 30        |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 3.188       |                | ug/L |   | 56   | 46 - 125    | 1   | 30        |
| 1,3,5-Trinitrobenzene          | 5.71        | 2.596       |                | ug/L |   | 45   | 42 - 130    | 0   | 30        |
| 1,3-Dinitrobenzene             | 5.71        | 4.828       |                | ug/L |   | 84   | 65 - 150    | 6   | 30        |
| 1,4-Naphthoquinone             | 5.71        | 3.042       |                | ug/L |   | 53   | 24 - 137    | 1   | 30        |
| 1-Naphthylamine                | 5.71        | 1.830       |                | ug/L |   | 32   | 10 - 130    | 1   | 30        |
| 2,6-Dichlorophenol             | 5.71        | 3.032       |                | ug/L |   | 53   | 42 - 145    | 3   | 30        |
| 2-Acetylaminofluorene          | 5.71        | 3.049       |                | ug/L |   | 53   | 45 - 150    | 4   | 30        |
| 2-Chlorophenol                 | 5.71        | 4.143       |                | ug/L |   | 72   | 51 - 143    | 5   | 30        |
| 2-Naphthylamine                | 5.71        | 1.772       |                | ug/L |   | 31   | 17 - 130    | 1   | 30        |
| 2-Picoline                     | 5.71        | 1.302       |                | ug/L |   | 23   | 10 - 143    | 8   | 30        |
| 2-Toluidine                    | 5.71        | 1.653       |                | ug/L |   | 29   | 10 - 130    | 12  | 30        |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.7992      | J              | ug/L |   | 14   | 10 - 128    | 22  | 30        |
| 3,3'-Dimethylbenzidine         | 5.71        | 1.354       |                | ug/L |   | 24   | 10 - 130    | 4   | 30        |
| 3-Methylcholanthrene           | 5.71        | 2.865       | *-             | ug/L |   | 50   | 53 - 130    | 0   | 30        |
| 4-Nitroquinoline-1-oxide       | 5.71        | 2.759       |                | ug/L |   | 48   | 20 - 140    | 1   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 2.855       |                | ug/L |   | 50   | 27 - 146    | 1   | 30        |
| Aramite Peak 1                 | 2.86        | 1.598       |                | ug/L |   | 56   | 45 - 150    | 3   | 30        |
| Aramite Peak 2                 | 2.86        | 1.484       |                | ug/L |   | 52   | 45 - 150    | 0   | 30        |
| Diallate Peak 1                | 4.23        | 2.321       |                | ug/L |   | 55   | 47 - 150    | 1   | 30        |
| Diallate Peak 2                | 1.49        | 0.8885      |                | ug/L |   | 60   | 53 - 142    | 7   | 30        |
| Ethyl methanesulfonate         | 5.71        | 3.169       |                | ug/L |   | 55   | 45 - 138    | 4   | 30        |
| Hexachloropropene              | 5.71        | 3.474       |                | ug/L |   | 61   | 35 - 140    | 4   | 30        |
| Isosafrole                     | 5.71        | 3.149       |                | ug/L |   | 55   | 47 - 137    | 1   | 30        |
| Isosafrole Peak 1              | 0.914       | 0.5189      | J              | ug/L |   | 57   | 48 - 132    | 8   | 30        |
| Isosafrole Peak 2              | 4.80        | 2.630       |                | ug/L |   | 55   | 47 - 137    | 1   | 30        |
| Methyl methanesulfonate        | 5.71        | 3.155       |                | ug/L |   | 55   | 33 - 140    | 5   | 30        |
| N-Nitrosodiethylamine          | 5.71        | 3.308       |                | ug/L |   | 58   | 50 - 136    | 5   | 30        |
| N-Nitrosodimethylamine         | 5.71        | 4.154       |                | ug/L |   | 73   | 33 - 148    | 4   | 30        |
| N-Nitrosodi-n-butylamine       | 5.71        | 3.672       |                | ug/L |   | 64   | 30 - 150    | 6   | 30        |
| N-Nitrosomethylethylamine      | 5.71        | 3.256       |                | ug/L |   | 57   | 30 - 148    | 4   | 30        |
| N-Nitrosomorpholine            | 5.71        | 3.224       |                | ug/L |   | 56   | 40 - 140    | 4   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                    | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                            |             |             |                |      |   |      |             |     |           |
| N-Nitrosopyrrolidine       | 5.71        | 3.388       |                | ug/L |   | 59   | 20 - 130    | 6   | 30        |
| p-Dimethylamino azobenzene | 5.71        | 3.226       |                | ug/L |   | 56   | 16 - 150    | 3   | 30        |
| Pentachloronitrobenzene    | 5.71        | 3.643       |                | ug/L |   | 64   | 38 - 145    | 7   | 30        |
| Phenacetin                 | 5.71        | 3.252       |                | ug/L |   | 57   | 50 - 150    | 2   | 30        |
| p-Phenylene diamine        | 5.71        | <5.71       | U              | ug/L |   | 25   | 5 - 112     | 8   | 30        |
| Pronamide                  | 5.71        | 3.409       |                | ug/L |   | 60   | 60 - 150    | 4   | 30        |
| Safrole, Total             | 5.71        | 3.052       | *-             | ug/L |   | 53   | 70 - 130    | 2   | 30        |

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 65        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 63        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 63        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 63        |           | 8 - 124  |
| p-Terphenyl-d14             | 60        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275664/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                  |             |             |                |      |   |      |             |     |           |
| Dimethoate                       | 2.86        | 6.296       | *+             | ug/L |   | 220  | 70 - 150    | 6   | 30        |
| Dinoseb                          | 5.71        | 7.043       |                | ug/L |   | 123  | 10 - 150    | 4   | 30        |
| Disulfoton                       | 2.86        | 5.773       | *+             | ug/L |   | 202  | 80 - 150    | 5   | 30        |
| Ethyl Parathion                  | 2.86        | 6.217       | *+             | ug/L |   | 218  | 70 - 150    | 3   | 30        |
| Famphur                          | 2.86        | 2.704       |                | ug/L |   | 95   | 10 - 150    | 7   | 30        |
| Methapyrilene                    | 5.71        | 7.311       |                | ug/L |   | 128  | 10 - 150    | 11  | 30        |
| Methyl parathion                 | 2.86        | 5.921       | *+             | ug/L |   | 207  | 80 - 150    | 11  | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.075       |                | ug/L |   | 73   | 38 - 150    | 8   | 30        |
| Phorate                          | 2.86        | 5.606       | J *+           | ug/L |   | 196  | 65 - 150    | 13  | 30        |
| Sulfotepp                        | 2.86        | 5.537       | *+             | ug/L |   | 194  | 28 - 150    | 10  | 30        |
| Thionazin                        | 2.86        | 2.786       |                | ug/L |   | 98   | 40 - 140    | 6   | 30        |

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 52        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 58        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 57        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 63        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 55        |           | 8 - 124  |
| p-Terphenyl-d14             | 55        |           | 28 - 130 |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                           | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene - RA       | <0.119        | U                | 5.68        | 5.195     |              | ug/L |   | 91   | 55 - 120    |
| 1,2-Dichlorobenzene - RA          | 0.257         | J                | 5.68        | 5.504     |              | ug/L |   | 92   | 65 - 130    |
| 1,3-Dichlorobenzene - RA          | <0.106        | U                | 5.68        | 5.095     |              | ug/L |   | 90   | 26 - 130    |
| 1,4-Dichlorobenzene - RA          | 0.419         | J                | 5.68        | 5.477     |              | ug/L |   | 89   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] - RA | <1.82         | U                | 5.68        | 6.934     |              | ug/L |   | 122  | 65 - 145    |
| 2,4,5-Trichlorophenol - RA        | <0.424        | U F1             | 5.68        | 10.50     | F1           | ug/L |   | 185  | 58 - 150    |
| 2,4,6-Trichlorophenol - RA        | <0.115        | U F1             | 5.68        | 8.645     | F1           | ug/L |   | 152  | 39 - 145    |
| 2,4-Dichlorophenol - RA           | <0.124        | U F1             | 5.68        | 8.450     | F1           | ug/L |   | 149  | 60 - 147    |
| 2,4-Dimethylphenol - RA           | <0.110        | U F1             | 5.68        | 9.082     | F1           | ug/L |   | 160  | 58 - 140    |
| 1,4-Dioxane - RA                  | 4.62          |                  | 5.68        | 6.988     |              | ug/L |   | 42   | 31 - 145    |
| 2,4-Dinitrophenol - RA            | <1.36         | U                | 5.68        | 6.330     |              | ug/L |   | 111  | 10 - 150    |
| 2,4-Dinitrotoluene - RA           | <0.504        | U F1             | 5.68        | 9.245     | F1           | ug/L |   | 163  | 29 - 150    |
| 2,6-Dinitrotoluene - RA           | <0.268        | U F1             | 5.68        | 11.04     | F1           | ug/L |   | 194  | 55 - 150    |
| 2-Chloronaphthalene - RA          | <0.116        | U                | 5.68        | 5.526     |              | ug/L |   | 97   | 39 - 141    |
| 2-Methylnaphthalene - RA          | <0.107        | U                | 5.68        | 6.760     |              | ug/L |   | 119  | 33 - 149    |
| 2-Methylphenol - RA               | <0.107        | U                | 5.68        | 5.899     |              | ug/L |   | 104  | 49 - 140    |
| 2-Nitroaniline - RA               | <0.155        | U F1             | 5.68        | 9.484     | F1           | ug/L |   | 167  | 42 - 150    |
| 2-Nitrophenol - RA                | <0.135        | U F1             | 5.68        | 10.09     | F1           | ug/L |   | 178  | 43 - 150    |
| 3 & 4 Methylphenol - RA           | <0.0928       | U                | 5.68        | 4.776     |              | ug/L |   | 84   | 55 - 142    |
| 3-Nitroaniline - RA               | <0.219        | U                | 5.68        | 3.937     |              | ug/L |   | 69   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol - RA   | <1.21         | U                | 5.68        | 8.347     |              | ug/L |   | 147  | 10 - 150    |
| 4-Bromophenyl phenyl ether - RA   | <0.104        | U F1             | 5.68        | 8.409     | F1           | ug/L |   | 148  | 56 - 136    |
| 4-Chloro-3-methylphenol - RA      | <0.117        | U F1             | 5.68        | 9.008     | F1           | ug/L |   | 159  | 52 - 137    |
| 4-Chloroaniline - RA              | <0.0866       | U                | 5.68        | 2.793     |              | ug/L |   | 49   | 10 - 95     |
| 4-Chlorophenyl phenyl ether - RA  | <0.0938       | U                | 5.68        | 7.529     |              | ug/L |   | 133  | 53 - 134    |
| 4-Nitroaniline - RA               | <0.266        | U                | 5.68        | 5.694     |              | ug/L |   | 100  | 45 - 148    |
| Acenaphthene - RA                 | 0.943         |                  | 5.68        | 8.198     |              | ug/L |   | 128  | 48 - 136    |
| Acenaphthylene - RA               | <0.123        | U F1             | 5.68        | 8.670     | F1           | ug/L |   | 153  | 40 - 149    |
| Aniline - RA                      | <0.442        | U                | 5.68        | 1.785     |              | ug/L |   | 31   | 10 - 73     |
| Anthracene - RA                   | <0.102        | U F1             | 5.68        | 8.703     | F1           | ug/L |   | 153  | 51 - 146    |
| Benzo[a]anthracene - RA           | <0.125        | U F1             | 5.68        | 9.878     | F1           | ug/L |   | 174  | 43 - 145    |
| Benzo[a]pyrene - RA               | <0.105        | U F1             | 5.68        | 9.097     | F1           | ug/L |   | 160  | 52 - 136    |
| Benzo[b]fluoranthene - RA         | <0.122        | U F1             | 5.68        | 10.19     | F1           | ug/L |   | 179  | 45 - 140    |
| Benzo[g,h,i]perylene - RA         | <0.0888       | U                | 5.68        | 7.326     |              | ug/L |   | 129  | 44 - 137    |
| Benzo[k]fluoranthene - RA         | <0.121        | U F1             | 5.68        | 9.214     | F1           | ug/L |   | 162  | 37 - 140    |
| Benzyl alcohol - RA               | <0.220        | U *- *1          | 5.68        | 4.168     |              | ug/L |   | 73   | 40 - 133    |
| Bis(2-chloroethoxy)methane - RA   | <0.106        | U F1             | 5.68        | 9.116     | F1           | ug/L |   | 160  | 52 - 143    |
| Bis(2-chloroethyl)ether - RA      | 0.768         | F1               | 5.68        | 8.986     | F1           | ug/L |   | 145  | 52 - 140    |
| Bis(2-ethylhexyl) phthalate - RA  | 0.731         | J F1             | 5.68        | 13.69     | F1           | ug/L |   | 228  | 50 - 140    |
| Butyl benzyl phthalate - RA       | <0.330        | U F1             | 5.68        | 12.48     | F1           | ug/L |   | 220  | 60 - 150    |
| Chrysene - RA                     | <0.0949       | U F1             | 5.68        | 8.919     | F1           | ug/L |   | 157  | 47 - 137    |
| Dibenz(a,h)anthracene - RA        | <0.0836       | U                | 5.68        | 7.968     |              | ug/L |   | 140  | 50 - 147    |
| Dibenzofuran - RA                 | <0.110        | U                | 5.68        | 7.767     |              | ug/L |   | 137  | 52 - 139    |
| Diethyl phthalate - RA            | <0.184        | U F1             | 5.68        | 8.612     | F1           | ug/L |   | 152  | 55 - 137    |
| Dimethyl phthalate - RA           | <0.131        | U F1             | 5.68        | 9.966     | F1           | ug/L |   | 175  | 44 - 150    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                                 | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Di-n-butyl phthalate - RA               | <0.649        | U F1             | 5.68        | 11.14     | F1           | ug/L |   | 196  | 49 - 146    |
| Di-n-octyl phthalate - RA               | <0.281        | U F1             | 5.68        | 15.56     | F1           | ug/L |   | 274  | 55 - 150    |
| Fluoranthene - RA                       | <0.118        | U F1             | 5.68        | 9.678     | F1           | ug/L |   | 170  | 50 - 144    |
| Fluorene - RA                           | 0.143         | J F1             | 5.68        | 8.406     | F1           | ug/L |   | 145  | 54 - 136    |
| Hexachlorobenzene - RA                  | <0.130        | U                | 5.68        | 7.798     |              | ug/L |   | 137  | 55 - 138    |
| Hexachlorobutadiene - RA                | <0.159        | U                | 5.68        | 4.224     |              | ug/L |   | 74   | 45 - 150    |
| Hexachlorocyclopentadiene - RA          | <0.176        | U                | 5.68        | 3.456     |              | ug/L |   | 61   | 24 - 150    |
| Hexachloroethane - RA                   | <0.123        | U                | 5.68        | 5.221     |              | ug/L |   | 92   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene - RA             | <0.101        | U                | 5.68        | 7.780     |              | ug/L |   | 137  | 46 - 138    |
| Isophorone - RA                         | <0.104        | U F1             | 5.68        | 9.227     | F1           | ug/L |   | 162  | 48 - 147    |
| Naphthalene - RA                        | <0.112        | U                | 5.68        | 6.228     |              | ug/L |   | 110  | 35 - 141    |
| Nitrobenzene - RA                       | <0.150        | U F1             | 5.68        | 8.832     | F1           | ug/L |   | 155  | 52 - 141    |
| N-Nitrosodi-n-propylamine - RA          | <0.145        | U F1             | 5.68        | 8.440     | F1           | ug/L |   | 149  | 41 - 137    |
| N-Nitrosodiphenylamine - RA             | <0.110        | U F1             | 5.68        | 9.046     | F1           | ug/L |   | 159  | 51 - 135    |
| Pentachlorophenol - RA                  | <0.307        | U F1             | 5.68        | 10.44     | F1           | ug/L |   | 184  | 33 - 150    |
| Phenanthrene - RA                       | <0.105        | U F1             | 5.68        | 8.417     | F1           | ug/L |   | 148  | 54 - 141    |
| Phenol - RA                             | 3.48          |                  | 5.68        | 7.603     | I            | ug/L |   | 73   | 40 - 145    |
| Pyrene - RA                             | <0.127        | U F1             | 5.68        | 9.356     | F1           | ug/L |   | 165  | 50 - 143    |
| Pyridine - RA                           | <0.822        | U *- *1          | 5.68        | 1.169     | J            | ug/L |   | 21   | 10 - 84     |
| N-Nitro-o-toluidine - RA                | <0.640        | U                | 5.68        | 4.101     |              | ug/L |   | 72   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol - RA          | <0.249        | U F1             | 5.68        | 9.967     | F1           | ug/L |   | 175  | 60 - 150    |
| Acetophenone - RA                       | <0.136        | U                | 5.68        | 6.604     |              | ug/L |   | 116  | 52 - 136    |
| N-Nitrosopiperidine - RA                | <0.620        | U                | 5.68        | 6.337     |              | ug/L |   | 112  | 36 - 148    |
| Pentachlorobenzene - RA                 | <0.123        | U                | 5.68        | 5.084     |              | ug/L |   | 89   | 52 - 128    |
| 1,1'-Biphenyl - RA                      | <0.111        | U                | 5.68        | 5.378     |              | ug/L |   | 95   | 39 - 142    |
| 4-Aminobiphenyl - RA                    | <0.192        | U                | 5.68        | 1.846     |              | ug/L |   | 32   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene - RA         | <0.113        | U                | 5.68        | 4.151     |              | ug/L |   | 73   | 46 - 125    |
| 1,3,5-Trinitrobenzene - RA              | <0.642        | U                | 5.68        | 6.636     |              | ug/L |   | 117  | 42 - 130    |
| 1,3-Dinitrobenzene - RA                 | <0.577        | U F1             | 5.68        | 9.550     | F1           | ug/L |   | 168  | 65 - 150    |
| 1,4-Naphthoquinone - RA                 | <0.0602       | U                | 5.68        | 6.626     |              | ug/L |   | 117  | 24 - 137    |
| 1-Naphthylamine - RA                    | <0.265        | U F2             | 5.68        | 1.639     |              | ug/L |   | 29   | 10 - 78     |
| 2,6-Dichlorophenol - RA                 | <0.0956       | U                | 5.68        | 7.180     |              | ug/L |   | 126  | 42 - 145    |
| 2-Acetylaminofluorene - RA              | <1.68         | U F1             | 5.68        | 11.57     | F1           | ug/L |   | 204  | 45 - 150    |
| 2-Chlorophenol - RA                     | <0.101        | U                | 5.68        | 7.686     |              | ug/L |   | 135  | 51 - 143    |
| 2-Naphthylamine - RA                    | <0.405        | U                | 5.68        | 1.414     |              | ug/L |   | 25   | 17 - 92     |
| 2-Picoline - RA                         | <1.01         | U *- F1 *1       | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine - RA                        | <0.417        | U                | 5.68        | 2.498     |              | ug/L |   | 44   | 10 - 79     |
| 3,3'-Dichlorobenzidine - RA             | <0.639        | U F2             | 5.68        | 1.627     |              | ug/L |   | 29   | 10 - 128    |
| 3,3'-Dimethylbenzidine - RA             | <0.290        | U *- F1 *1       | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene - RA               | <0.0867       | U                | 5.68        | 6.661     |              | ug/L |   | 117  | 53 - 130    |
| 4-Nitroquinoline-1-oxide - RA           | <0.626        | U                | 5.68        | 4.591     |              | ug/L |   | 81   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene - RA     | <0.126        | U                | 5.68        | 6.545     |              | ug/L |   | 115  | 27 - 146    |
| alpha,alpha-Dimethylphenethylamine - RA | <1.43         | U *- F1          | 5.68        | <1.44     | U F1         | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1 - RA                     | <0.181        | U F1             | 2.84        | 4.443     | F1           | ug/L |   | 156  | 45 - 150    |
| Aramite Peak 2 - RA                     | <0.199        | U                | 2.84        | 4.206     |              | ug/L |   | 148  | 45 - 150    |
| Diallate Peak 1 - RA                    | <0.0735       | U                | 4.20        | 5.462     |              | ug/L |   | 130  | 47 - 150    |
| Diallate Peak 2 - RA                    | <0.0294       | U                | 1.48        | 1.632     |              | ug/L |   | 110  | 53 - 142    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                         | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Ethyl methanesulfonate - RA     | <0.182        | U                | 5.68        | 3.919     |              | ug/L |   | 69   | 45 - 138    |
| Hexachloropropene - RA          | <0.562        | U                | 5.68        | 3.044     |              | ug/L |   | 54   | 35 - 140    |
| Isosafrole - RA                 | <0.0227       | U                | 5.68        | 6.432     |              | ug/L |   | 113  | 47 - 137    |
| Isosafrole Peak 1 - RA          | <0.0227       | U                | 0.909       | 0.9693    |              | ug/L |   | 107  | 48 - 132    |
| Isosafrole Peak 2 - RA          | <0.0968       | U                | 4.77        | 5.463     |              | ug/L |   | 114  | 47 - 137    |
| Methyl methanesulfonate - RA    | <0.183        | U F1             | 5.68        | 1.654     | F1           | ug/L |   | 29   | 33 - 140    |
| N-Nitrosodiethylamine - RA      | <0.662        | U                | 5.68        | 5.999     |              | ug/L |   | 106  | 50 - 136    |
| N-Nitrosodimethylamine - RA     | <0.156        | U F1             | 5.68        | 1.564     | F1           | ug/L |   | 28   | 33 - 148    |
| N-Nitrosodi-n-butylamine - RA   | <0.711        | U                | 5.68        | 8.153     |              | ug/L |   | 143  | 30 - 150    |
| N-Nitrosomethylethylamine - RA  | <0.689        | U                | 5.68        | 3.368     |              | ug/L |   | 59   | 30 - 148    |
| N-Nitrosomorpholine - RA        | <0.701        | U                | 5.68        | 2.692     |              | ug/L |   | 47   | 40 - 140    |
| N-Nitrosopyrrolidine - RA       | <0.107        | U                | 5.68        | 3.359     |              | ug/L |   | 59   | 20 - 130    |
| p-Dimethylamino azobenzene - RA | <0.152        | U F1             | 5.68        | 9.329     | F1           | ug/L |   | 164  | 16 - 150    |
| Pentachloronitrobenzene - RA    | <0.248        | U                | 5.68        | 8.239     |              | ug/L |   | 145  | 38 - 145    |
| Phenacetin - RA                 | <0.248        | U                | 5.68        | 6.468     |              | ug/L |   | 114  | 50 - 150    |
| p-Phenylene diamine - RA        | <5.62         | U *- F1          | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |
| Pronamide - RA                  | <0.132        | U F1             | 5.68        | 8.815     | F1           | ug/L |   | 155  | 60 - 150    |
| Safrole, Total - RA             | <0.0905       | U *-             | 5.68        | 6.102     |              | ug/L |   | 107  | 70 - 130    |

| Surrogate                        | MS %Recovery | MS Qualifier | Limits   |
|----------------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) - RA | 135          |              | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 106          |              | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 66           |              | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 131          |              | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 38           |              | 8 - 124  |
| p-Terphenyl-d14 - RA             | 108          |              | 28 - 130 |

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                           | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene - RA       | <0.119        | U                | 5.70        | 4.793      |               | ug/L |   | 84   | 55 - 120    | 8   | 30        |
| 1,2-Dichlorobenzene - RA          | 0.257         | J                | 5.70        | 5.080      |               | ug/L |   | 85   | 65 - 130    | 8   | 30        |
| 1,3-Dichlorobenzene - RA          | <0.106        | U                | 5.70        | 4.678      |               | ug/L |   | 82   | 26 - 130    | 9   | 30        |
| 1,4-Dichlorobenzene - RA          | 0.419         | J                | 5.70        | 5.037      |               | ug/L |   | 81   | 60 - 150    | 8   | 30        |
| 2,2'-oxybis[1-chloropropane] - RA | <1.82         | U                | 5.70        | 6.298      |               | ug/L |   | 111  | 65 - 145    | 10  | 30        |
| 2,4,5-Trichlorophenol - RA        | <0.424        | U F1             | 5.70        | 9.631      | F1            | ug/L |   | 169  | 58 - 150    | 9   | 30        |
| 2,4,6-Trichlorophenol - RA        | <0.115        | U F1             | 5.70        | 7.821      |               | ug/L |   | 137  | 39 - 145    | 10  | 30        |
| 2,4-Dichlorophenol - RA           | <0.124        | U F1             | 5.70        | 7.927      |               | ug/L |   | 139  | 60 - 147    | 6   | 30        |
| 2,4-Dimethylphenol - RA           | <0.110        | U F1             | 5.70        | 8.473      | F1            | ug/L |   | 149  | 58 - 140    | 7   | 30        |
| 1,4-Dioxane - RA                  | 4.62          |                  | 5.70        | 6.852      |               | ug/L |   | 39   | 31 - 145    | 2   | 30        |
| 2,4-Dinitrophenol - RA            | <1.36         | U                | 5.70        | 4.985      | J             | ug/L |   | 87   | 10 - 150    | 24  | 30        |
| 2,4-Dinitrotoluene - RA           | <0.504        | U F1             | 5.70        | 8.547      |               | ug/L |   | 150  | 29 - 150    | 8   | 30        |
| 2,6-Dinitrotoluene - RA           | <0.268        | U F1             | 5.70        | 10.07      | F1            | ug/L |   | 177  | 55 - 150    | 9   | 30        |
| 2-Chloronaphthalene - RA          | <0.116        | U                | 5.70        | 5.171      |               | ug/L |   | 91   | 39 - 141    | 7   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2-Methylnaphthalene - RA         | <0.107        | U                | 5.70        | 6.209      |               | ug/L |   | 109  | 33 - 149    | 9   | 30        |
| 2-Methylphenol - RA              | <0.107        | U                | 5.70        | 5.544      |               | ug/L |   | 97   | 49 - 140    | 6   | 30        |
| 2-Nitroaniline - RA              | <0.155        | U F1             | 5.70        | 8.660      | F1            | ug/L |   | 152  | 42 - 150    | 9   | 30        |
| 2-Nitrophenol - RA               | <0.135        | U F1             | 5.70        | 9.017      | F1            | ug/L |   | 158  | 43 - 150    | 11  | 30        |
| 3 & 4 Methylphenol - RA          | <0.0928       | U                | 5.70        | 4.469      |               | ug/L |   | 78   | 55 - 142    | 7   | 30        |
| 3-Nitroaniline - RA              | <0.219        | U                | 5.70        | 4.105      |               | ug/L |   | 72   | 25 - 119    | 4   | 30        |
| 4,6-Dinitro-2-methylphenol - RA  | <1.21         | U                | 5.70        | 7.112      |               | ug/L |   | 125  | 10 - 150    | 16  | 30        |
| 4-Bromophenyl phenyl ether - RA  | <0.104        | U F1             | 5.70        | 7.603      |               | ug/L |   | 133  | 56 - 136    | 10  | 30        |
| 4-Chloro-3-methylphenol - RA     | <0.117        | U F1             | 5.70        | 8.323      | F1            | ug/L |   | 146  | 52 - 137    | 8   | 30        |
| 4-Chloroaniline - RA             | <0.0866       | U                | 5.70        | 3.030      |               | ug/L |   | 53   | 10 - 95     | 8   | 30        |
| 4-Chlorophenyl phenyl ether - RA | <0.0938       | U                | 5.70        | 6.947      |               | ug/L |   | 122  | 53 - 134    | 8   | 30        |
| 4-Nitroaniline - RA              | <0.266        | U                | 5.70        | 5.509      |               | ug/L |   | 97   | 45 - 148    | 3   | 30        |
| Acenaphthene - RA                | 0.943         |                  | 5.70        | 7.522      |               | ug/L |   | 115  | 48 - 136    | 9   | 30        |
| Acenaphthylene - RA              | <0.123        | U F1             | 5.70        | 8.014      |               | ug/L |   | 141  | 40 - 149    | 8   | 30        |
| Aniline - RA                     | <0.442        | U                | 5.70        | 2.015      |               | ug/L |   | 35   | 10 - 73     | 12  | 30        |
| Anthracene - RA                  | <0.102        | U F1             | 5.70        | 8.084      |               | ug/L |   | 142  | 51 - 146    | 7   | 30        |
| Benzo[a]anthracene - RA          | <0.125        | U F1             | 5.70        | 9.067      | F1            | ug/L |   | 159  | 43 - 145    | 9   | 30        |
| Benzo[a]pyrene - RA              | <0.105        | U F1             | 5.70        | 8.392      | F1            | ug/L |   | 147  | 52 - 136    | 8   | 30        |
| Benzo[b]fluoranthene - RA        | <0.122        | U F1             | 5.70        | 9.160      | F1            | ug/L |   | 161  | 45 - 140    | 11  | 30        |
| Benzo[g,h,i]perylene - RA        | <0.0888       | U                | 5.70        | 6.739      |               | ug/L |   | 118  | 44 - 137    | 8   | 30        |
| Benzo[k]fluoranthene - RA        | <0.121        | U F1             | 5.70        | 8.171      | F1            | ug/L |   | 143  | 37 - 140    | 12  | 30        |
| Benzyl alcohol - RA              | <0.220        | U *- *1          | 5.70        | 3.826      |               | ug/L |   | 67   | 40 - 133    | 9   | 30        |
| Bis(2-chloroethoxy)methane - RA  | <0.106        | U F1             | 5.70        | 8.454      | F1            | ug/L |   | 148  | 52 - 143    | 8   | 30        |
| Bis(2-chloroethyl)ether - RA     | 0.768         | F1               | 5.70        | 8.287      |               | ug/L |   | 132  | 52 - 140    | 8   | 30        |
| Bis(2-ethylhexyl) phthalate - RA | 0.731         | J F1             | 5.70        | 12.59      | F1            | ug/L |   | 208  | 50 - 140    | 8   | 30        |
| Butyl benzyl phthalate - RA      | <0.330        | U F1             | 5.70        | 11.44      | F1            | ug/L |   | 201  | 60 - 150    | 9   | 30        |
| Chrysene - RA                    | <0.0949       | U F1             | 5.70        | 8.210      | F1            | ug/L |   | 144  | 47 - 137    | 8   | 30        |
| Dibenz(a,h)anthracene - RA       | <0.0836       | U                | 5.70        | 7.317      |               | ug/L |   | 128  | 50 - 147    | 9   | 30        |
| Dibenzofuran - RA                | <0.110        | U                | 5.70        | 7.271      |               | ug/L |   | 128  | 52 - 139    | 7   | 30        |
| Diethyl phthalate - RA           | <0.184        | U F1             | 5.70        | 8.060      | F1            | ug/L |   | 141  | 55 - 137    | 7   | 30        |
| Dimethyl phthalate - RA          | <0.131        | U F1             | 5.70        | 9.112      | F1            | ug/L |   | 160  | 44 - 150    | 9   | 30        |
| Di-n-butyl phthalate - RA        | <0.649        | U F1             | 5.70        | 10.64      | F1            | ug/L |   | 187  | 49 - 146    | 5   | 30        |
| Di-n-octyl phthalate - RA        | <0.281        | U F1             | 5.70        | 13.73      | F1            | ug/L |   | 241  | 55 - 150    | 13  | 30        |
| Fluoranthene - RA                | <0.118        | U F1             | 5.70        | 8.954      | F1            | ug/L |   | 157  | 50 - 144    | 8   | 30        |
| Fluorene - RA                    | 0.143         | J F1             | 5.70        | 7.701      |               | ug/L |   | 133  | 54 - 136    | 9   | 30        |
| Hexachlorobenzene - RA           | <0.130        | U                | 5.70        | 7.182      |               | ug/L |   | 126  | 55 - 138    | 8   | 30        |
| Hexachlorobutadiene - RA         | <0.159        | U                | 5.70        | 3.915      |               | ug/L |   | 69   | 45 - 150    | 8   | 30        |
| Hexachlorocyclopentadiene - RA   | <0.176        | U                | 5.70        | 3.035      |               | ug/L |   | 53   | 24 - 150    | 13  | 30        |
| Hexachloroethane - RA            | <0.123        | U                | 5.70        | 4.689      |               | ug/L |   | 82   | 30 - 130    | 11  | 30        |
| Indeno[1,2,3-cd]pyrene - RA      | <0.101        | U                | 5.70        | 7.248      |               | ug/L |   | 127  | 46 - 138    | 7   | 30        |
| Isophorone - RA                  | <0.104        | U F1             | 5.70        | 8.425      | F1            | ug/L |   | 148  | 48 - 147    | 9   | 30        |
| Naphthalene - RA                 | <0.112        | U                | 5.70        | 5.786      |               | ug/L |   | 102  | 35 - 141    | 7   | 30        |
| Nitrobenzene - RA                | <0.150        | U F1             | 5.70        | 8.031      |               | ug/L |   | 141  | 52 - 141    | 10  | 30        |
| N-Nitrosodi-n-propylamine - RA   | <0.145        | U F1             | 5.70        | 7.537      |               | ug/L |   | 132  | 41 - 137    | 11  | 30        |
| N-Nitrosodiphenylamine - RA      | <0.110        | U F1             | 5.70        | 8.375      | F1            | ug/L |   | 147  | 51 - 135    | 8   | 30        |
| Pentachlorophenol - RA           | <0.307        | U F1             | 5.70        | 9.437      | F1            | ug/L |   | 166  | 33 - 150    | 10  | 30        |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                                 | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Phenanthrene - RA                       | <0.105        | U F1             | 5.70        | 7.869      |               | ug/L |   | 138  | 54 - 141    | 7   | 30        |
| Phenol - RA                             | 3.48          |                  | 5.70        | 7.356      | I             | ug/L |   | 68   | 40 - 145    | 3   | 30        |
| Pyrene - RA                             | <0.127        | U F1             | 5.70        | 8.913      | F1            | ug/L |   | 156  | 50 - 143    | 5   | 30        |
| Pyridine - RA                           | <0.822        | U *- *1          | 5.70        | 1.469      | J             | ug/L |   | 26   | 10 - 84     | 23  | 30        |
| N-Nitro-o-toluidine - RA                | <0.640        | U                | 5.70        | 4.153      |               | ug/L |   | 73   | 29 - 141    | 1   | 30        |
| 2,3,4,6-Tetrachlorophenol - RA          | <0.249        | U F1             | 5.70        | 9.082      | F1            | ug/L |   | 159  | 60 - 150    | 9   | 30        |
| Acetophenone - RA                       | <0.136        | U                | 5.70        | 6.008      |               | ug/L |   | 105  | 52 - 136    | 9   | 30        |
| N-Nitrosopiperidine - RA                | <0.620        | U                | 5.70        | 5.946      |               | ug/L |   | 104  | 36 - 148    | 6   | 30        |
| Pentachlorobenzene - RA                 | <0.123        | U                | 5.70        | 4.720      |               | ug/L |   | 83   | 52 - 128    | 7   | 30        |
| 1,1'-Biphenyl - RA                      | <0.111        | U                | 5.70        | 4.944      |               | ug/L |   | 87   | 39 - 142    | 8   | 30        |
| 4-Aminobiphenyl - RA                    | <0.192        | U                | 5.70        | 2.331      |               | ug/L |   | 41   | 10 - 115    | 23  | 30        |
| 1,2,4,5-Tetrachlorobenzene - RA         | <0.113        | U                | 5.70        | 3.777      |               | ug/L |   | 66   | 46 - 125    | 9   | 30        |
| 1,3,5-Trinitrobenzene - RA              | <0.642        | U                | 5.70        | 5.909      |               | ug/L |   | 104  | 42 - 130    | 12  | 30        |
| 1,3-Dinitrobenzene - RA                 | <0.577        | U F1             | 5.70        | 8.752      | F1            | ug/L |   | 154  | 65 - 150    | 9   | 30        |
| 1,4-Naphthoquinone - RA                 | <0.0602       | U                | 5.70        | 5.645      |               | ug/L |   | 99   | 24 - 137    | 16  | 30        |
| 1-Naphthylamine - RA                    | <0.265        | U F2             | 5.70        | 2.728      | F2            | ug/L |   | 48   | 10 - 78     | 50  | 30        |
| 2,6-Dichlorophenol - RA                 | <0.0956       | U                | 5.70        | 6.639      |               | ug/L |   | 117  | 42 - 145    | 8   | 30        |
| 2-Acetylaminofluorene - RA              | <1.68         | U F1             | 5.70        | 10.74      | F1            | ug/L |   | 188  | 45 - 150    | 7   | 30        |
| 2-Chlorophenol - RA                     | <0.101        | U                | 5.70        | 7.045      |               | ug/L |   | 124  | 51 - 143    | 9   | 30        |
| 2-Naphthylamine - RA                    | <0.405        | U                | 5.70        | 1.881      |               | ug/L |   | 33   | 17 - 92     | 28  | 30        |
| 2-Picoline - RA                         | <1.01         | U *- F1 *1       | 5.70        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine - RA                        | <0.417        | U                | 5.70        | 2.841      |               | ug/L |   | 50   | 10 - 79     | 13  | 30        |
| 3,3'-Dichlorobenzidine - RA             | <0.639        | U F2             | 5.70        | 2.354      | F2            | ug/L |   | 41   | 10 - 128    | 37  | 30        |
| 3,3'-Dimethylbenzidine - RA             | <0.290        | U *- F1 *1       | 5.70        | <0.294     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene - RA               | <0.0867       | U                | 5.70        | 6.032      |               | ug/L |   | 106  | 53 - 130    | 10  | 30        |
| 4-Nitroquinoline-1-oxide - RA           | <0.626        | U                | 5.70        | 4.230      |               | ug/L |   | 74   | 20 - 140    | 8   | 30        |
| 7,12-Dimethylbenz(a)anthracene - RA     | <0.126        | U                | 5.70        | 6.129      |               | ug/L |   | 108  | 27 - 146    | 7   | 30        |
| alpha,alpha-Dimethylphenethylamine - RA | <1.43         | U *- F1          | 5.70        | <1.45      | U F1          | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1 - RA                     | <0.181        | U F1             | 2.85        | 4.091      |               | ug/L |   | 144  | 45 - 150    | 8   | 30        |
| Aramite Peak 2 - RA                     | <0.199        | U                | 2.85        | 3.960      |               | ug/L |   | 139  | 45 - 150    | 6   | 30        |
| Diallate Peak 1 - RA                    | <0.0735       | U                | 4.22        | 4.855      |               | ug/L |   | 115  | 47 - 150    | 12  | 30        |
| Diallate Peak 2 - RA                    | <0.0294       | U                | 1.48        | 1.527      |               | ug/L |   | 103  | 53 - 142    | 7   | 30        |
| Ethyl methanesulfonate - RA             | <0.182        | U                | 5.70        | 3.685      |               | ug/L |   | 65   | 45 - 138    | 6   | 30        |
| Hexachloropropene - RA                  | <0.562        | U                | 5.70        | 2.769      |               | ug/L |   | 49   | 35 - 140    | 9   | 30        |
| Isosafrole - RA                         | <0.0227       | U                | 5.70        | 5.864      |               | ug/L |   | 103  | 47 - 137    | 9   | 30        |
| Isosafrole Peak 1 - RA                  | <0.0227       | U                | 0.912       | 0.8904     |               | ug/L |   | 98   | 48 - 132    | 8   | 30        |
| Isosafrole Peak 2 - RA                  | <0.0968       | U                | 4.79        | 4.974      |               | ug/L |   | 104  | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate - RA            | <0.183        | U F1             | 5.70        | 1.603      | F1            | ug/L |   | 28   | 33 - 140    | 3   | 30        |
| N-Nitrosodiethylamine - RA              | <0.662        | U                | 5.70        | 5.530      |               | ug/L |   | 97   | 50 - 136    | 8   | 30        |
| N-Nitrosodimethylamine - RA             | <0.156        | U F1             | 5.70        | 1.497      | F1            | ug/L |   | 26   | 33 - 148    | 4   | 30        |
| N-Nitrosodi-n-butylamine - RA           | <0.711        | U                | 5.70        | 7.353      |               | ug/L |   | 129  | 30 - 150    | 10  | 30        |
| N-Nitrosomethylethylamine - RA          | <0.689        | U                | 5.70        | 3.131      |               | ug/L |   | 55   | 30 - 148    | 7   | 30        |
| N-Nitrosomorpholine - RA                | <0.701        | U                | 5.70        | 2.535      |               | ug/L |   | 44   | 40 - 140    | 6   | 30        |
| N-Nitrosopyrrolidine - RA               | <0.107        | U                | 5.70        | 3.062      |               | ug/L |   | 54   | 20 - 130    | 9   | 30        |
| p-Dimethylamino azobenzene - RA         | <0.152        | U F1             | 5.70        | 8.793      | F1            | ug/L |   | 154  | 16 - 150    | 6   | 30        |
| Pentachloronitrobenzene - RA            | <0.248        | U                | 5.70        | 7.818      |               | ug/L |   | 137  | 38 - 145    | 5   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Phenacetin - RA          | <0.248        | U                | 5.70        | 6.383      |               | ug/L |   | 112  | 50 - 150    | 1   | 30        |
| p-Phenylene diamine - RA | <5.62         | U *- F1          | 5.70        | <5.70      | U             | ug/L |   | NC   | 5 - 112     | NC  | 30        |
| Pronamide - RA           | <0.132        | U F1             | 5.70        | 8.139      |               | ug/L |   | 143  | 60 - 150    | 8   | 30        |
| Safrole, Total - RA      | <0.0905       | U *-             | 5.70        | 5.640      |               | ug/L |   | 99   | 70 - 130    | 8   | 30        |

| Surrogate                        | MSD %Recovery | MSD Qualifier | Limits   |
|----------------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) - RA | 124           |               | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 100           |               | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 63            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 123           |               | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 37            |               | 8 - 124  |
| p-Terphenyl-d14 - RA             | 104           |               | 28 - 130 |

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 276611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                                  | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine - RA | <1.45     | U            | 5.71 | 1.45 | ug/L |   | 11/13/25 14:15 | 11/18/25 15:48 | 1       |

| Surrogate                        | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) - RA | 49           |              | 26 - 136 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| 2-Fluorobiphenyl - RA            | 55           |              | 39 - 130 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| 2-Fluorophenol (Surr) - RA       | 63           |              | 19 - 120 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| Nitrobenzene-d5 (Surr) - RA      | 56           |              | 32 - 133 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| Phenol-d5 (Surr) - RA            | 50           |              | 8 - 124  | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| p-Terphenyl-d14 - RA             | 56           |              | 28 - 130 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 276611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                                  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine - RA | 5.71        | <1.45      | U *-          | ug/L |   | 0    | 5 - 150     |

| Surrogate                        | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) - RA | 56            |               | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 54            |               | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 59            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 62            |               | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 49            |               | 8 - 124  |
| p-Terphenyl-d14 - RA             | 58            |               | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 276611

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                                  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine - RA | 5.71        | <1.45       | U *-           | ug/L |   | 0    | 5 - 150     | NC  | 30        |

| Surrogate                        | LCSD %Recovery | LCSD Qualifier | Limits   |
|----------------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) - RA | 55             |                | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 56             |                | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 58             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 63             |                | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 47             |                | 8 - 124  |
| p-Terphenyl-d14 - RA             | 56             |                | 28 - 130 |

# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## GC/MS VOA

### Analysis Batch: 276045

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-1       | MW-01                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-2       | MW-03                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-3       | MW-02                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-4       | MW-10                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-5       | TB-08                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-6       | MW-11                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-7       | MW-05                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-8       | MW-12                  | Total/NA  | Water  | 8260D  |            |
| 860-116246-9       | FB-01                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276045/10   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276045/31  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276045/32 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 870-41517-B-1 MS   | Matrix Spike           | Total/NA  | Water  | 8260D  |            |
| 870-41517-C-1 MSD  | Matrix Spike Duplicate | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 276330

| Lab Sample ID          | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-7 - RA      | MW-05                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276330/7        | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276330/3       | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276330/4      | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115835-A-8 MS - DL | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

## GC/MS Semi VOA

### Analysis Batch: 275604

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275664/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275664     |
| LCS 860-275664/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275664     |
| LCSD 860-275664/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275664     |

### Prep Batch: 275662

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-1             | MW-01                  | Total/NA  | Water  | 3511   |            |
| 860-116246-1 - RA        | MW-01                  | Total/NA  | Water  | 3511   |            |
| 860-116246-2             | MW-03                  | Total/NA  | Water  | 3511   |            |
| 860-116246-2 - RA        | MW-03                  | Total/NA  | Water  | 3511   |            |
| 860-116246-3             | MW-02                  | Total/NA  | Water  | 3511   |            |
| 860-116246-3 - RA        | MW-02                  | Total/NA  | Water  | 3511   |            |
| 860-116246-4             | MW-10                  | Total/NA  | Water  | 3511   |            |
| 860-116246-4 - RA        | MW-10                  | Total/NA  | Water  | 3511   |            |
| 860-116246-8             | MW-12                  | Total/NA  | Water  | 3511   |            |
| 860-116246-8 - RA        | MW-12                  | Total/NA  | Water  | 3511   |            |
| MB 860-275662/1-A        | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/2-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/4-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/3-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/5-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-A MS      | Matrix Spike           | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-A MS - RA | Matrix Spike           | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-B MSD     | Matrix Spike Duplicate | Total/NA  | Water  | 3511   |            |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 275662 (Continued)

| Lab Sample ID             | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------------|------------------------|-----------|--------|--------|------------|
| 860-116304-G-5-B MSD - RA | Matrix Spike Duplicate | Total/NA  | Water  | 3511   |            |

### Prep Batch: 275664

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-6             | MW-11                  | Total/NA  | Water  | 3511   |            |
| 860-116246-6 - RA        | MW-11                  | Total/NA  | Water  | 3511   |            |
| 860-116246-7             | MW-05                  | Total/NA  | Water  | 3511   |            |
| 860-116246-7 - DL        | MW-05                  | Total/NA  | Water  | 3511   |            |
| 860-116246-7 - RA        | MW-05                  | Total/NA  | Water  | 3511   |            |
| MB 860-275664/1-A        | Method Blank           | Total/NA  | Water  | 3511   |            |
| MB 860-275664/1-A - RA   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275664/2-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275664/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275664/4-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275664/3-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275664/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275664/5-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 275964

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-6        | MW-11                  | Total/NA  | Water  | 8270E  | 275664     |
| 860-116246-7        | MW-05                  | Total/NA  | Water  | 8270E  | 275664     |
| MB 860-275662/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275664/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275664     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275664/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275664     |

### Analysis Batch: 276083

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-1         | MW-01                  | Total/NA  | Water  | 8270E  | 275662     |
| 860-116246-2         | MW-03                  | Total/NA  | Water  | 8270E  | 275662     |
| 860-116246-3         | MW-02                  | Total/NA  | Water  | 8270E  | 275662     |
| 860-116246-4         | MW-10                  | Total/NA  | Water  | 8270E  | 275662     |
| 860-116246-8         | MW-12                  | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-A MS  | Matrix Spike           | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-B MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276290

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275662/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276472

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116246-1 - RA | MW-01            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116246-2 - RA | MW-03            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116246-3 - RA | MW-02            | Total/NA  | Water  | 8270E  | 275662     |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

### GC/MS Semi VOA (Continued)

#### Analysis Batch: 276472 (Continued)

| Lab Sample ID             | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-4 - RA         | MW-10                  | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-A MS - RA  | Matrix Spike           | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-B MSD - RA | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 275662     |

#### Analysis Batch: 276611

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-116246-6 - RA        | MW-11                  | Total/NA  | Water  | 8270E  | 275664     |
| 860-116246-7 - RA        | MW-05                  | Total/NA  | Water  | 8270E  | 275664     |
| 860-116246-7 - DL        | MW-05                  | Total/NA  | Water  | 8270E  | 275664     |
| MB 860-275664/1-A - RA   | Method Blank           | Total/NA  | Water  | 8270E  | 275664     |
| LCS 860-275664/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275664     |
| LCSD 860-275664/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275664     |

#### Analysis Batch: 276619

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116246-8 - RA | MW-12            | Total/NA  | Water  | 8270E  | 275662     |



# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

**Client Sample ID: MW-01**

**Date Collected: 11/10/25 11:20**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116246-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 06:55       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 05:03       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 14:18       | PXS     | EET HOU |

**Client Sample ID: MW-03**

**Date Collected: 11/10/25 13:10**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116246-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 07:15       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.5 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 05:33       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.5 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 14:47       | PXS     | EET HOU |

**Client Sample ID: MW-02**

**Date Collected: 11/10/25 13:58**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116246-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 07:36       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 06:03       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.8 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 15:17       | PXS     | EET HOU |

**Client Sample ID: MW-10**

**Date Collected: 11/10/25 14:49**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116246-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 07:56       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 06:33       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.9 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 15:46       | PXS     | EET HOU |

**Client Sample ID: TB-08**

**Date Collected: 11/10/25 00:00**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116246-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 02:48       | A1S     | EET HOU |

Eurofins Houston

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

## Client Sample ID: MW-11

Date Collected: 11/11/25 11:48

Date Received: 11/12/25 09:00

## Lab Sample ID: 860-116246-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 08:17       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275964       | 11/15/25 00:57       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.8 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276611       | 11/18/25 17:12       | LPL     | EET HOU |

## Client Sample ID: MW-05

Date Collected: 11/11/25 14:57

Date Received: 11/12/25 09:00

## Lab Sample ID: 860-116246-7

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 08:37       | A1S     | EET HOU |
| Total/NA  | Analysis   | 8260D        | RA  | 1          | 5 mL           | 5 mL         | 276330       | 11/17/25 17:43       | KLV     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.5 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275964       | 11/15/25 01:25       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.5 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276611       | 11/18/25 17:40       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.5 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 20         | 1 mL           | 1 mL         | 276611       | 11/18/25 18:08       | LPL     | EET HOU |

## Client Sample ID: MW-12

Date Collected: 11/11/25 15:20

Date Received: 11/12/25 09:00

## Lab Sample ID: 860-116246-8

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 08:58       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.2 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 11:33       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.2 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 01:05       | EM      | EET HOU |

## Client Sample ID: FB-01

Date Collected: 11/11/25 15:20

Date Received: 11/12/25 09:00

## Lab Sample ID: 860-116246-9

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276045       | 11/15/25 02:28       | A1S     | EET HOU |

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Eurofins Houston

## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-30-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116246-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116246-1  | MW-01            | Water  | 11/10/25 11:20 | 11/12/25 09:00 | Mississippi   |
| 860-116246-2  | MW-03            | Water  | 11/10/25 13:10 | 11/12/25 09:00 | Mississippi   |
| 860-116246-3  | MW-02            | Water  | 11/10/25 13:58 | 11/12/25 09:00 | Mississippi   |
| 860-116246-4  | MW-10            | Water  | 11/10/25 14:49 | 11/12/25 09:00 | Mississippi   |
| 860-116246-5  | TB-08            | Water  | 11/10/25 00:00 | 11/12/25 09:00 | Mississippi   |
| 860-116246-6  | MW-11            | Water  | 11/11/25 11:48 | 11/12/25 09:00 | Mississippi   |
| 860-116246-7  | MW-05            | Water  | 11/11/25 14:57 | 11/12/25 09:00 | Mississippi   |
| 860-116246-8  | MW-12            | Water  | 11/11/25 15:20 | 11/12/25 09:00 | Mississippi   |
| 860-116246-9  | FB-01            | Water  | 11/11/25 15:20 | 11/12/25 09:00 | Mississippi   |



## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116246-1

**Login Number: 116246**

**List Source: Eurofins Houston**

**List Number: 1**

**Creator: Jimenez, Nicanor**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 11/25/2025 2:23:43 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116248-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
11/25/2025 2:23:43 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                      |
|-----------|------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased. |
| F1        | MS and/or MSD recovery exceeds control limits.             |
| U         | Indicates the analyte was analyzed for but not detected.   |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1-       | Surrogate recovery exceeds control limits, low biased.                                                         |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

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# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116248-1

**Job ID: 860-116248-1**

**Eurofins Houston**

## Job Narrative 860-116248-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/12/2025 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-276231 recovered above the upper control limit for 1,4-Dioxane (33%), Dichloro difluoromethane (28%), Ethyl methacrylate (37%), Iodomethane (24%) and Isobutyl Alcohol (31%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276231/2).

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-276231 recovered outside control limits for the following analytes: Ethyl methacrylate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-276231 were outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Di-n-octyl phthalate, 1,3-Dinitrobenzene, Hexachloropropene and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-275662 and 860-275664 and analytical batch 860-275964 recovered outside control limits for the following analytes: Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Methapyrilene, Disulfoton and Thionazin. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Disulfoton and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275964/3).

Method 8270E\_QQQ: The laboratory is using 70 - 130% as interim acceptance criteria for recoveries of spiked analytes for Safrole, Total, until in-house LCS limits are developed. Data is flagged and reported.

(LCS 860-275662/2-A) and (LCSD 860-275662/3-A)

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116248-1

### Job ID: 860-116248-1 (Continued)

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allowable number of surrogate compounds outside limits: CM-02 (860-116248-4) and CM-01 (860-116248-5). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275604 recovered above the upper control limit for 1,3-Dinitrobenzene, 2-Acetylaminofluorene, Aramite Peak 1, Di-n-octyl phthalate and Hexachloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275604/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275604 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275604/3).

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275664 and analytical batch 860-275604 recovered outside control limits for the following analytes: 3-Methylcholanthrene and Pronamide. These analytes have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: The laboratory is using 70 - 130% as interim acceptance criteria for recoveries of spiked analytes for Safrole, Total, until in-house LCS limits are developed. Data is flagged and reported.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: (860-116304-G-5-A MS) and (860-116304-G-5-B MSD). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276083/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-275662 and analytical batch 860-276083 were outside control limits. Sample matrix interference and non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Butyl benzyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276083/2).

Method 8270E\_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275662 and analytical batch 860-276290 recovered outside control limits for the following analyte: alpha,alpha-Dimethyl phenethylamine. alpha,alpha-Dimethyl phenethylamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for 2-Acetylaminofluorene, Aramite Peak 1, Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275931/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275931/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116248-1

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Eurofins Houston

as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276086 recovered above the upper control limit for 1,3-Dichlorobenzene, Aramite Peak 1 and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276086/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276086 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276086/3).

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: CM-00 (860-116248-6). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276619 recovered above the upper control limit for 2-Fluorophenol (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276619/2).

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275664 and analytical batch 860-276611 recovered outside control limits for the following analyte(s): alpha,alpha-Dimethyl phenethylamine. alpha,alpha-Dimethyl phenethylamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: CM-02 (860-116248-4) and CM-01 (860-116248-5). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

### Client Sample ID: CM-05

Lab Sample ID: 860-116248-1

| Analyte                          | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| 1,4-Dioxane                      | 0.771  |           | 0.569 | 0.104  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol               | 0.112  | J         | 0.569 | 0.0940 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                   | 0.156  | J         | 0.569 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate | 0.332  | J         | 0.569 | 0.132  | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: CM-04

Lab Sample ID: 860-116248-2

| Analyte            | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| 3 & 4 Methylphenol | 0.439  | J         | 0.571 | 0.0943 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: CM-03

Lab Sample ID: 860-116248-3

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloroform                  | 1.55   |           | 1.00 | 0.464 | ug/L | 1       |   | 8260D  | Total/NA  |
| Bis(2-ethylhexyl) phthalate | 0.582  | J         | 1.15 | 0.574 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: CM-02

Lab Sample ID: 860-116248-4

| Analyte    | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloroform | 3.46   |           | 1.00 | 0.464 | ug/L | 1       |   | 8260D  | Total/NA  |

### Client Sample ID: CM-01

Lab Sample ID: 860-116248-5

| Analyte    | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloroform | 4.06   |           | 1.00 | 0.464 | ug/L | 1       |   | 8260D  | Total/NA  |

### Client Sample ID: CM-00

Lab Sample ID: 860-116248-6

| Analyte    | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloroform | 3.26   |           | 1.00 | 0.464 | ug/L | 1       |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-05

Lab Sample ID: 860-116248-1

Date Collected: 11/11/25 08:01

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/17/25 10:43 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 10:43 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/17/25 10:43 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/17/25 10:43 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/17/25 10:43 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/17/25 10:43 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/17/25 10:43 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Ethyl methacrylate                    | <1.12  | U *+ F1   | 5.00 | 1.12  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/17/25 10:43 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/17/25 10:43 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/17/25 10:43 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-05

Lab Sample ID: 860-116248-1

Date Collected: 11/11/25 08:01

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/17/25 10:43 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/17/25 10:43 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/17/25 10:43 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/17/25 10:43 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/17/25 10:43 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/17/25 10:43 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/17/25 10:43 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/17/25 10:43 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/17/25 10:43 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/17/25 10:43 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 10:43 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 10:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/17/25 10:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          | 11/17/25 10:43 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 131 |          | 11/17/25 10:43 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 11/17/25 10:43 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120 | U         | 0.569 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,3-Dichlorobenzene          | <0.107 | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,4-Dichlorobenzene          | <0.109 | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84  | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.429 | U         | 0.569 | 0.429  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.116 | U         | 0.569 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,4-Dichlorophenol           | <0.125 | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,4-Dimethylphenol           | <0.111 | U         | 0.569 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,4-Dioxane                  | 0.771  |           | 0.569 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,4-Dinitrophenol            | <1.38  | U         | 5.69  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,4-Dinitrotoluene           | <0.511 | U         | 1.14  | 0.511  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,6-Dinitrotoluene           | <0.272 | U         | 0.569 | 0.272  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Chloronaphthalene          | <0.118 | U         | 0.569 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Methylnaphthalene          | <0.109 | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Methylphenol               | <0.109 | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Nitroaniline               | <0.157 | U         | 0.569 | 0.157  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Nitrophenol                | <0.137 | U         | 0.569 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 3 & 4 Methylphenol           | 0.112  | J         | 0.569 | 0.0940 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 3-Nitroaniline               | <0.222 | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22  | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-05

Lab Sample ID: 860-116248-1

Date Collected: 11/11/25 08:01

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 4-Chloroaniline             | <0.0877 | U         | 0.569 | 0.0877 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0950 | U         | 0.569 | 0.0950 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 4-Nitroaniline              | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Acenaphthene                | <0.101  | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Aniline                     | <0.448  | U *-      | 1.14  | 0.448  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Anthracene                  | <0.104  | U         | 0.569 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.284 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Benzo[g,h,i]perylene        | <0.0899 | U         | 0.569 | 0.0899 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.569 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Benzyl alcohol              | <0.223  | U *- *1   | 2.84  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Butyl benzyl phthalate      | <0.335  | U         | 1.14  | 0.335  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Chrysene                    | <0.0961 | U         | 0.569 | 0.0961 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Dibenz(a,h)anthracene       | <0.0847 | U         | 0.114 | 0.0847 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Di-n-butyl phthalate        | <0.657  | U         | 1.14  | 0.657  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Fluoranthene                | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Fluorene                    | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.569 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.569 | 0.161  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Isophorone                  | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Naphthalene                 | <0.114  | U         | 0.569 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.569 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.569 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Pentachlorophenol           | <0.311  | U         | 0.569 | 0.311  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Phenanthrene                | <0.106  | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Phenol                      | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Pyrene                      | <0.128  | U         | 0.569 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Pyridine                    | <0.833  | U *- *1   | 2.84  | 0.833  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitro-o-toluidine         | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.253  | U         | 0.569 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosopiperidine         | <0.628  | U         | 1.14  | 0.628  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Diphenyl ether              | 0.156   | J         | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-05

Lab Sample ID: 860-116248-1

Date Collected: 11/11/25 08:01

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                       | <0.113  | U         | 0.569 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 4-Aminobiphenyl                     | <0.194  | U         | 0.569 | 0.194  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.569 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,3,5-Trinitrobenzene               | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,3-Dinitrobenzene                  | <0.585  | U         | 1.14  | 0.585  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U         | 0.569 | 0.0609 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 1-Naphthylamine                     | <0.268  | U *-      | 0.569 | 0.268  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2,6-Dichlorophenol                  | <0.0969 | U         | 0.569 | 0.0969 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Naphthylamine                     | <0.410  | U         | 0.569 | 0.410  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.569 | 0.422  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 3,3'-Dichlorobenzidine              | <0.647  | U         | 1.14  | 0.647  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294  | U *- *1   | 0.569 | 0.294  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 3-Methylcholanthrene                | <0.0878 | U         | 0.569 | 0.0878 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.634  | U         | 1.14  | 0.634  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.569 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *-      | 5.69  | 1.44   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.569 | 0.202  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Aramite, Total                      | <0.183  | U *-      | 0.569 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Diallate                            | <0.0298 | U *-      | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Diallate Peak 1                     | <0.0744 | U         | 0.569 | 0.0744 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Diallate Peak 2                     | <0.0298 | U         | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Dimethoate                          | <0.497  | U **      | 2.84  | 0.497  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Dinoseb                             | <0.673  | U **      | 2.84  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.569 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Ethyl Parathion                     | <0.623  | U **      | 1.14  | 0.623  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Hexachloropropene                   | <0.569  | U         | 0.569 | 0.569  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Isosafrole                          | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Isosafrole Peak 2                   | <0.0981 | U         | 0.569 | 0.0981 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Methapyrilene                       | <1.51   | U **      | 2.28  | 1.51   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.569 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Methyl parathion                    | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosodiethylamine               | <0.670  | U         | 1.14  | 0.670  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosodi-n-butylamine            | <0.720  | U         | 1.14  | 0.720  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosomethylethylamine           | <0.698  | U         | 1.14  | 0.698  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosomorpholine                 | <0.710  | U         | 1.14  | 0.710  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.569 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| o,o',o"-Triethylphosphorothioate    | 0.332   | J         | 0.569 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.569 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Pentachloronitrobenzene             | <0.252  | U         | 0.569 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Phenacetin                          | <0.251  | U         | 0.569 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Phorate                             | <2.60   | U **      | 5.69  | 2.60   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| p-Phenylene diamine                 | <5.69   | U *-      | 5.69  | 5.69   | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-05

Lab Sample ID: 860-116248-1

Date Collected: 11/11/25 08:01

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|--------|------|---|----------------|----------------|---------|
| Pronamide                   | <0.134    | U         | 0.569    | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Safrole, Total              | <0.0916   | U *       | 0.569    | 0.0916 | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Sulfotepp                   | <0.469    | U **      | 1.14     | 0.469  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Thionazin                   | <0.338    | U **      | 1.14     | 0.338  | ug/L |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |        |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 79        |           | 26 - 136 |        |      |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Fluorobiphenyl            | 68        |           | 39 - 130 |        |      |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| 2-Fluorophenol (Surr)       | 33        |           | 19 - 120 |        |      |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 73        |           | 32 - 133 |        |      |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  |        |      |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |
| p-Terphenyl-d14             | 79        |           | 28 - 130 |        |      |   | 11/13/25 14:11 | 11/15/25 12:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine      | <0.159    | U         | 0.569    | 0.159 | ug/L |   | 11/13/25 14:11 | 11/19/25 01:34 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 65        |           | 26 - 136 |       |      |   | 11/13/25 14:11 | 11/19/25 01:34 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 |       |      |   | 11/13/25 14:11 | 11/19/25 01:34 | 1       |
| 2-Fluorophenol (Surr)       | 38        |           | 19 - 120 |       |      |   | 11/13/25 14:11 | 11/19/25 01:34 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 32 - 133 |       |      |   | 11/13/25 14:11 | 11/19/25 01:34 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  |       |      |   | 11/13/25 14:11 | 11/19/25 01:34 | 1       |
| p-Terphenyl-d14             | 72        |           | 28 - 130 |       |      |   | 11/13/25 14:11 | 11/19/25 01:34 | 1       |

Client Sample ID: CM-04

Lab Sample ID: 860-116248-2

Date Collected: 11/11/25 08:23

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/17/25 11:03 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/17/25 11:03 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 11:03 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/17/25 11:03 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/17/25 11:03 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-04

Lab Sample ID: 860-116248-2

Date Collected: 11/11/25 08:23

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| 4-Methyl-2-pentanone        | <5.00     | U         | 50.0    | 5.00     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Acetone                     | <3.07     | U         | 100     | 3.07     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Acetonitrile                | <14.6     | U         | 100     | 14.6     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Acrolein                    | <11.1     | U         | 50.0    | 11.1     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/17/25 11:03 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/17/25 11:03 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/17/25 11:03 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/17/25 11:03 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/17/25 11:03 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/17/25 11:03 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/17/25 11:03 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/17/25 11:03 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/17/25 11:03 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 11:03 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 11:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-04

Lab Sample ID: 860-116248-2

Date Collected: 11/11/25 08:23

Matrix: Water

Date Received: 11/12/25 09:00

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/17/25 11:03 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          | 11/17/25 11:03 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 75 - 131 |          | 11/17/25 11:03 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 11/17/25 11:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.85  | 1.85   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.571 | 0.430  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 3 & 4 Methylphenol           | 0.439   | J         | 0.571 | 0.0943 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4-Chloroaniline              | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0953 | U         | 0.571 | 0.0953 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Aniline                      | <0.449  | U *       | 1.14  | 0.449  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.285 | 0.127  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Benzo[g,h,i]perylene         | <0.0902 | U         | 0.571 | 0.0902 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Benzyl alcohol               | <0.224  | U * - *1  | 2.85  | 0.224  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.570  | U         | 1.14  | 0.570  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Butyl benzyl phthalate       | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Chrysene                     | <0.0964 | U         | 0.571 | 0.0964 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Dibenz(a,h)anthracene        | <0.0849 | U         | 0.114 | 0.0849 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Dibenzofuran                 | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-04

Lab Sample ID: 860-116248-2

Date Collected: 11/11/25 08:23

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diethyl phthalate                   | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Dimethyl phthalate                  | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Di-n-butyl phthalate                | <0.659  | U         | 1.14  | 0.659  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Di-n-octyl phthalate                | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Fluoranthene                        | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Fluorene                            | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Hexachlorobenzene                   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Hexachlorobutadiene                 | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Hexachlorocyclopentadiene           | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Hexachloroethane                    | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Isophorone                          | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Naphthalene                         | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Nitrobenzene                        | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosodiphenylamine              | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Pentachlorophenol                   | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Phenanthrene                        | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Phenol                              | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Pyrene                              | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Pyridine                            | <0.835  | U *- *1   | 2.85  | 0.835  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitro-o-toluidine                 | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Acetophenone                        | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosopiperidine                 | <0.630  | U         | 1.14  | 0.630  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Diphenyl ether                      | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,3,5-Trinitrobenzene               | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,3-Dinitrobenzene                  | <0.586  | U         | 1.14  | 0.586  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1,4-Naphthoquinone                  | <0.0611 | U         | 0.571 | 0.0611 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 1-Naphthylamine                     | <0.269  | U *-      | 0.571 | 0.269  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2,6-Dichlorophenol                  | <0.0971 | U         | 0.571 | 0.0971 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.571 | 0.102  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Naphthylamine                     | <0.411  | U         | 0.571 | 0.411  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Toluidine                         | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 3,3'-Dichlorobenzidine              | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U *- *1   | 0.571 | 0.295  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 3-Methylcholanthrene                | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.71  | 1.45   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.571 | 0.184  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-04

Lab Sample ID: 860-116248-2

Date Collected: 11/11/25 08:23

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate                          | <0.0298 | U *-      | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Diallate Peak 1                   | <0.0747 | U         | 0.571 | 0.0747 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Diallate Peak 2                   | <0.0298 | U         | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Dimethoate                        | <0.498  | U **      | 2.85  | 0.498  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Dinoseb                           | <0.675  | U **      | 2.85  | 0.675  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Disulfoton                        | <2.15   | U **      | 2.85  | 2.15   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Ethyl methanesulfonate            | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Ethyl Parathion                   | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Famphur                           | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Hexachloropropene                 | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Isosafrole                        | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Isosafrole Peak 1                 | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Isosafrole Peak 2                 | <0.0983 | U         | 0.571 | 0.0983 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Methapyriline                     | <1.52   | U **      | 2.28  | 1.52   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Methyl methanesulfonate           | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Methyl parathion                  | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosodiethylamine             | <0.672  | U         | 1.14  | 0.672  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosodi-n-butylamine          | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosomethylethylamine         | <0.700  | U         | 1.14  | 0.700  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosomorpholine               | <0.712  | U         | 1.14  | 0.712  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| N-Nitrosopyrrolidine              | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| p-Dimethylamino azobenzene        | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Pentachloronitrobenzene           | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Phenacetin                        | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Phorate                           | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| p-Phenylene diamine               | <5.71   | U *-      | 5.71  | 5.71   | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Pronamide                         | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Safrole, Total                    | <0.0919 | U *-      | 0.571 | 0.0919 | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Sulfotepp                         | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Thionazin                         | <0.339  | U **      | 1.14  | 0.339  | ug/L |   | 11/13/25 14:13 | 11/15/25 01:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 76        |           | 26 - 136 | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| 2-Fluorophenol (Surr)       | 38        |           | 19 - 120 | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 73        |           | 32 - 133 | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  | 11/13/25 14:13 | 11/15/25 01:04 | 1       |
| p-Terphenyl-d14             | 76        |           | 28 - 130 | 11/13/25 14:13 | 11/15/25 01:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.571 | 0.159 | ug/L |   | 11/13/25 14:13 | 11/19/25 09:53 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 | 11/13/25 14:13 | 11/19/25 09:53 | 1       |
| 2-Fluorobiphenyl            | 70        |           | 39 - 130 | 11/13/25 14:13 | 11/19/25 09:53 | 1       |
| 2-Fluorophenol (Surr)       | 43        |           | 19 - 120 | 11/13/25 14:13 | 11/19/25 09:53 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 | 11/13/25 14:13 | 11/19/25 09:53 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/13/25 14:13 | 11/19/25 09:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-04

Lab Sample ID: 860-116248-2

Date Collected: 11/11/25 08:23

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 68        |           | 28 - 130 | 11/13/25 14:13 | 11/19/25 09:53 | 1       |

Client Sample ID: CM-03

Lab Sample ID: 860-116248-3

Date Collected: 11/11/25 08:45

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/17/25 11:24 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 11:24 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/17/25 11:24 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/17/25 11:24 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/17/25 11:24 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/17/25 11:24 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/17/25 11:24 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/17/25 11:24 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/17/25 11:24 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/17/25 11:24 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/17/25 11:24 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Chloroform                            | 1.55   |           | 1.00 | 0.464 | ug/L |   |          | 11/17/25 11:24 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/17/25 11:24 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/17/25 11:24 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/17/25 11:24 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/17/25 11:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-03

Lab Sample ID: 860-116248-3

Date Collected: 11/11/25 08:45

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/17/25 11:24 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/17/25 11:24 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/17/25 11:24 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/17/25 11:24 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/17/25 11:24 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/17/25 11:24 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 11:24 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 11:24 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/17/25 11:24 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          | 11/17/25 11:24 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 75 - 131 |          | 11/17/25 11:24 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 11/17/25 11:24 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.575 | 0.121 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,2-Dichlorobenzene          | <0.102 | U         | 0.575 | 0.102 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.575 | 0.108 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U         | 0.575 | 0.110 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86  | U         | 2.87  | 1.86  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.433 | U         | 0.575 | 0.433 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.575 | 0.117 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,4-Dichlorophenol           | <0.127 | U         | 0.575 | 0.127 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,4-Dimethylphenol           | <0.113 | U         | 0.575 | 0.113 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,4-Dioxane                  | <0.105 | U         | 0.575 | 0.105 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,4-Dinitrophenol            | <1.39  | U         | 5.75  | 1.39  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,4-Dinitrotoluene           | <0.516 | U         | 1.15  | 0.516 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,6-Dinitrotoluene           | <0.275 | U         | 0.575 | 0.275 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-03

Lab Sample ID: 860-116248-3

Date Collected: 11/11/25 08:45

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chloronaphthalene         | <0.119  | U         | 0.575 | 0.119  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Methylnaphthalene         | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Methylphenol              | <0.110  | U         | 0.575 | 0.110  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Nitroaniline              | <0.159  | U         | 0.575 | 0.159  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Nitrophenol               | <0.138  | U         | 0.575 | 0.138  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 3 & 4 Methylphenol          | <0.0950 | U         | 0.575 | 0.0950 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 3-Nitroaniline              | <0.224  | U         | 1.15  | 0.224  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.24   | U         | 2.87  | 1.24   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U         | 0.575 | 0.106  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.575 | 0.120  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4-Chloroaniline             | <0.0886 | U         | 0.575 | 0.0886 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0959 | U         | 0.575 | 0.0959 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Acenaphthene                | <0.102  | U         | 0.575 | 0.102  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Acenaphthylene              | <0.126  | U         | 0.575 | 0.126  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Aniline                     | <0.453  | U *       | 1.15  | 0.453  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Anthracene                  | <0.105  | U         | 0.575 | 0.105  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.575 | 0.125  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Benzo[g,h,i]perylene        | <0.0908 | U         | 0.575 | 0.0908 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.575 | 0.124  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Benzyl alcohol              | <0.226  | U * - *1  | 2.87  | 0.226  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.575 | 0.108  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.575 | 0.107  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Bis(2-ethylhexyl) phthalate | 0.582   | J         | 1.15  | 0.574  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Butyl benzyl phthalate      | <0.338  | U         | 1.15  | 0.338  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Chrysene                    | <0.0971 | U         | 0.575 | 0.0971 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Dibenz(a,h)anthracene       | <0.0856 | U         | 0.115 | 0.0856 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.575 | 0.113  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Diethyl phthalate           | <0.188  | U         | 1.15  | 0.188  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Di-n-butyl phthalate        | <0.664  | U         | 1.15  | 0.664  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Di-n-octyl phthalate        | <0.287  | U         | 1.15  | 0.287  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Fluoranthene                | <0.121  | U         | 0.575 | 0.121  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Fluorene                    | <0.114  | U         | 0.575 | 0.114  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Hexachlorobenzene           | <0.133  | U         | 0.575 | 0.133  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Hexachlorobutadiene         | <0.163  | U         | 0.575 | 0.163  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Hexachloroethane            | <0.126  | U         | 0.575 | 0.126  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.575 | 0.103  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Isophorone                  | <0.106  | U         | 0.575 | 0.106  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Naphthalene                 | <0.115  | U         | 0.575 | 0.115  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.575 | 0.153  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.575 | 0.148  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.575 | 0.113  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Pentachlorophenol           | <0.314  | U         | 0.575 | 0.314  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Phenanthrene                | <0.107  | U         | 0.575 | 0.107  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Phenol                      | <0.509  | U         | 1.15  | 0.509  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-03

Lab Sample ID: 860-116248-3

Date Collected: 11/11/25 08:45

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pyrene                              | <0.130  | U         | 0.575 | 0.130  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Pyridine                            | <0.841  | U *- *1   | 2.87  | 0.841  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitro-o-toluidine                 | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.255  | U         | 0.575 | 0.255  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Acetophenone                        | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitrosopiperidine                 | <0.634  | U         | 1.15  | 0.634  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Pentachlorobenzene                  | <0.126  | U         | 0.575 | 0.126  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Diphenyl ether                      | <0.102  | U         | 0.575 | 0.102  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,1'-Biphenyl                       | <0.114  | U         | 0.575 | 0.114  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4-Aminobiphenyl                     | <0.196  | U         | 0.575 | 0.196  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.575 | 0.116  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,3,5-Trinitrobenzene               | <0.657  | U         | 1.15  | 0.657  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,3-Dinitrobenzene                  | <0.591  | U         | 1.15  | 0.591  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1,4-Naphthoquinone                  | <0.0616 | U         | 0.575 | 0.0616 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 1-Naphthylamine                     | <0.271  | U *-      | 0.575 | 0.271  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2,6-Dichlorophenol                  | <0.0978 | U         | 0.575 | 0.0978 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Acetylaminofluorene               | <1.72   | U         | 2.87  | 1.72   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.575 | 0.103  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Naphthylamine                     | <0.414  | U         | 0.575 | 0.414  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Picoline                          | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Toluidine                         | <0.427  | U         | 0.575 | 0.427  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.297  | U *- *1   | 0.575 | 0.297  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 3-Methylcholanthrene                | <0.0886 | U         | 0.575 | 0.0886 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.640  | U         | 1.15  | 0.640  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.129  | U         | 0.575 | 0.129  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U *-      | 5.75  | 1.46   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Aramite Peak 1                      | <0.185  | U         | 0.575 | 0.185  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Aramite Peak 2                      | <0.204  | U         | 0.575 | 0.204  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Aramite, Total                      | <0.185  | U *-      | 0.575 | 0.185  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Diallate                            | <0.0301 | U *-      | 0.575 | 0.0301 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Diallate Peak 1                     | <0.0752 | U         | 0.575 | 0.0752 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Diallate Peak 2                     | <0.0301 | U         | 0.575 | 0.0301 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Dimethoate                          | <0.502  | U **      | 2.87  | 0.502  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Dinoseb                             | <0.680  | U **      | 2.87  | 0.680  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.575 | 0.186  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Ethyl Parathion                     | <0.629  | U **      | 1.15  | 0.629  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Famphur                             | <0.260  | U         | 1.15  | 0.260  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Hexachloropropene                   | <0.575  | U         | 0.575 | 0.575  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Isosafrole                          | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Isosafrole Peak 1                   | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Isosafrole Peak 2                   | <0.0991 | U         | 0.575 | 0.0991 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Methapyrilene                       | <1.53   | U **      | 2.30  | 1.53   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Methyl methanesulfonate             | <0.187  | U         | 0.575 | 0.187  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Methyl parathion                    | <2.78   | U **      | 2.87  | 2.78   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitrosodiethylamine               | <0.677  | U         | 1.15  | 0.677  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitrosodi-n-butylamine            | <0.728  | U         | 1.15  | 0.728  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitrosomethylethylamine           | <0.705  | U         | 1.15  | 0.705  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-03

Lab Sample ID: 860-116248-3

Date Collected: 11/11/25 08:45

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomorpholine               | <0.717  | U         | 1.15  | 0.717  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.575 | 0.109  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.133  | U         | 0.575 | 0.133  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| p-Dimethylamino azobenzene        | <0.155  | U         | 0.575 | 0.155  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Pentachloronitrobenzene           | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Phenacetin                        | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Phorate                           | <2.62   | U **      | 5.75  | 2.62   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| p-Phenylene diamine               | <5.75   | U *       | 5.75  | 5.75   | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Pronamide                         | <0.135  | U         | 0.575 | 0.135  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Safrole, Total                    | <0.0926 | U *       | 0.575 | 0.0926 | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Sulfotepp                         | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Thionazin                         | <0.342  | U **      | 1.15  | 0.342  | ug/L |   | 11/13/25 14:13 | 11/15/25 00:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 76        |           | 26 - 136 | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Fluorobiphenyl            | 109       |           | 39 - 130 | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| 2-Fluorophenol (Surr)       | 29        |           | 19 - 120 | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 117       |           | 32 - 133 | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| Phenol-d5 (Surr)            | 13        |           | 8 - 124  | 11/13/25 14:13 | 11/15/25 00:33 | 1       |
| p-Terphenyl-d14             | 108       |           | 28 - 130 | 11/13/25 14:13 | 11/15/25 00:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.160 | U         | 0.575 | 0.160 | ug/L |   | 11/13/25 14:13 | 11/19/25 09:23 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 | 11/13/25 14:13 | 11/19/25 09:23 | 1       |
| 2-Fluorobiphenyl            | 113       |           | 39 - 130 | 11/13/25 14:13 | 11/19/25 09:23 | 1       |
| 2-Fluorophenol (Surr)       | 30        |           | 19 - 120 | 11/13/25 14:13 | 11/19/25 09:23 | 1       |
| Nitrobenzene-d5 (Surr)      | 115       |           | 32 - 133 | 11/13/25 14:13 | 11/19/25 09:23 | 1       |
| Phenol-d5 (Surr)            | 17        |           | 8 - 124  | 11/13/25 14:13 | 11/19/25 09:23 | 1       |
| p-Terphenyl-d14             | 95        |           | 28 - 130 | 11/13/25 14:13 | 11/19/25 09:23 | 1       |

Client Sample ID: CM-02

Lab Sample ID: 860-116248-4

Date Collected: 11/11/25 09:05

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/17/25 11:44 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-02

Lab Sample ID: 860-116248-4

Date Collected: 11/11/25 09:05

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/17/25 11:44 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 11:44 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/17/25 11:44 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/17/25 11:44 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/17/25 11:44 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Chloroform                       | 3.46   |           | 1.00 | 0.464 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/17/25 11:44 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/17/25 11:44 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Ethyl methacrylate               | <1.12  | U *       | 5.00 | 1.12  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/17/25 11:44 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/17/25 11:44 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/17/25 11:44 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/17/25 11:44 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/17/25 11:44 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-02

Lab Sample ID: 860-116248-4

Date Collected: 11/11/25 09:05

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/17/25 11:44 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/17/25 11:44 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/17/25 11:44 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/17/25 11:44 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/17/25 11:44 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/17/25 11:44 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/17/25 11:44 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/17/25 11:44 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 63 - 144 |          |      |   |          | 11/17/25 11:44 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          |      |   |          | 11/17/25 11:44 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 131 |          |      |   |          | 11/17/25 11:44 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          |      |   |          | 11/17/25 11:44 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.573 | 0.121  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.573 | 0.110  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.87  | 1.85   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.573 | 0.432  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.573 | 0.117  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.573 | 0.126  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.573 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.573 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U         | 5.73  | 1.39   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,4-Dinitrotoluene           | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,6-Dinitrotoluene           | <0.274  | U         | 0.573 | 0.274  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Chloronaphthalene          | <0.119  | U         | 0.573 | 0.119  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Nitroaniline               | <0.159  | U         | 0.573 | 0.159  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Nitrophenol                | <0.138  | U         | 0.573 | 0.138  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 3 & 4 Methylphenol           | <0.0947 | U         | 0.573 | 0.0947 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.15  | 0.223  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4-Chloroaniline              | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0957 | U         | 0.573 | 0.0957 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4-Nitroaniline               | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Acenaphthene                 | <0.102  | U         | 0.573 | 0.102  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Aniline                      | <0.451  | U         | 1.15  | 0.451  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Anthracene                   | <0.104  | U         | 0.573 | 0.104  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Benzo[a]pyrene               | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Benzo[b]fluoranthene         | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-02

Lab Sample ID: 860-116248-4

Date Collected: 11/11/25 09:05

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[g,h,i]perylene        | <0.0906 | U         | 0.573 | 0.0906 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.573 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Benzyl alcohol              | <0.225  | U         | 2.87  | 0.225  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.15  | 0.337  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Chrysene                    | <0.0968 | U         | 0.573 | 0.0968 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U         | 0.115 | 0.0853 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.15  | 0.187  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Di-n-butyl phthalate        | <0.662  | U         | 1.15  | 0.662  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.15  | 0.286  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Fluoranthene                | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Fluorene                    | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.573 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.573 | 0.162  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Isophorone                  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Naphthalene                 | <0.115  | U         | 0.573 | 0.115  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.573 | 0.153  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.573 | 0.148  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.573 | 0.313  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Phenanthrene                | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Phenol                      | <0.508  | U         | 1.15  | 0.508  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Pyrene                      | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Pyridine                    | <0.839  | U         | 2.87  | 0.839  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitro-o-toluidine         | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Acetophenone                | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosopiperidine         | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,1'-Biphenyl               | <0.114  | U         | 0.573 | 0.114  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,3,5-Trinitrobenzene       | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,3-Dinitrobenzene          | <0.589  | U         | 1.15  | 0.589  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1,4-Naphthoquinone          | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 1-Naphthylamine             | <0.270  | U         | 0.573 | 0.270  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2,6-Dichlorophenol          | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Chlorophenol              | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Naphthylamine             | <0.413  | U         | 0.573 | 0.413  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Picoline                  | <1.03   | U         | 1.15  | 1.03   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-02

Lab Sample ID: 860-116248-4

Date Collected: 11/11/25 09:05

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result    | Qualifier | RL       | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|-----------|----------|--------|------|---|----------------|----------------|---------|
| 2-Toluidine                      | <0.426    | U         | 0.573    | 0.426  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 3,3'-Dichlorobenzidine           | <0.652    | U         | 1.15     | 0.652  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 3,3'-Dimethylbenzidine           | <0.296    | U         | 0.573    | 0.296  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 3-Methylcholanthrene             | <0.0884   | U         | 0.573    | 0.0884 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.638    | U         | 1.15     | 0.638  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.128    | U         | 0.573    | 0.128  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Aramite Peak 1                   | <0.184    | U         | 0.573    | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Aramite Peak 2                   | <0.203    | U         | 0.573    | 0.203  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Aramite, Total                   | <0.184    | U *-      | 0.573    | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Diallate                         | <0.0300   | U         | 0.573    | 0.0300 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Diallate Peak 1                  | <0.0750   | U         | 0.573    | 0.0750 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Diallate Peak 2                  | <0.0300   | U         | 0.573    | 0.0300 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Dimethoate                       | <0.500    | U *+      | 2.87     | 0.500  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Dinoseb                          | <0.678    | U         | 2.87     | 0.678  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Disulfoton                       | <2.16     | U *+      | 2.87     | 2.16   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Ethyl methanesulfonate           | <0.186    | U         | 0.573    | 0.186  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Ethyl Parathion                  | <0.627    | U *+      | 1.15     | 0.627  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Famphur                          | <0.259    | U         | 1.15     | 0.259  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Hexachloropropene                | <0.573    | U         | 0.573    | 0.573  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Isosafrole                       | <0.0231   | U         | 0.573    | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Isosafrole Peak 1                | <0.0231   | U         | 0.573    | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Isosafrole Peak 2                | <0.0988   | U         | 0.573    | 0.0988 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Methapyrilene                    | <1.52     | U         | 2.29     | 1.52   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Methyl methanesulfonate          | <0.186    | U         | 0.573    | 0.186  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Methyl parathion                 | <2.77     | U *+      | 2.87     | 2.77   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosodiethylamine            | <0.675    | U         | 1.15     | 0.675  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosodimethylamine           | <0.160    | U         | 0.573    | 0.160  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosodi-n-butylamine         | <0.726    | U         | 1.15     | 0.726  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosomethylethylamine        | <0.703    | U         | 1.15     | 0.703  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosomorpholine              | <0.715    | U         | 1.15     | 0.715  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| N-Nitrosopyrrolidine             | <0.109    | U         | 0.573    | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.133    | U         | 0.573    | 0.133  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| p-Dimethylamino azobenzene       | <0.155    | U         | 0.573    | 0.155  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Pentachloronitrobenzene          | <0.253    | U         | 0.573    | 0.253  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Phenacetin                       | <0.253    | U         | 0.573    | 0.253  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Phorate                          | <2.62     | U *+      | 5.73     | 2.62   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| p-Phenylene diamine              | <5.73     | U         | 5.73     | 5.73   | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Pronamide                        | <0.135    | U         | 0.573    | 0.135  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Safrole, Total                   | <0.0923   | U *-      | 0.573    | 0.0923 | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Sulfotepp                        | <0.472    | U *+      | 1.15     | 0.472  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Thionazin                        | <0.341    | U         | 1.15     | 0.341  | ug/L |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Surrogate                        | %Recovery | Qualifier | Limits   |        |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)      | 31        |           | 26 - 136 |        |      |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Fluorobiphenyl                 | 60        |           | 39 - 130 |        |      |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| 2-Fluorophenol (Surr)            | 15        | S1-       | 19 - 120 |        |      |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Nitrobenzene-d5 (Surr)           | 75        |           | 32 - 133 |        |      |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| Phenol-d5 (Surr)                 | 9         |           | 8 - 124  |        |      |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |
| p-Terphenyl-d14                  | 52        |           | 28 - 130 |        |      |   | 11/13/25 14:15 | 11/15/25 01:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-02

Lab Sample ID: 860-116248-4

Date Collected: 11/11/25 09:05

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.46     | U *       | 5.73     | 1.46 | ug/L |   | 11/13/25 14:15 | 11/18/25 18:37 | 1       |
| Surrogate                           | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 31        |           | 26 - 136 |      |      |   | 11/13/25 14:15 | 11/18/25 18:37 | 1       |
| 2-Fluorobiphenyl                    | 56        |           | 39 - 130 |      |      |   | 11/13/25 14:15 | 11/18/25 18:37 | 1       |
| 2-Fluorophenol (Surr)               | 14        | S1-       | 19 - 120 |      |      |   | 11/13/25 14:15 | 11/18/25 18:37 | 1       |
| Nitrobenzene-d5 (Surr)              | 71        |           | 32 - 133 |      |      |   | 11/13/25 14:15 | 11/18/25 18:37 | 1       |
| Phenol-d5 (Surr)                    | 8         |           | 8 - 124  |      |      |   | 11/13/25 14:15 | 11/18/25 18:37 | 1       |
| p-Terphenyl-d14                     | 52        |           | 28 - 130 |      |      |   | 11/13/25 14:15 | 11/18/25 18:37 | 1       |

Client Sample ID: CM-01

Lab Sample ID: 860-116248-5

Date Collected: 11/11/25 09:38

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/17/25 12:05 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 12:05 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/17/25 12:05 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/17/25 12:05 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 12:05 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/17/25 12:05 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/17/25 12:05 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/17/25 12:05 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/17/25 12:05 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/17/25 12:05 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/17/25 12:05 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/17/25 12:05 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/17/25 12:05 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/17/25 12:05 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/17/25 12:05 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/17/25 12:05 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/17/25 12:05 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/17/25 12:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-01

Lab Sample ID: 860-116248-5

Date Collected: 11/11/25 09:38

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result      | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-------------|-----------|----------|----------|------|---|----------|----------------|---------|
| Chloroethane                 | <1.98       | U         | 10.0     | 1.98     | ug/L |   |          | 11/17/25 12:05 | 1       |
| <b>Chloroform</b>            | <b>4.06</b> |           | 1.00     | 0.464    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Chloromethane                | <2.04       | U         | 10.0     | 2.04     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Chloroprene                  | <0.598      | U         | 5.00     | 0.598    | ug/L |   |          | 11/17/25 12:05 | 1       |
| cis-1,2-Dichloroethene       | <0.457      | U         | 1.00     | 0.457    | ug/L |   |          | 11/17/25 12:05 | 1       |
| cis-1,3-Dichloropropene      | <1.07       | U         | 5.00     | 1.07     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Cumene (isopropylbenzene)    | <0.592      | U         | 1.00     | 0.592    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Cyclohexane                  | <1.29       | U         | 5.00     | 1.29     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Dibromomethane               | <0.357      | U         | 1.00     | 0.357    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Dichlorodifluoromethane      | <0.785      | U         | 1.00     | 0.785    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Ethyl methacrylate           | <1.12       | U *       | 5.00     | 1.12     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Ethylbenzene                 | <0.385      | U         | 1.00     | 0.385    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Hexane                       | <0.517      | U         | 5.00     | 0.517    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Iodomethane                  | <5.00       | U         | 20.0     | 5.00     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Isobutanol                   | <17.1       | U         | 50.0     | 17.1     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Methacrylonitrile            | <2.72       | U         | 10.0     | 2.72     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Methyl methacrylate          | <2.25       | U         | 10.0     | 2.25     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Methyl tert-butyl ether      | <1.39       | U         | 5.00     | 1.39     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Methylene Chloride           | <1.73       | U         | 5.00     | 1.73     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Propionitrile                | <3.34       | U         | 10.0     | 3.34     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Propylbenzene                | <0.429      | U         | 1.00     | 0.429    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Styrene                      | <0.619      | U         | 1.00     | 0.619    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Tetrachloroethene            | <0.655      | U         | 1.00     | 0.655    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Tetrahydrofuran              | <1.83       | U         | 10.0     | 1.83     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Toluene                      | <0.475      | U         | 1.00     | 0.475    | ug/L |   |          | 11/17/25 12:05 | 1       |
| trans-1,2-Dichloroethene     | <0.368      | U         | 1.00     | 0.368    | ug/L |   |          | 11/17/25 12:05 | 1       |
| trans-1,3-Dichloropropene    | <1.27       | U         | 5.00     | 1.27     | ug/L |   |          | 11/17/25 12:05 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35       | U         | 10.0     | 1.35     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Trichloroethene              | <1.50       | U         | 5.00     | 1.50     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Trichlorofluoromethane       | <0.560      | U         | 1.00     | 0.560    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Vinyl acetate                | <2.14       | U         | 20.0     | 2.14     | ug/L |   |          | 11/17/25 12:05 | 1       |
| Vinyl chloride               | <0.428      | U         | 2.00     | 0.428    | ug/L |   |          | 11/17/25 12:05 | 1       |
| Xylenes, Total               | <1.24       | U         | 2.00     | 1.24     | ug/L |   |          | 11/17/25 12:05 | 1       |
| m,p-Xylenes                  | <0.00124    | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/17/25 12:05 | 1       |
| o-Xylene                     | <0.000502   | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/17/25 12:05 | 1       |
| Surrogate                    | %Recovery   | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 110         |           | 63 - 144 |          |      |   |          | 11/17/25 12:05 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97          |           | 74 - 124 |          |      |   |          | 11/17/25 12:05 | 1       |
| Dibromofluoromethane (Surr)  | 102         |           | 75 - 131 |          |      |   |          | 11/17/25 12:05 | 1       |
| Toluene-d8 (Surr)            | 99          |           | 80 - 120 |          |      |   |          | 11/17/25 12:05 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.571 | 0.121 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.571 | 0.101 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.571 | 0.108 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,4-Dichlorobenzene          | <0.109 | U         | 0.571 | 0.109 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.85  | 1.85  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,4,5-Trichlorophenol        | <0.430 | U         | 0.571 | 0.430 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-01

Lab Sample ID: 860-116248-5

Date Collected: 11/11/25 09:38

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,4,6-Trichlorophenol       | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,4-Dichlorophenol          | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,4-Dimethylphenol          | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,4-Dioxane                 | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,4-Dinitrophenol           | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,4-Dinitrotoluene          | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,6-Dinitrotoluene          | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Chloronaphthalene         | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Nitroaniline              | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 3 & 4 Methylphenol          | <0.0943 | U         | 0.571 | 0.0943 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 3-Nitroaniline              | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4-Chloroaniline             | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0953 | U         | 0.571 | 0.0953 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4-Nitroaniline              | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Acenaphthene                | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Aniline                     | <0.449  | U         | 1.14  | 0.449  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Anthracene                  | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.285 | 0.127  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Benzo[g,h,i]perylene        | <0.0902 | U         | 0.571 | 0.0902 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.85  | 0.224  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.570  | U         | 1.14  | 0.570  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Chrysene                    | <0.0964 | U         | 0.571 | 0.0964 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Dibenz(a,h)anthracene       | <0.0849 | U         | 0.114 | 0.0849 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Di-n-butyl phthalate        | <0.659  | U         | 1.14  | 0.659  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Di-n-octyl phthalate        | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-01

Lab Sample ID: 860-116248-5

Date Collected: 11/11/25 09:38

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Naphthalene                    | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Nitrobenzene                   | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosodi-n-propylamine      | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosodiphenylamine         | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Pentachlorophenol              | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Phenanthrene                   | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Phenol                         | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Pyrene                         | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Pyridine                       | <0.835  | U         | 2.85  | 0.835  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitro-o-toluidine            | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Acetophenone                   | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosopiperidine            | <0.630  | U         | 1.14  | 0.630  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Pentachlorobenzene             | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Diphenyl ether                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,1'-Biphenyl                  | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4-Aminobiphenyl                | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,3,5-Trinitrobenzene          | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,3-Dinitrobenzene             | <0.586  | U         | 1.14  | 0.586  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1,4-Naphthoquinone             | <0.0611 | U         | 0.571 | 0.0611 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 1-Naphthylamine                | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2,6-Dichlorophenol             | <0.0971 | U         | 0.571 | 0.0971 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Acetylaminofluorene          | <1.70   | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Chlorophenol                 | <0.102  | U         | 0.571 | 0.102  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Naphthylamine                | <0.411  | U         | 0.571 | 0.411  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Picoline                     | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Toluidine                    | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 3,3'-Dichlorobenzidine         | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 3-Methylcholanthrene           | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Aramite Peak 1                 | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Aramite Peak 2                 | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Aramite, Total                 | <0.184  | U *-      | 0.571 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Diallate                       | <0.0298 | U         | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Diallate Peak 1                | <0.0747 | U         | 0.571 | 0.0747 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Diallate Peak 2                | <0.0298 | U         | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Dimethoate                     | <0.498  | U *+      | 2.85  | 0.498  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Dinoseb                        | <0.675  | U         | 2.85  | 0.675  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Disulfoton                     | <2.15   | U *+      | 2.85  | 2.15   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Ethyl methanesulfonate         | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Ethyl Parathion                | <0.625  | U *+      | 1.14  | 0.625  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Famphur                        | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Hexachloropropene              | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Isosafrole                     | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Isosafrole Peak 1              | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Isosafrole Peak 2              | <0.0983 | U         | 0.571 | 0.0983 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-01

Lab Sample ID: 860-116248-5

Date Collected: 11/11/25 09:38

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Methapyrilene                    | <1.52   | U         | 2.28  | 1.52   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Methyl methanesulfonate          | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Methyl parathion                 | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosodiethylamine            | <0.672  | U         | 1.14  | 0.672  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosodi-n-butylamine         | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosomethylethylamine        | <0.700  | U         | 1.14  | 0.700  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosomorpholine              | <0.712  | U         | 1.14  | 0.712  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Phenacetin                       | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Phorate                          | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| p-Phenylene diamine              | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Pronamide                        | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Safrrole, Total                  | <0.0919 | U *       | 0.571 | 0.0919 | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Sulfotepp                        | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Thionazin                        | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/13/25 14:15 | 11/15/25 02:21 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 36        |           | 26 - 136 | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Fluorobiphenyl            | 56        |           | 39 - 130 | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| 2-Fluorophenol (Surr)       | 16        | S1-       | 19 - 120 | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 32 - 133 | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| Phenol-d5 (Surr)            | 9         |           | 8 - 124  | 11/13/25 14:15 | 11/15/25 02:21 | 1       |
| p-Terphenyl-d14             | 47        |           | 28 - 130 | 11/13/25 14:15 | 11/15/25 02:21 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U *       | 5.71 | 1.45 | ug/L |   | 11/13/25 14:15 | 11/18/25 19:05 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 33        |           | 26 - 136 | 11/13/25 14:15 | 11/18/25 19:05 | 1       |
| 2-Fluorobiphenyl            | 52        |           | 39 - 130 | 11/13/25 14:15 | 11/18/25 19:05 | 1       |
| 2-Fluorophenol (Surr)       | 15        | S1-       | 19 - 120 | 11/13/25 14:15 | 11/18/25 19:05 | 1       |
| Nitrobenzene-d5 (Surr)      | 68        |           | 32 - 133 | 11/13/25 14:15 | 11/18/25 19:05 | 1       |
| Phenol-d5 (Surr)            | 8         |           | 8 - 124  | 11/13/25 14:15 | 11/18/25 19:05 | 1       |
| p-Terphenyl-d14             | 46        |           | 28 - 130 | 11/13/25 14:15 | 11/18/25 19:05 | 1       |

Client Sample ID: CM-00

Lab Sample ID: 860-116248-6

Date Collected: 11/11/25 09:56

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 12:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-00

Lab Sample ID: 860-116248-6

Date Collected: 11/11/25 09:56

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result      | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane               | <0.635      | U         | 1.00 | 0.635 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,1-Dichloroethene               | <0.738      | U         | 1.00 | 0.738 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,2,3-Trichloropropane           | <0.470      | U         | 1.00 | 0.470 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,2,4-Trimethylbenzene           | <0.417      | U         | 1.00 | 0.417 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,2-Dibromo-3-Chloropropane      | <0.671      | U         | 5.00 | 0.671 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,2-Dibromoethane                | <0.999      | U         | 5.00 | 0.999 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,2-Dichloroethane               | <0.372      | U         | 1.00 | 0.372 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,2-Dichloropropane              | <0.556      | U         | 5.00 | 0.556 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 1,3-Butadiene                    | <0.568      | U         | 1.00 | 0.568 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 2,2,4-Trimethylpentane           | <0.500      | U         | 5.00 | 0.500 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 2-Butanone (MEK)                 | <8.28       | U         | 50.0 | 8.28  | ug/L |   |          | 11/17/25 12:25 | 1       |
| 2-Hexanone (MBK)                 | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 12:25 | 1       |
| 2-Propanol                       | <5.23       | U         | 10.0 | 5.23  | ug/L |   |          | 11/17/25 12:25 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597      | U         | 5.00 | 0.597 | ug/L |   |          | 11/17/25 12:25 | 1       |
| 4-Methyl-2-pentanone             | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Acetone                          | <3.07       | U         | 100  | 3.07  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Acetonitrile                     | <14.6       | U         | 100  | 14.6  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Acrolein                         | <11.1       | U         | 50.0 | 11.1  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Acrylonitrile                    | <14.3       | U         | 50.0 | 14.3  | ug/L |   |          | 11/17/25 12:25 | 1       |
| alpha-Chlorotoluene              | <2.26       | U         | 5.00 | 2.26  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Benzene                          | <0.460      | U         | 1.00 | 0.460 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Bromodichloromethane             | <0.552      | U         | 1.00 | 0.552 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Bromoform                        | <0.633      | U         | 5.00 | 0.633 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Bromomethane                     | <1.42       | U         | 5.00 | 1.42  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Carbon disulfide                 | <1.65       | U         | 5.00 | 1.65  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Carbon tetrachloride             | <0.896      | U         | 2.00 | 0.896 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Chlorobenzene                    | <0.455      | U         | 1.00 | 0.455 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Chlorodibromomethane             | <0.547      | U         | 5.00 | 0.547 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Chloroethane                     | <1.98       | U         | 10.0 | 1.98  | ug/L |   |          | 11/17/25 12:25 | 1       |
| <b>Chloroform</b>                | <b>3.26</b> |           | 1.00 | 0.464 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Chloromethane                    | <2.04       | U         | 10.0 | 2.04  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Chloroprene                      | <0.598      | U         | 5.00 | 0.598 | ug/L |   |          | 11/17/25 12:25 | 1       |
| cis-1,2-Dichloroethene           | <0.457      | U         | 1.00 | 0.457 | ug/L |   |          | 11/17/25 12:25 | 1       |
| cis-1,3-Dichloropropene          | <1.07       | U         | 5.00 | 1.07  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Cumene (isopropylbenzene)        | <0.592      | U         | 1.00 | 0.592 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Cyclohexane                      | <1.29       | U         | 5.00 | 1.29  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Dibromomethane                   | <0.357      | U         | 1.00 | 0.357 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Dichlorodifluoromethane          | <0.785      | U         | 1.00 | 0.785 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Ethyl methacrylate               | <1.12       | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Ethylbenzene                     | <0.385      | U         | 1.00 | 0.385 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Hexane                           | <0.517      | U         | 5.00 | 0.517 | ug/L |   |          | 11/17/25 12:25 | 1       |
| Iodomethane                      | <5.00       | U         | 20.0 | 5.00  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Isobutanol                       | <17.1       | U         | 50.0 | 17.1  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Methacrylonitrile                | <2.72       | U         | 10.0 | 2.72  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Methyl methacrylate              | <2.25       | U         | 10.0 | 2.25  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Methyl tert-butyl ether          | <1.39       | U         | 5.00 | 1.39  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Methylene Chloride               | <1.73       | U         | 5.00 | 1.73  | ug/L |   |          | 11/17/25 12:25 | 1       |
| Propionitrile                    | <3.34       | U         | 10.0 | 3.34  | ug/L |   |          | 11/17/25 12:25 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-00

Lab Sample ID: 860-116248-6

Date Collected: 11/11/25 09:56

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/17/25 12:25 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/17/25 12:25 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/17/25 12:25 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/17/25 12:25 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/17/25 12:25 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/17/25 12:25 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/17/25 12:25 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/17/25 12:25 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/17/25 12:25 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/17/25 12:25 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/17/25 12:25 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/17/25 12:25 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/17/25 12:25 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 12:25 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 12:25 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 63 - 144 |          | 11/17/25 12:25 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          | 11/17/25 12:25 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 131 |          | 11/17/25 12:25 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 11/17/25 12:25 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.567 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.567 | 0.100  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.567 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,4,5-Trichlorophenol        | <0.428  | U         | 0.567 | 0.428  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.567 | 0.116  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.567 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.567 | 0.111  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,4-Dioxane                  | <0.104  | U         | 0.567 | 0.104  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.67  | 1.37   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,4-Dinitrotoluene           | <0.509  | U         | 1.13  | 0.509  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.567 | 0.271  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.567 | 0.117  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.567 | 0.157  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.567 | 0.136  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 3 & 4 Methylphenol           | <0.0937 | U         | 0.567 | 0.0937 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.13  | 0.221  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.567 | 0.118  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4-Chloroaniline              | <0.0875 | U         | 0.567 | 0.0875 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0947 | U         | 0.567 | 0.0947 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4-Nitroaniline               | <0.269  | U         | 1.13  | 0.269  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-00

Lab Sample ID: 860-116248-6

Date Collected: 11/11/25 09:56

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acenaphthene                | <0.101  | U         | 0.567 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Aniline                     | <0.447  | U         | 1.13  | 0.447  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Anthracene                  | <0.103  | U         | 0.567 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Benzo[a]pyrene              | <0.106  | U         | 0.284 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Benzo[b]fluoranthene        | <0.123  | U         | 0.567 | 0.123  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Benzo[g,h,i]perylene        | <0.0897 | U         | 0.567 | 0.0897 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Benzo[k]fluoranthene        | <0.122  | U         | 0.567 | 0.122  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Benzyl alcohol              | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.567  | U         | 1.13  | 0.567  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.13  | 0.334  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Chrysene                    | <0.0958 | U         | 0.567 | 0.0958 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Dibenz(a,h)anthracene       | <0.0845 | U         | 0.113 | 0.0845 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Dibenzofuran                | <0.111  | U         | 0.567 | 0.111  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.13  | 0.186  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.13  | 0.133  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.13  | 0.656  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.13  | 0.284  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Fluoranthene                | <0.119  | U         | 0.567 | 0.119  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Fluorene                    | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.567 | 0.161  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.13  | 0.178  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Isophorone                  | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Naphthalene                 | <0.113  | U         | 0.567 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.567 | 0.151  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.567 | 0.146  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.567 | 0.310  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Phenanthrene                | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Phenol                      | <0.503  | U         | 1.13  | 0.503  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Pyrene                      | <0.128  | U         | 0.567 | 0.128  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Pyridine                    | <0.831  | U         | 2.84  | 0.831  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitro-o-toluidine         | <0.647  | U         | 1.13  | 0.647  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.567 | 0.252  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Acetophenone                | <0.137  | U         | 1.13  | 0.137  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosopiperidine         | <0.626  | U         | 1.13  | 0.626  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Diphenyl ether              | <0.100  | U         | 0.567 | 0.100  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,1'-Biphenyl               | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4-Aminobiphenyl             | <0.193  | U         | 0.567 | 0.193  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.114  | U         | 0.567 | 0.114  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,3,5-Trinitrobenzene       | <0.648  | U         | 1.13  | 0.648  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1,3-Dinitrobenzene          | <0.583  | U         | 1.13  | 0.583  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

Client Sample ID: CM-00

Lab Sample ID: 860-116248-6

Date Collected: 11/11/25 09:56

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Naphthoquinone                | <0.0608 | U         | 0.567 | 0.0608 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 1-Naphthylamine                   | <0.267  | U         | 0.567 | 0.267  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2,6-Dichlorophenol                | <0.0966 | U         | 0.567 | 0.0966 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Acetylaminofluorene             | <1.69   | U         | 2.84  | 1.69   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Chlorophenol                    | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Naphthylamine                   | <0.409  | U         | 0.567 | 0.409  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Picoline                        | <1.02   | U         | 1.13  | 1.02   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Toluidine                       | <0.421  | U         | 0.567 | 0.421  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 3,3'-Dichlorobenzidine            | <0.645  | U         | 1.13  | 0.645  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 3,3'-Dimethylbenzidine            | <0.293  | U         | 0.567 | 0.293  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 3-Methylcholanthrene              | <0.0875 | U *       | 0.567 | 0.0875 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.632  | U         | 1.13  | 0.632  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.127  | U         | 0.567 | 0.127  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Aramite Peak 1                    | <0.183  | U         | 0.567 | 0.183  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Aramite Peak 2                    | <0.201  | U         | 0.567 | 0.201  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Aramite, Total                    | <0.183  | U *       | 0.567 | 0.183  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Diallate                          | <0.0297 | U *       | 0.567 | 0.0297 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Diallate Peak 1                   | <0.0742 | U         | 0.567 | 0.0742 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Diallate Peak 2                   | <0.0297 | U         | 0.567 | 0.0297 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Dimethoate                        | <0.495  | U **      | 2.84  | 0.495  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Dinoseb                           | <0.671  | U         | 2.84  | 0.671  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Disulfoton                        | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Ethyl methanesulfonate            | <0.184  | U         | 0.567 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Ethyl Parathion                   | <0.621  | U **      | 1.13  | 0.621  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Famphur                           | <0.257  | U         | 1.13  | 0.257  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Hexachloropropene                 | <0.567  | U         | 0.567 | 0.567  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Isosafrole                        | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Isosafrole Peak 1                 | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Isosafrole Peak 2                 | <0.0978 | U         | 0.567 | 0.0978 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Methapyrilene                     | <1.51   | U         | 2.27  | 1.51   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Methyl methanesulfonate           | <0.185  | U         | 0.567 | 0.185  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Methyl parathion                  | <2.74   | U **      | 2.84  | 2.74   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosodiethylamine             | <0.668  | U         | 1.13  | 0.668  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosodimethylamine            | <0.158  | U         | 0.567 | 0.158  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosodi-n-butylamine          | <0.718  | U         | 1.13  | 0.718  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosomethylethylamine         | <0.696  | U         | 1.13  | 0.696  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosomorpholine               | <0.708  | U         | 1.13  | 0.708  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| N-Nitrosopyrrolidine              | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| p-Dimethylamino azobenzene        | <0.153  | U         | 0.567 | 0.153  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Pentachloronitrobenzene           | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Phenacetin                        | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Phorate                           | <2.59   | U **      | 5.67  | 2.59   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| p-Phenylene diamine               | <5.67   | U         | 5.67  | 5.67   | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Pronamide                         | <0.133  | U *       | 0.567 | 0.133  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Safrole, Total                    | <0.0914 | U *       | 0.567 | 0.0914 | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Sulfotepp                         | <0.468  | U **      | 1.13  | 0.468  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Thionazin                         | <0.337  | U         | 1.13  | 0.337  | ug/L |   | 11/13/25 14:15 | 11/15/25 10:44 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

**Client Sample ID: CM-00**

**Lab Sample ID: 860-116248-6**

**Date Collected: 11/11/25 09:56**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 30        |           | 26 - 136 | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Fluorobiphenyl            | 61        |           | 39 - 130 | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| 2-Fluorophenol (Surr)       | 14        | S1-       | 19 - 120 | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Nitrobenzene-d5 (Surr)      | 73        |           | 32 - 133 | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| Phenol-d5 (Surr)            | 8         |           | 8 - 124  | 11/13/25 14:15 | 11/15/25 10:44 | 1       |
| p-Terphenyl-d14             | 50        |           | 28 - 130 | 11/13/25 14:15 | 11/15/25 10:44 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.44  | U *-      | 5.67 | 1.44 | ug/L |   | 11/13/25 14:15 | 11/18/25 20:28 | 1       |

# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|-------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                   |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-116248-1      | CM-05                  | 112                                            | 94              | 101              | 99              |
| 860-116248-1 MS   | CM-05                  | 99                                             | 93              | 98               | 99              |
| 860-116248-2      | CM-04                  | 112                                            | 93              | 103              | 99              |
| 860-116248-3      | CM-03                  | 112                                            | 93              | 103              | 99              |
| 860-116248-4      | CM-02                  | 113                                            | 94              | 102              | 99              |
| 860-116248-5      | CM-01                  | 110                                            | 97              | 102              | 99              |
| 860-116248-6      | CM-00                  | 113                                            | 94              | 104              | 99              |
| LCS 860-276231/3  | Lab Control Sample     | 100                                            | 95              | 97               | 99              |
| LCSD 860-276231/4 | Lab Control Sample Dup | 101                                            | 98              | 99               | 100             |
| MB 860-276231/9   | Method Blank           | 107                                            | 95              | 102              | 98              |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID            | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|--------------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                          |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116248-1             | CM-05                  | 79                                             | 68              | 33              | 73              | 18             | 79                 |
| 860-116248-1 - RA        | CM-05                  | 65                                             | 69              | 38              | 75              | 20             | 72                 |
| 860-116248-2             | CM-04                  | 76                                             | 69              | 38              | 73              | 18             | 76                 |
| 860-116248-2 - RA        | CM-04                  | 68                                             | 70              | 43              | 74              | 28             | 68                 |
| 860-116248-3             | CM-03                  | 76                                             | 109             | 29              | 117             | 13             | 108                |
| 860-116248-3 - RA        | CM-03                  | 68                                             | 113             | 30              | 115             | 17             | 95                 |
| 860-116248-4             | CM-02                  | 31                                             | 60              | 15 S1-          | 75              | 9              | 52                 |
| 860-116248-4 - RA        | CM-02                  | 31                                             | 56              | 14 S1-          | 71              | 8              | 52                 |
| 860-116248-5             | CM-01                  | 36                                             | 56              | 16 S1-          | 67              | 9              | 47                 |
| 860-116248-5 - RA        | CM-01                  | 33                                             | 52              | 15 S1-          | 68              | 8              | 46                 |
| 860-116248-6             | CM-00                  | 30                                             | 61              | 14 S1-          | 73              | 8              | 50                 |
| 860-116304-G-5-A MS      | Matrix Spike           | 150 S1+                                        | 105             | 54              | 136 S1+         | 33             | 116                |
| 860-116304-G-5-B MSD     | Matrix Spike Duplicate | 140 S1+                                        | 96              | 53              | 124             | 32             | 106                |
| LCS 860-275662/2-A       | Lab Control Sample     | 68                                             | 74              | 73              | 75              | 72             | 74                 |
| LCS 860-275662/2-A       | Lab Control Sample     | 69                                             | 68              | 74              | 67              | 61             | 70                 |
| LCS 860-275662/4-A       | Lab Control Sample     | 72                                             | 78              | 73              | 78              | 68             | 70                 |
| LCS 860-275664/2-A       | Lab Control Sample     | 60                                             | 59              | 59              | 59              | 59             | 59                 |
| LCS 860-275664/2-A - RA  | Lab Control Sample     | 56                                             | 54              | 59              | 62              | 49             | 58                 |
| LCS 860-275664/4-A       | Lab Control Sample     | 59                                             | 62              | 60              | 64              | 58             | 59                 |
| LCSD 860-275662/3-A      | Lab Control Sample Dup | 70                                             | 78              | 71              | 77              | 70             | 72                 |
| LCSD 860-275662/5-A      | Lab Control Sample Dup | 75                                             | 81              | 78              | 80              | 73             | 75                 |
| LCSD 860-275664/3-A      | Lab Control Sample Dup | 65                                             | 62              | 63              | 63              | 63             | 60                 |
| LCSD 860-275664/3-A - RA | Lab Control Sample Dup | 55                                             | 56              | 58              | 63              | 47             | 56                 |
| LCSD 860-275664/5-A      | Lab Control Sample Dup | 52                                             | 58              | 57              | 63              | 55             | 55                 |
| MB 860-275662/1-A        | Method Blank           | 59                                             | 72              | 74              | 74              | 69             | 73                 |
| MB 860-275662/1-A        | Method Blank           | 59                                             | 64              | 73              | 61              | 57             | 66                 |
| MB 860-275664/1-A        | Method Blank           | 56                                             | 59              | 63              | 60              | 60             | 62                 |

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## Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

### Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                     | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-----------------------------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                                   |                  | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| MB 860-275664/1-A - RA            | Method Blank     | 49                                             | 55              | 63              | 56              | 50             | 56                 |
| <b>Surrogate Legend</b>           |                  |                                                |                 |                 |                 |                |                    |
| TBP = 2,4,6-Tribromophenol (Surr) |                  |                                                |                 |                 |                 |                |                    |
| FBP = 2-Fluorobiphenyl            |                  |                                                |                 |                 |                 |                |                    |
| 2FP = 2-Fluorophenol (Surr)       |                  |                                                |                 |                 |                 |                |                    |
| NBZ = Nitrobenzene-d5 (Surr)      |                  |                                                |                 |                 |                 |                |                    |
| PHL = Phenol-d5 (Surr)            |                  |                                                |                 |                 |                 |                |                    |
| TPHd14 = p-Terphenyl-d14          |                  |                                                |                 |                 |                 |                |                    |

### Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |     |     |     |     |        |
|-----------------------------------|------------------------|------------------------------------------------|-----|-----|-----|-----|--------|
|                                   |                        | TBP                                            | FBP | 2FP | NBZ | PHL | TPHd14 |
| LCSD 860-275662/3-A               | Lab Control Sample Dup |                                                |     |     |     |     |        |
| <b>Surrogate Legend</b>           |                        |                                                |     |     |     |     |        |
| TBP = 2,4,6-Tribromophenol (Surr) |                        |                                                |     |     |     |     |        |
| FBP = 2-Fluorobiphenyl            |                        |                                                |     |     |     |     |        |
| 2FP = 2-Fluorophenol (Surr)       |                        |                                                |     |     |     |     |        |
| NBZ = Nitrobenzene-d5 (Surr)      |                        |                                                |     |     |     |     |        |
| PHL = Phenol-d5 (Surr)            |                        |                                                |     |     |     |     |        |
| TPHd14 = p-Terphenyl-d14          |                        |                                                |     |     |     |     |        |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-276231/9

Matrix: Water

Analysis Batch: 276231

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/17/25 10:22 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 10:22 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/17/25 10:22 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/17/25 10:22 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/17/25 10:22 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/17/25 10:22 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/17/25 10:22 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/17/25 10:22 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/17/25 10:22 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/17/25 10:22 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276231/9

Matrix: Water

Analysis Batch: 276231

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/17/25 10:22 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/17/25 10:22 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/17/25 10:22 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/17/25 10:22 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/17/25 10:22 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/17/25 10:22 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/17/25 10:22 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/17/25 10:22 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/17/25 10:22 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/17/25 10:22 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 10:22 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 10:22 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 107          |              | 63 - 144 |          | 11/17/25 10:22 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95           |              | 74 - 124 |          | 11/17/25 10:22 | 1       |
| Dibromofluoromethane (Surr)  | 102          |              | 75 - 131 |          | 11/17/25 10:22 | 1       |
| Toluene-d8 (Surr)            | 98           |              | 80 - 120 |          | 11/17/25 10:22 | 1       |

Lab Sample ID: LCS 860-276231/3

Matrix: Water

Analysis Batch: 276231

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 50.78      |               | ug/L |   | 102  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 48.29      |               | ug/L |   | 97   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 46.22      |               | ug/L |   | 92   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 49.35      |               | ug/L |   | 99   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 48.30      |               | ug/L |   | 97   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 45.34      |               | ug/L |   | 91   | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 45.66      |               | ug/L |   | 91   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 48.14      |               | ug/L |   | 96   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 48.45      |               | ug/L |   | 97   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 47.48      |               | ug/L |   | 95   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 49.54      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 49.48      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 47.98      |               | ug/L |   | 96   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 48.89      |               | ug/L |   | 98   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 62.03      |               | ug/L |   | 124  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276231/3

Matrix: Water

Analysis Batch: 276231

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 45.97      |               | ug/L |   | 92   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 261.9      |               | ug/L |   | 105  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 267.3      |               | ug/L |   | 107  | 60 - 140    |
| 2-Propanol                       | 500         | 460.2      |               | ug/L |   | 92   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 47.18      |               | ug/L |   | 94   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 258.2      |               | ug/L |   | 103  | 60 - 140    |
| Acetone                          | 250         | 273.7      |               | ug/L |   | 109  | 60 - 140    |
| Acetonitrile                     | 500         | 496.6      |               | ug/L |   | 99   | 60 - 140    |
| Acrolein                         | 250         | 206.8      |               | ug/L |   | 83   | 60 - 140    |
| Acrylonitrile                    | 500         | 455.4      |               | ug/L |   | 91   | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 46.37      |               | ug/L |   | 93   | 70 - 130    |
| Benzene                          | 50.0        | 47.86      |               | ug/L |   | 96   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 50.66      |               | ug/L |   | 101  | 65 - 135    |
| Bromoform                        | 50.0        | 55.51      |               | ug/L |   | 111  | 70 - 130    |
| Bromomethane                     | 50.0        | 58.77      |               | ug/L |   | 118  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 45.10      |               | ug/L |   | 90   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 47.25      |               | ug/L |   | 94   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 48.72      |               | ug/L |   | 97   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 50.89      |               | ug/L |   | 102  | 70 - 130    |
| Chloroethane                     | 50.0        | 51.27      |               | ug/L |   | 103  | 60 - 140    |
| Chloroform                       | 50.0        | 46.93      |               | ug/L |   | 94   | 70 - 130    |
| Chloromethane                    | 50.0        | 41.88      |               | ug/L |   | 84   | 60 - 140    |
| Chloroprene                      | 50.0        | 44.59      |               | ug/L |   | 89   | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 46.12      |               | ug/L |   | 92   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 50.34      |               | ug/L |   | 101  | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 54.18      |               | ug/L |   | 108  | 70 - 130    |
| Cyclohexane                      | 50.0        | 49.68      |               | ug/L |   | 99   | 65 - 130    |
| Dibromomethane                   | 50.0        | 49.92      |               | ug/L |   | 100  | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 64.81      |               | ug/L |   | 130  | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 66.19      | *+            | ug/L |   | 132  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 48.99      |               | ug/L |   | 98   | 70 - 130    |
| Hexane                           | 50.0        | 46.80      |               | ug/L |   | 94   | 65 - 140    |
| Iodomethane                      | 50.0        | 62.03      |               | ug/L |   | 124  | 50 - 150    |
| Isobutanol                       | 1240        | 1508       |               | ug/L |   | 122  | 60 - 140    |
| Methacrylonitrile                | 500         | 433.5      |               | ug/L |   | 87   | 70 - 130    |
| Methyl methacrylate              | 100         | 80.12      |               | ug/L |   | 80   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 41.13      |               | ug/L |   | 82   | 70 - 135    |
| Methylene Chloride               | 50.0        | 40.55      |               | ug/L |   | 81   | 71 - 125    |
| Propionitrile                    | 500         | 468.1      |               | ug/L |   | 94   | 70 - 130    |
| Propylbenzene                    | 50.0        | 47.40      |               | ug/L |   | 95   | 70 - 130    |
| Styrene                          | 50.0        | 52.96      |               | ug/L |   | 106  | 70 - 130    |
| Tetrachloroethene                | 50.0        | 50.27      |               | ug/L |   | 101  | 70 - 130    |
| Tetrahydrofuran                  | 100         | 92.95      |               | ug/L |   | 93   | 63 - 130    |
| Toluene                          | 50.0        | 47.12      |               | ug/L |   | 94   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 44.65      |               | ug/L |   | 89   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 51.82      |               | ug/L |   | 104  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 50.18      |               | ug/L |   | 100  | 70 - 130    |
| Trichloroethene                  | 50.0        | 49.25      |               | ug/L |   | 99   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 55.37      |               | ug/L |   | 111  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276231/3

Matrix: Water

Analysis Batch: 276231

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 247.7      |               | ug/L |   | 99   | 50 - 150    |
| Vinyl chloride | 50.0        | 54.60      |               | ug/L |   | 109  | 60 - 140    |
| Xylenes, Total | 100         | 98.13      |               | ug/L |   | 98   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04923    |               | mg/L |   | 98   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04890    |               | mg/L |   | 98   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 95            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 97            |               | 75 - 131 |
| Toluene-d8 (Surr)            | 99            |               | 80 - 120 |

Lab Sample ID: LCSD 860-276231/4

Matrix: Water

Analysis Batch: 276231

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 49.84       |                | ug/L |   | 100  | 70 - 130    | 2   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 46.37       |                | ug/L |   | 93   | 70 - 130    | 4   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 47.11       |                | ug/L |   | 94   | 70 - 130    | 2   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 48.15       |                | ug/L |   | 96   | 60 - 140    | 2   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 46.82       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 44.66       |                | ug/L |   | 89   | 70 - 130    | 2   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 43.28       |                | ug/L |   | 87   | 67 - 130    | 5   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 43.07       |                | ug/L |   | 86   | 70 - 130    | 11  | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 47.42       |                | ug/L |   | 95   | 70 - 130    | 2   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 48.61       |                | ug/L |   | 97   | 59 - 130    | 2   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 49.21       |                | ug/L |   | 98   | 70 - 130    | 1   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 47.79       |                | ug/L |   | 96   | 70 - 130    | 3   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 46.24       |                | ug/L |   | 92   | 70 - 130    | 4   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.63       |                | ug/L |   | 95   | 70 - 130    | 3   | 25        |
| 1,3-Butadiene                         | 50.0        | 57.22       |                | ug/L |   | 114  | 60 - 150    | 8   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 42.01       |                | ug/L |   | 84   | 70 - 130    | 9   | 25        |
| 2-Butanone (MEK)                      | 250         | 267.1       |                | ug/L |   | 107  | 67 - 140    | 2   | 25        |
| 2-Hexanone (MBK)                      | 250         | 269.2       |                | ug/L |   | 108  | 60 - 140    | 1   | 25        |
| 2-Propanol                            | 500         | 453.2       |                | ug/L |   | 91   | 50 - 150    | 2   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 44.55       |                | ug/L |   | 89   | 60 - 130    | 6   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 259.2       |                | ug/L |   | 104  | 60 - 140    | 0   | 25        |
| Acetone                               | 250         | 281.2       |                | ug/L |   | 112  | 60 - 140    | 3   | 25        |
| Acetonitrile                          | 500         | 502.3       |                | ug/L |   | 100  | 60 - 140    | 1   | 25        |
| Acrolein                              | 250         | 207.7       |                | ug/L |   | 83   | 60 - 140    | 0   | 25        |
| Acrylonitrile                         | 500         | 468.4       |                | ug/L |   | 94   | 60 - 140    | 3   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 46.43       |                | ug/L |   | 93   | 70 - 130    | 0   | 25        |
| Benzene                               | 50.0        | 45.31       |                | ug/L |   | 91   | 70 - 130    | 5   | 25        |
| Bromodichloromethane                  | 50.0        | 48.61       |                | ug/L |   | 97   | 65 - 135    | 4   | 25        |
| Bromoform                             | 50.0        | 56.23       |                | ug/L |   | 112  | 70 - 130    | 1   | 25        |
| Bromomethane                          | 50.0        | 57.28       |                | ug/L |   | 115  | 49 - 140    | 3   | 25        |
| Carbon disulfide                      | 50.0        | 42.38       |                | ug/L |   | 85   | 60 - 130    | 6   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276231/4

Matrix: Water

Analysis Batch: 276231

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 45.19       |                | ug/L |   | 90   | 70 - 130    | 4   | 25        |
| Chlorobenzene               | 50.0        | 47.42       |                | ug/L |   | 95   | 65 - 135    | 3   | 25        |
| Chlorodibromomethane        | 50.0        | 50.26       |                | ug/L |   | 101  | 70 - 130    | 1   | 25        |
| Chloroethane                | 50.0        | 48.46       |                | ug/L |   | 97   | 60 - 140    | 6   | 25        |
| Chloroform                  | 50.0        | 45.46       |                | ug/L |   | 91   | 70 - 130    | 3   | 25        |
| Chloromethane               | 50.0        | 39.49       |                | ug/L |   | 79   | 60 - 140    | 6   | 25        |
| Chloroprene                 | 50.0        | 42.25       |                | ug/L |   | 84   | 70 - 130    | 5   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 45.32       |                | ug/L |   | 91   | 70 - 130    | 2   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 49.02       |                | ug/L |   | 98   | 70 - 130    | 3   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 51.79       |                | ug/L |   | 104  | 70 - 130    | 5   | 25        |
| Cyclohexane                 | 50.0        | 46.74       |                | ug/L |   | 93   | 65 - 130    | 6   | 25        |
| Dibromomethane              | 50.0        | 48.51       |                | ug/L |   | 97   | 69 - 130    | 3   | 25        |
| Dichlorodifluoromethane     | 50.0        | 61.18       |                | ug/L |   | 122  | 50 - 150    | 6   | 25        |
| Ethyl methacrylate          | 50.0        | 66.13       | *+             | ug/L |   | 132  | 70 - 130    | 0   | 25        |
| Ethylbenzene                | 50.0        | 46.67       |                | ug/L |   | 93   | 70 - 130    | 5   | 25        |
| Hexane                      | 50.0        | 43.26       |                | ug/L |   | 87   | 65 - 140    | 8   | 25        |
| Iodomethane                 | 50.0        | 60.66       |                | ug/L |   | 121  | 50 - 150    | 2   | 25        |
| Isobutanol                  | 1240        | 1506        |                | ug/L |   | 121  | 60 - 140    | 0   | 25        |
| Methacrylonitrile           | 500         | 442.6       |                | ug/L |   | 89   | 70 - 130    | 2   | 25        |
| Methyl methacrylate         | 100         | 79.77       |                | ug/L |   | 80   | 70 - 130    | 0   | 25        |
| Methyl tert-butyl ether     | 50.0        | 41.38       |                | ug/L |   | 83   | 70 - 135    | 1   | 25        |
| Methylene Chloride          | 50.0        | 39.92       |                | ug/L |   | 80   | 71 - 125    | 2   | 25        |
| Propionitrile               | 500         | 474.8       |                | ug/L |   | 95   | 70 - 130    | 1   | 25        |
| Propylbenzene               | 50.0        | 46.65       |                | ug/L |   | 93   | 70 - 130    | 2   | 25        |
| Styrene                     | 50.0        | 50.93       |                | ug/L |   | 102  | 70 - 130    | 4   | 25        |
| Tetrachloroethene           | 50.0        | 48.22       |                | ug/L |   | 96   | 70 - 130    | 4   | 25        |
| Tetrahydrofuran             | 100         | 91.84       |                | ug/L |   | 92   | 63 - 130    | 1   | 25        |
| Toluene                     | 50.0        | 45.26       |                | ug/L |   | 91   | 70 - 130    | 4   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 42.77       |                | ug/L |   | 86   | 70 - 130    | 4   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 50.45       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 52.35       |                | ug/L |   | 105  | 70 - 130    | 4   | 25        |
| Trichloroethene             | 50.0        | 46.24       |                | ug/L |   | 92   | 70 - 135    | 6   | 25        |
| Trichlorofluoromethane      | 50.0        | 52.88       |                | ug/L |   | 106  | 60 - 140    | 5   | 25        |
| Vinyl acetate               | 250         | 239.1       |                | ug/L |   | 96   | 50 - 150    | 4   | 25        |
| Vinyl chloride              | 50.0        | 50.51       |                | ug/L |   | 101  | 60 - 140    | 8   | 25        |
| Xylenes, Total              | 100         | 93.41       |                | ug/L |   | 93   | 70 - 130    | 5   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.04697     |                | mg/L |   | 94   | 70 - 130    | 5   | 25        |
| o-Xylene                    | 0.0500      | 0.04644     |                | mg/L |   | 93   | 70 - 130    | 5   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 99             |                | 75 - 131 |
| Toluene-d8 (Surr)            | 100            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116248-1 MS

Matrix: Water

Analysis Batch: 276231

Client Sample ID: CM-05

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 51.19     |              | ug/L |   | 102  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 50.25     |              | ug/L |   | 101  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 44.80     |              | ug/L |   | 90   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 53.86     |              | ug/L |   | 108  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 48.16     |              | ug/L |   | 96   | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 46.70     |              | ug/L |   | 93   | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 48.27     |              | ug/L |   | 97   | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 47.34     |              | ug/L |   | 95   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 47.23     |              | ug/L |   | 94   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 44.53     |              | ug/L |   | 89   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 48.89     |              | ug/L |   | 98   | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 50.47     |              | ug/L |   | 101  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 48.65     |              | ug/L |   | 97   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 47.52     |              | ug/L |   | 95   | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 53.01     |              | ug/L |   | 106  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 49.45     |              | ug/L |   | 99   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 280.1     |              | ug/L |   | 112  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 275.0     |              | ug/L |   | 110  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 470.7     |              | ug/L |   | 94   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 49.42     |              | ug/L |   | 99   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 263.2     |              | ug/L |   | 105  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 300.4     |              | ug/L |   | 120  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 513.0     |              | ug/L |   | 103  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 232.9     |              | ug/L |   | 93   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 464.4     |              | ug/L |   | 93   | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 46.64     |              | ug/L |   | 93   | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 48.81     |              | ug/L |   | 98   | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 50.99     |              | ug/L |   | 102  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 54.67     |              | ug/L |   | 109  | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 55.93     |              | ug/L |   | 112  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 49.49     |              | ug/L |   | 99   | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 49.67     |              | ug/L |   | 99   | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 49.62     |              | ug/L |   | 99   | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 51.09     |              | ug/L |   | 102  | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 45.66     |              | ug/L |   | 91   | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 48.26     |              | ug/L |   | 97   | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 36.78     |              | ug/L |   | 74   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 47.57     |              | ug/L |   | 95   | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 48.04     |              | ug/L |   | 96   | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 52.18     |              | ug/L |   | 104  | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 54.87     |              | ug/L |   | 110  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 51.89     |              | ug/L |   | 104  | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 50.73     |              | ug/L |   | 101  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 51.57     |              | ug/L |   | 103  | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U *+ F1          | 50.0        | 68.68     | F1           | ug/L |   | 137  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 49.18     |              | ug/L |   | 98   | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 50.49     |              | ug/L |   | 101  | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 65.28     |              | ug/L |   | 131  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116248-1 MS

Matrix: Water

Analysis Batch: 276231

Client Sample ID: CM-05

Prep Type: Total/NA

| Analyte                      | Sample    | Sample    | Spike  | MS      | MS        | Unit | D | %Rec      | %Rec      | Limits   |
|------------------------------|-----------|-----------|--------|---------|-----------|------|---|-----------|-----------|----------|
|                              | Result    | Qualifier | Added  | Result  | Qualifier |      |   |           |           |          |
| Isobutanol                   | <17.1     | U         | 1240   | 1471    |           | ug/L |   | 119       |           | 60 - 140 |
| Methacrylonitrile            | <2.72     | U         | 500    | 455.2   |           | ug/L |   | 91        |           | 70 - 130 |
| Methyl methacrylate          | <2.25     | U         | 100    | 84.42   |           | ug/L |   | 84        |           | 70 - 130 |
| Methyl tert-butyl ether      | <1.39     | U         | 50.0   | 41.91   |           | ug/L |   | 84        |           | 70 - 135 |
| Methylene Chloride           | <1.73     | U         | 50.0   | 41.97   |           | ug/L |   | 84        |           | 71 - 125 |
| Propionitrile                | <3.34     | U         | 500    | 501.8   |           | ug/L |   | 100       |           | 70 - 130 |
| Propylbenzene                | <0.429    | U         | 50.0   | 46.79   |           | ug/L |   | 94        |           | 70 - 130 |
| Styrene                      | <0.619    | U         | 50.0   | 52.74   |           | ug/L |   | 105       |           | 70 - 130 |
| Tetrachloroethene            | <0.655    | U         | 50.0   | 51.64   |           | ug/L |   | 103       |           | 70 - 130 |
| Tetrahydrofuran              | <1.83     | U         | 100    | 91.64   |           | ug/L |   | 92        |           | 63 - 130 |
| Toluene                      | <0.475    | U         | 50.0   | 47.74   |           | ug/L |   | 95        |           | 70 - 130 |
| trans-1,2-Dichloroethene     | <0.368    | U         | 50.0   | 46.55   |           | ug/L |   | 93        |           | 70 - 130 |
| trans-1,3-Dichloropropene    | <1.27     | U         | 50.0   | 52.45   |           | ug/L |   | 105       |           | 70 - 130 |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 50.0   | 49.46   |           | ug/L |   | 99        |           | 70 - 130 |
| Trichloroethene              | <1.50     | U         | 50.0   | 50.53   |           | ug/L |   | 101       |           | 70 - 135 |
| Trichlorofluoromethane       | <0.560    | U         | 50.0   | 48.57   |           | ug/L |   | 97        |           | 60 - 140 |
| Vinyl acetate                | <2.14     | U         | 250    | 265.5   |           | ug/L |   | 106       |           | 50 - 150 |
| Vinyl chloride               | <0.428    | U         | 50.0   | 46.87   |           | ug/L |   | 94        |           | 60 - 140 |
| Xylenes, Total               | <1.24     | U         | 100    | 98.57   |           | ug/L |   | 99        |           | 70 - 130 |
| m,p-Xylenes                  | <0.00124  | U         | 0.0500 | 0.04917 |           | mg/L |   | 98        |           | 70 - 130 |
| o-Xylene                     | <0.000502 | U         | 0.0500 | 0.04940 |           | mg/L |   | 99        |           | 70 - 130 |
|                              |           |           |        |         |           |      |   |           |           |          |
| Surrogate                    | MS        | MS        |        |         | MS        | MS   | D | %Recovery | Qualifier | Limits   |
|                              |           |           |        |         |           |      |   |           |           |          |
| 1,2-Dichloroethane-d4 (Surr) |           |           |        |         |           |      |   | 99        |           | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  |           |           |        |         |           |      |   | 93        |           | 74 - 124 |
| Dibromofluoromethane (Surr)  |           |           |        |         |           |      |   | 98        |           | 75 - 131 |
| Toluene-d8 (Surr)            |           |           |        |         |           |      |   | 99        |           | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | MB     | MB        | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
|                              | Result | Qualifier |       |       |      |   |                |                |         |
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.571 | 0.121 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.571 | 0.101 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.571 | 0.108 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U         | 0.571 | 0.110 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.86  | 1.85  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.431 | U         | 0.571 | 0.431 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.571 | 0.117 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.571 | 0.126 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.571 | 0.112 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Dioxane                  | <0.105 | U         | 0.571 | 0.105 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dinitrophenol            | <1.38  | U         | 5.71  | 1.38  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dinitrotoluene           | <0.513 | U         | 1.14  | 0.513 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,6-Dinitrotoluene           | <0.273 | U         | 0.571 | 0.273 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Chloronaphthalene          | <0.118 | U         | 0.571 | 0.118 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Methylnaphthalene         | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Methylphenol              | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Nitroaniline              | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Nitrophenol               | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3 & 4 Methylphenol          | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3-Nitroaniline              | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chloro-3-methylphenol     | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Pyridine                       | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitro-o-toluidine            | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acetophenone                   | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosopiperidine            | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorobenzene             | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diphenyl ether                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,1'-Biphenyl                  | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Aminobiphenyl                | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3,5-Trinitrobenzene          | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3-Dinitrobenzene             | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Naphthoquinone             | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1-Naphthylamine                | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,6-Dichlorophenol             | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Acetylaminofluorene          | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Chlorophenol                 | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Naphthylamine                | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Picoline                     | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Toluidine                    | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dichlorobenzidine         | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3-Methylcholanthrene           | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 1                 | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 2                 | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite, Total                 | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate                       | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 1                | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 2                | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethoate                     | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dinoseb                        | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Disulfoton                     | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl methanesulfonate         | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl Parathion                | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Famphur                        | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloropropene              | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole                     | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 1              | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 2              | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methapyrilene                  | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl methanesulfonate        | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl parathion               | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiethylamine          | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodimethylamine         | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-butylamine       | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomethylethylamine      | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomorpholine            | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosopyrrolidine             | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Safrole, Total                   | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Sulfotepp                        | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Thionazin                        | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59           |              | 26 - 136 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorobiphenyl            | 72           |              | 39 - 130 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorophenol (Surr)       | 74           |              | 19 - 120 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 74           |              | 32 - 133 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol-d5 (Surr)            | 69           |              | 8 - 124  | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Terphenyl-d14             | 73           |              | 28 - 130 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71 | 1.45 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59           |              | 26 - 136 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorobiphenyl            | 64           |              | 39 - 130 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorophenol (Surr)       | 73           |              | 19 - 120 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Nitrobenzene-d5 (Surr)      | 61           |              | 32 - 133 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Phenol-d5 (Surr)            | 57           |              | 8 - 124  | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| p-Terphenyl-d14             | 66           |              | 28 - 130 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.890      |               | ug/L |   | 86   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 4.797      |               | ug/L |   | 84   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 4.784      |               | ug/L |   | 84   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 4.719      |               | ug/L |   | 83   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.713      |               | ug/L |   | 82   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 5.156      |               | ug/L |   | 90   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.700      |               | ug/L |   | 82   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 4.412      |               | ug/L |   | 77   | 60 - 147    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,4-Dimethylphenol          | 5.71        | 4.495      |               | ug/L |   | 79   | 58 - 140    |
| 1,4-Dioxane                 | 5.71        | 3.630      |               | ug/L |   | 64   | 31 - 145    |
| 2,4-Dinitrophenol           | 5.71        | 5.424      | J             | ug/L |   | 95   | 10 - 150    |
| 2,4-Dinitrotoluene          | 5.71        | 5.095      |               | ug/L |   | 89   | 29 - 150    |
| 2,6-Dinitrotoluene          | 5.71        | 5.087      |               | ug/L |   | 89   | 55 - 150    |
| 2-Chloronaphthalene         | 5.71        | 4.521      |               | ug/L |   | 79   | 39 - 141    |
| 2-Methylnaphthalene         | 5.71        | 4.571      |               | ug/L |   | 80   | 33 - 149    |
| 2-Methylphenol              | 5.71        | 5.441      |               | ug/L |   | 95   | 49 - 140    |
| 2-Nitroaniline              | 5.71        | 5.111      |               | ug/L |   | 89   | 42 - 150    |
| 2-Nitrophenol               | 5.71        | 5.360      |               | ug/L |   | 94   | 43 - 150    |
| 3 & 4 Methylphenol          | 5.71        | 4.462      |               | ug/L |   | 78   | 39 - 142    |
| 3-Nitroaniline              | 5.71        | 3.469      |               | ug/L |   | 61   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 4.848      |               | ug/L |   | 85   | 10 - 150    |
| 4-Bromophenyl phenyl ether  | 5.71        | 4.872      |               | ug/L |   | 85   | 56 - 136    |
| 4-Chloro-3-methylphenol     | 5.71        | 4.498      |               | ug/L |   | 79   | 52 - 137    |
| 4-Chloroaniline             | 5.71        | 1.938      |               | ug/L |   | 34   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | 5.71        | 4.612      |               | ug/L |   | 81   | 53 - 134    |
| 4-Nitroaniline              | 5.71        | 4.549      |               | ug/L |   | 80   | 45 - 148    |
| Acenaphthene                | 5.71        | 4.673      |               | ug/L |   | 82   | 48 - 136    |
| Acenaphthylene              | 5.71        | 4.525      |               | ug/L |   | 79   | 40 - 149    |
| Aniline                     | 5.71        | 0.8245     | J             | ug/L |   | 14   | 10 - 73     |
| Anthracene                  | 5.71        | 4.865      |               | ug/L |   | 85   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 4.592      |               | ug/L |   | 80   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 4.904      |               | ug/L |   | 86   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 4.863      |               | ug/L |   | 85   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 4.552      | I             | ug/L |   | 80   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.592      |               | ug/L |   | 80   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 2.638      | J             | ug/L |   | 46   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.728      |               | ug/L |   | 83   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.141      |               | ug/L |   | 90   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.972      |               | ug/L |   | 70   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.799      |               | ug/L |   | 84   | 60 - 150    |
| Chrysene                    | 5.71        | 4.820      |               | ug/L |   | 84   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.820      |               | ug/L |   | 84   | 50 - 147    |
| Dibenzofuran                | 5.71        | 4.957      |               | ug/L |   | 87   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.636      |               | ug/L |   | 81   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.703      |               | ug/L |   | 82   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.672      |               | ug/L |   | 82   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 4.969      |               | ug/L |   | 87   | 55 - 150    |
| Fluoranthene                | 5.71        | 4.611      |               | ug/L |   | 81   | 50 - 144    |
| Fluorene                    | 5.71        | 4.656      |               | ug/L |   | 81   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 4.878      |               | ug/L |   | 85   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 4.550      |               | ug/L |   | 80   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 5.403      |               | ug/L |   | 95   | 24 - 150    |
| Hexachloroethane            | 5.71        | 5.028      |               | ug/L |   | 88   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.646      |               | ug/L |   | 81   | 46 - 138    |
| Isophorone                  | 5.71        | 4.518      |               | ug/L |   | 79   | 48 - 147    |
| Naphthalene                 | 5.71        | 4.538      |               | ug/L |   | 79   | 35 - 141    |
| Nitrobenzene                | 5.71        | 4.976      |               | ug/L |   | 87   | 52 - 141    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| N-Nitrosodi-n-propylamine      | 5.71        | 4.909      |               | ug/L |   | 86   | 41 - 137    |
| N-Nitrosodiphenylamine         | 5.71        | 4.835      |               | ug/L |   | 85   | 51 - 135    |
| Pentachlorophenol              | 5.71        | 4.419      |               | ug/L |   | 77   | 33 - 150    |
| Phenanthrene                   | 5.71        | 4.998      |               | ug/L |   | 87   | 54 - 141    |
| Phenol                         | 5.71        | 4.213      |               | ug/L |   | 74   | 40 - 145    |
| Pyrene                         | 5.71        | 4.870      |               | ug/L |   | 85   | 50 - 143    |
| Pyridine                       | 5.71        | <0.837     | U             | ug/L |   | 10   | 10 - 84     |
| N-Nitro-o-toluidine            | 5.71        | 3.433      |               | ug/L |   | 60   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 5.278      |               | ug/L |   | 92   | 60 - 150    |
| Acetophenone                   | 5.71        | 3.671      |               | ug/L |   | 64   | 52 - 136    |
| N-Nitrosopiperidine            | 5.71        | 3.571      |               | ug/L |   | 62   | 36 - 148    |
| Pentachlorobenzene             | 5.71        | 3.768      |               | ug/L |   | 66   | 52 - 128    |
| Diphenyl ether                 | 5.71        | 3.685      |               | ug/L |   | 64   | 46 - 130    |
| 1,1'-Biphenyl                  | 5.71        | 3.574      |               | ug/L |   | 63   | 39 - 142    |
| 4-Aminobiphenyl                | 5.71        | 1.476      |               | ug/L |   | 26   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 3.759      |               | ug/L |   | 66   | 46 - 125    |
| 1,3,5-Trinitrobenzene          | 5.71        | 3.670      |               | ug/L |   | 64   | 42 - 130    |
| 1,3-Dinitrobenzene             | 5.71        | 5.872      |               | ug/L |   | 103  | 65 - 150    |
| 1,4-Naphthoquinone             | 5.71        | 3.468      |               | ug/L |   | 61   | 24 - 137    |
| 1-Naphthylamine                | 5.71        | 1.436      |               | ug/L |   | 25   | 10 - 130    |
| 2,6-Dichlorophenol             | 5.71        | 3.482      |               | ug/L |   | 61   | 42 - 145    |
| 2-Acetylaminofluorene          | 5.71        | 4.221      |               | ug/L |   | 74   | 45 - 150    |
| 2-Chlorophenol                 | 5.71        | 4.912      |               | ug/L |   | 86   | 51 - 143    |
| 2-Naphthylamine                | 5.71        | 1.526      |               | ug/L |   | 27   | 17 - 130    |
| 2-Picoline                     | 5.71        | <1.03      | U *-          | ug/L |   | 4    | 10 - 143    |
| 2-Toluidine                    | 5.71        | 1.663      |               | ug/L |   | 29   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.7307     | J             | ug/L |   | 13   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295     | U *-          | ug/L |   | 5    | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 3.564      |               | ug/L |   | 62   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.113      |               | ug/L |   | 72   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.502      |               | ug/L |   | 61   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 2.028      |               | ug/L |   | 71   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.967      |               | ug/L |   | 69   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.786      |               | ug/L |   | 66   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 1.046      |               | ug/L |   | 70   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.769      |               | ug/L |   | 66   | 45 - 138    |
| Hexachloropropene              | 5.71        | 4.259      |               | ug/L |   | 75   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.699      |               | ug/L |   | 65   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.5832     |               | ug/L |   | 64   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 3.116      |               | ug/L |   | 65   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.749      |               | ug/L |   | 66   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.856      |               | ug/L |   | 67   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.990      |               | ug/L |   | 87   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.240      |               | ug/L |   | 74   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.803      |               | ug/L |   | 67   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.842      |               | ug/L |   | 67   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.849      |               | ug/L |   | 67   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 3.989      |               | ug/L |   | 70   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 4.239      |               | ug/L |   | 74   | 38 - 145    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|------|---|------|-------------|
| Phenacetin          | 5.71        | 3.851      |               | ug/L |   | 67   | 50 - 150    |
| p-Phenylene diamine | 5.71        | <5.71      | U *           | ug/L |   | 0    | 5 - 112     |
| Pronamide           | 5.71        | 3.965      |               | ug/L |   | 69   | 60 - 150    |
| Safrole, Total      | 5.71        | 3.567      | *             | ug/L |   | 62   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 68            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 74            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 73            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 75            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 72            |               | 8 - 124  |
| p-Terphenyl-d14             | 74            |               | 28 - 130 |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45      | U *           | ug/L |   | 0    | 5 - 150     |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 69            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 68            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 74            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 67            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 61            |               | 8 - 124  |
| p-Terphenyl-d14             | 70            |               | 28 - 130 |

Lab Sample ID: LCS 860-275662/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate                       | 2.86        | 9.155      | *+            | ug/L |   | 320  | 70 - 150    |
| Dinoseb                          | 5.71        | 9.349      | *+            | ug/L |   | 164  | 10 - 150    |
| Disulfoton                       | 2.86        | 7.673      | *+            | ug/L |   | 269  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 8.048      | *+            | ug/L |   | 282  | 70 - 150    |
| Famphur                          | 2.86        | 3.746      |               | ug/L |   | 131  | 10 - 150    |
| Methapyrilene                    | 5.71        | 7.761      |               | ug/L |   | 136  | 10 - 150    |
| Methyl parathion                 | 2.86        | 7.995      | *+            | ug/L |   | 280  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.839      |               | ug/L |   | 99   | 38 - 150    |
| Phorate                          | 2.86        | 8.117      | *+            | ug/L |   | 284  | 65 - 150    |
| Sulfotepp                        | 2.86        | 7.899      | *+            | ug/L |   | 276  | 28 - 150    |
| Thionazin                        | 2.86        | 4.083      | *+            | ug/L |   | 143  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 72            |               | 26 - 136 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

|                        | LCS       | LCS       |          |
|------------------------|-----------|-----------|----------|
| Surrogate              | %Recovery | Qualifier | Limits   |
| 2-Fluorobiphenyl       | 78        |           | 39 - 130 |
| 2-Fluorophenol (Surr)  | 73        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) | 78        |           | 32 - 133 |
| Phenol-d5 (Surr)       | 68        |           | 8 - 124  |
| p-Terphenyl-d14        | 70        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.155       |                | ug/L |   | 90   | 55 - 120    | 5   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.815       |                | ug/L |   | 84   | 65 - 130    | 0   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.799       |                | ug/L |   | 84   | 26 - 130    | 0   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 4.774       |                | ug/L |   | 84   | 60 - 150    | 1   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.526       |                | ug/L |   | 79   | 65 - 145    | 4   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.839       |                | ug/L |   | 85   | 58 - 150    | 6   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.436       |                | ug/L |   | 78   | 39 - 145    | 6   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.555       |                | ug/L |   | 80   | 60 - 147    | 3   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.764       |                | ug/L |   | 83   | 58 - 140    | 6   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.607       |                | ug/L |   | 63   | 31 - 145    | 1   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 4.976       | J              | ug/L |   | 87   | 10 - 150    | 9   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 5.360       |                | ug/L |   | 94   | 29 - 150    | 5   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 5.312       |                | ug/L |   | 93   | 55 - 150    | 4   | 30        |
| 2-Chloronaphthalene          | 5.71        | 4.534       |                | ug/L |   | 79   | 39 - 141    | 0   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.823       |                | ug/L |   | 84   | 33 - 149    | 5   | 30        |
| 2-Methylphenol               | 5.71        | 5.211       |                | ug/L |   | 91   | 49 - 140    | 4   | 30        |
| 2-Nitroaniline               | 5.71        | 5.184       |                | ug/L |   | 91   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol                | 5.71        | 5.548       |                | ug/L |   | 97   | 43 - 150    | 3   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 4.144       |                | ug/L |   | 73   | 39 - 142    | 7   | 30        |
| 3-Nitroaniline               | 5.71        | 3.526       |                | ug/L |   | 62   | 25 - 130    | 2   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 5.186       |                | ug/L |   | 91   | 10 - 150    | 7   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.161       |                | ug/L |   | 90   | 56 - 136    | 6   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.593       |                | ug/L |   | 80   | 52 - 137    | 2   | 30        |
| 4-Chloroaniline              | 5.71        | 1.944       |                | ug/L |   | 34   | 10 - 95     | 0   | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.914       |                | ug/L |   | 86   | 53 - 134    | 6   | 30        |
| 4-Nitroaniline               | 5.71        | 5.257       |                | ug/L |   | 92   | 45 - 148    | 14  | 30        |
| Acenaphthene                 | 5.71        | 4.980       |                | ug/L |   | 87   | 48 - 136    | 6   | 30        |
| Acenaphthylene               | 5.71        | 4.738       |                | ug/L |   | 83   | 40 - 149    | 5   | 30        |
| Aniline                      | 5.71        | 0.6084      | J              | ug/L |   | 11   | 10 - 73     | 30  | 30        |
| Anthracene                   | 5.71        | 4.766       |                | ug/L |   | 83   | 51 - 146    | 2   | 30        |
| Benzo[a]anthracene           | 5.71        | 4.802       |                | ug/L |   | 84   | 43 - 145    | 4   | 30        |
| Benzo[a]pyrene               | 5.71        | 5.127       |                | ug/L |   | 90   | 52 - 136    | 4   | 30        |
| Benzo[b]fluoranthene         | 5.71        | 5.016       |                | ug/L |   | 88   | 45 - 140    | 3   | 30        |
| Benzo[g,h,i]perylene         | 5.71        | 4.820       | I              | ug/L |   | 84   | 44 - 137    | 6   | 30        |
| Benzo[k]fluoranthene         | 5.71        | 4.954       |                | ug/L |   | 87   | 37 - 140    | 8   | 30        |
| Benzyl alcohol               | 5.71        | 1.877       | J * - *1       | ug/L |   | 33   | 40 - 133    | 34  | 30        |
| Bis(2-chloroethoxy)methane   | 5.71        | 5.019       |                | ug/L |   | 88   | 52 - 143    | 6   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Bis(2-chloroethyl)ether     | 5.71        | 5.150       |                | ug/L |   | 90   | 52 - 140    | 0   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.121       |                | ug/L |   | 72   | 50 - 140    | 4   | 30        |
| Butyl benzyl phthalate      | 5.71        | 4.677       |                | ug/L |   | 82   | 60 - 150    | 3   | 30        |
| Chrysene                    | 5.71        | 5.027       |                | ug/L |   | 88   | 47 - 137    | 4   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 4.993       |                | ug/L |   | 87   | 50 - 147    | 4   | 30        |
| Dibenzofuran                | 5.71        | 5.248       |                | ug/L |   | 92   | 52 - 139    | 6   | 30        |
| Diethyl phthalate           | 5.71        | 4.564       |                | ug/L |   | 80   | 55 - 137    | 2   | 30        |
| Dimethyl phthalate          | 5.71        | 4.776       |                | ug/L |   | 84   | 44 - 150    | 2   | 30        |
| Di-n-butyl phthalate        | 5.71        | 4.669       |                | ug/L |   | 82   | 49 - 146    | 0   | 30        |
| Di-n-octyl phthalate        | 5.71        | 5.243       |                | ug/L |   | 92   | 55 - 150    | 5   | 30        |
| Fluoranthene                | 5.71        | 4.530       |                | ug/L |   | 79   | 50 - 144    | 2   | 30        |
| Fluorene                    | 5.71        | 4.914       |                | ug/L |   | 86   | 54 - 136    | 5   | 30        |
| Hexachlorobenzene           | 5.71        | 4.708       |                | ug/L |   | 82   | 55 - 138    | 4   | 30        |
| Hexachlorobutadiene         | 5.71        | 4.660       |                | ug/L |   | 82   | 45 - 150    | 2   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 5.808       |                | ug/L |   | 102  | 24 - 150    | 7   | 30        |
| Hexachloroethane            | 5.71        | 4.892       |                | ug/L |   | 86   | 30 - 130    | 3   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.826       |                | ug/L |   | 84   | 46 - 138    | 4   | 30        |
| Isophorone                  | 5.71        | 4.726       |                | ug/L |   | 83   | 48 - 147    | 5   | 30        |
| Naphthalene                 | 5.71        | 4.726       |                | ug/L |   | 83   | 35 - 141    | 4   | 30        |
| Nitrobenzene                | 5.71        | 4.574       |                | ug/L |   | 80   | 52 - 141    | 8   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.802       |                | ug/L |   | 84   | 41 - 137    | 2   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 5.104       |                | ug/L |   | 89   | 51 - 135    | 5   | 30        |
| Pentachlorophenol           | 5.71        | 3.761       |                | ug/L |   | 66   | 33 - 150    | 16  | 30        |
| Phenanthrene                | 5.71        | 4.844       |                | ug/L |   | 85   | 54 - 141    | 3   | 30        |
| Phenol                      | 5.71        | 4.244       |                | ug/L |   | 74   | 40 - 145    | 1   | 30        |
| Pyrene                      | 5.71        | 4.638       |                | ug/L |   | 81   | 50 - 143    | 5   | 30        |
| Pyridine                    | 5.71        | <0.837      | U *- *1        | ug/L |   | 3    | 10 - 84     | 94  | 30        |
| N-Nitro-o-toluidine         | 5.71        | 3.568       |                | ug/L |   | 62   | 29 - 141    | 4   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.033       |                | ug/L |   | 88   | 60 - 150    | 5   | 30        |
| Acetophenone                | 5.71        | 3.653       |                | ug/L |   | 64   | 52 - 136    | 0   | 30        |
| N-Nitrosopiperidine         | 5.71        | 3.937       |                | ug/L |   | 69   | 36 - 148    | 10  | 30        |
| Pentachlorobenzene          | 5.71        | 4.012       |                | ug/L |   | 70   | 52 - 128    | 6   | 30        |
| Diphenyl ether              | 5.71        | 3.793       |                | ug/L |   | 66   | 46 - 130    | 3   | 30        |
| 1,1'-Biphenyl               | 5.71        | 3.743       |                | ug/L |   | 66   | 39 - 142    | 5   | 30        |
| 4-Aminobiphenyl             | 5.71        | 1.721       |                | ug/L |   | 30   | 10 - 115    | 15  | 30        |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.027       |                | ug/L |   | 70   | 46 - 125    | 7   | 30        |
| 1,3,5-Trinitrobenzene       | 5.71        | 3.490       |                | ug/L |   | 61   | 42 - 130    | 5   | 30        |
| 1,3-Dinitrobenzene          | 5.71        | 5.802       |                | ug/L |   | 102  | 65 - 150    | 1   | 30        |
| 1,4-Naphthoquinone          | 5.71        | 3.709       |                | ug/L |   | 65   | 24 - 137    | 7   | 30        |
| 1-Naphthylamine             | 5.71        | 1.582       |                | ug/L |   | 28   | 10 - 130    | 10  | 30        |
| 2,6-Dichlorophenol          | 5.71        | 3.447       |                | ug/L |   | 60   | 42 - 145    | 1   | 30        |
| 2-Acetylaminofluorene       | 5.71        | 3.806       |                | ug/L |   | 67   | 45 - 150    | 10  | 30        |
| 2-Chlorophenol              | 5.71        | 4.916       |                | ug/L |   | 86   | 51 - 143    | 0   | 30        |
| 2-Naphthylamine             | 5.71        | 1.651       |                | ug/L |   | 29   | 17 - 130    | 8   | 30        |
| 2-Picoline                  | 5.71        | <1.03       | U *- *1        | ug/L |   | 2    | 10 - 143    | 63  | 30        |
| 2-Toluidine                 | 5.71        | 1.632       |                | ug/L |   | 29   | 10 - 130    | 2   | 30        |
| 3,3'-Dichlorobenzidine      | 5.71        | 0.6514      | J              | ug/L |   | 11   | 10 - 128    | 11  | 30        |
| 3,3'-Dimethylbenzidine      | 5.71        | <0.295      | U *- *1        | ug/L |   | 3    | 10 - 130    | 63  | 30        |
| 3-Methylcholanthrene        | 5.71        | 3.641       |                | ug/L |   | 64   | 53 - 130    | 2   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.072       |                | ug/L |   | 71   | 20 - 140    | 1   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.650       |                | ug/L |   | 64   | 27 - 146    | 4   | 30        |
| Aramite Peak 1                 | 2.86        | 2.169       |                | ug/L |   | 76   | 45 - 150    | 7   | 30        |
| Aramite Peak 2                 | 2.86        | 1.902       |                | ug/L |   | 67   | 45 - 150    | 3   | 30        |
| Diallate Peak 1                | 4.23        | 2.873       |                | ug/L |   | 68   | 47 - 150    | 3   | 30        |
| Diallate Peak 2                | 1.49        | 1.065       |                | ug/L |   | 72   | 53 - 142    | 2   | 30        |
| Ethyl methanesulfonate         | 5.71        | 3.730       |                | ug/L |   | 65   | 45 - 138    | 1   | 30        |
| Hexachloropropene              | 5.71        | 4.497       |                | ug/L |   | 79   | 35 - 140    | 5   | 30        |
| Isosafrole                     | 5.71        | 3.851       |                | ug/L |   | 67   | 47 - 137    | 4   | 30        |
| Isosafrole Peak 1              | 0.914       | 0.6359      |                | ug/L |   | 70   | 48 - 132    | 9   | 30        |
| Isosafrole Peak 2              | 4.80        | 3.215       |                | ug/L |   | 67   | 47 - 137    | 3   | 30        |
| Methyl methanesulfonate        | 5.71        | 3.830       |                | ug/L |   | 67   | 33 - 140    | 2   | 30        |
| N-Nitrosodiethylamine          | 5.71        | 3.906       |                | ug/L |   | 68   | 50 - 136    | 1   | 30        |
| N-Nitrosodimethylamine         | 5.71        | 5.038       |                | ug/L |   | 88   | 33 - 148    | 1   | 30        |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.355       |                | ug/L |   | 76   | 30 - 150    | 3   | 30        |
| N-Nitrosomethylethylamine      | 5.71        | 3.892       |                | ug/L |   | 68   | 30 - 148    | 2   | 30        |
| N-Nitrosomorpholine            | 5.71        | 3.849       |                | ug/L |   | 67   | 40 - 140    | 0   | 30        |
| N-Nitrosopyrrolidine           | 5.71        | 3.725       |                | ug/L |   | 65   | 20 - 130    | 3   | 30        |
| p-Dimethylamino azobenzene     | 5.71        | 3.925       |                | ug/L |   | 69   | 16 - 150    | 2   | 30        |
| Pentachloronitrobenzene        | 5.71        | 4.857       |                | ug/L |   | 85   | 38 - 145    | 14  | 30        |
| Phenacetin                     | 5.71        | 3.719       |                | ug/L |   | 65   | 50 - 150    | 4   | 30        |
| p-Phenylene diamine            | 5.71        | <5.71       | U *-           | ug/L |   | 0    | 5 - 112     | NC  | 30        |
| Pronamide                      | 5.71        | 4.288       |                | ug/L |   | 75   | 60 - 150    | 8   | 30        |
| Safrole, Total                 | 5.71        | 3.717       | *-             | ug/L |   | 65   | 70 - 130    | 4   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 70             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 78             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 77             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 70             |                | 8 - 124  |
| p-Terphenyl-d14             | 72             |                | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45       | U              | ug/L |   |      | -           |     |           |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|--------|
| 2,4,6-Tribromophenol (Surr) |                |                |        |
| 2-Fluorobiphenyl            |                |                |        |
| 2-Fluorophenol (Surr)       |                |                |        |
| Nitrobenzene-d5 (Surr)      |                |                |        |
| Phenol-d5 (Surr)            |                |                |        |
| p-Terphenyl-d14             |                |                |        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                  |             |             |                |      |   |      |             |     |           |
| Dimethoate                       | 2.86        | 9.114       | *+             | ug/L |   | 319  | 70 - 150    | 0   | 30        |
| Dinoseb                          | 5.71        | 9.967       | *+             | ug/L |   | 174  | 10 - 150    | 6   | 30        |
| Disulfoton                       | 2.86        | 8.292       | *+             | ug/L |   | 290  | 80 - 150    | 8   | 30        |
| Ethyl Parathion                  | 2.86        | 8.322       | *+             | ug/L |   | 291  | 70 - 150    | 3   | 30        |
| Famphur                          | 2.86        | 3.839       |                | ug/L |   | 134  | 10 - 150    | 2   | 30        |
| Methapyrilene                    | 5.71        | 9.428       | *+             | ug/L |   | 165  | 10 - 150    | 19  | 30        |
| Methyl parathion                 | 2.86        | 8.341       | *+             | ug/L |   | 292  | 80 - 150    | 4   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.839       |                | ug/L |   | 99   | 38 - 150    | 0   | 30        |
| Phorate                          | 2.86        | 8.167       | *+             | ug/L |   | 286  | 65 - 150    | 1   | 30        |
| Sulfotepp                        | 2.86        | 8.107       | *+             | ug/L |   | 284  | 28 - 150    | 3   | 30        |
| Thionazin                        | 2.86        | 4.122       | *+             | ug/L |   | 144  | 40 - 140    | 1   | 30        |

| Surrogate                   | %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|-----------|----------------|----------|
|                             |           |                |          |
| 2,4,6-Tribromophenol (Surr) | 75        |                | 26 - 136 |
| 2-Fluorobiphenyl            | 81        |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 78        |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 80        |                | 32 - 133 |
| Phenol-d5 (Surr)            | 73        |                | 8 - 124  |
| p-Terphenyl-d14             | 75        |                | 28 - 130 |

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
|                              |               |                  |             |           |              |      |   |      |             |
| 1,2,4-Trichlorobenzene       | <0.119        | U                | 5.68        | 4.849     |              | ug/L |   | 85   | 55 - 120    |
| 1,2-Dichlorobenzene          | 0.249         | J                | 5.68        | 5.536     |              | ug/L |   | 93   | 65 - 130    |
| 1,3-Dichlorobenzene          | <0.106        | U                | 5.68        | 5.004     |              | ug/L |   | 88   | 26 - 130    |
| 1,4-Dichlorobenzene          | 0.394         | J                | 5.68        | 5.343     |              | ug/L |   | 87   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | <1.82         | U                | 5.68        | 8.155     |              | ug/L |   | 144  | 65 - 145    |
| 2,4,5-Trichlorophenol        | <0.424        | U F1             | 5.68        | 10.70     | F1           | ug/L |   | 188  | 58 - 150    |
| 2,4,6-Trichlorophenol        | <0.115        | U F1             | 5.68        | 10.27     | F1           | ug/L |   | 181  | 39 - 145    |
| 2,4-Dichlorophenol           | <0.124        | U                | 5.68        | 8.338     |              | ug/L |   | 147  | 60 - 147    |
| 2,4-Dimethylphenol           | <0.110        | U F1             | 5.68        | 8.941     | F1           | ug/L |   | 157  | 58 - 140    |
| 1,4-Dioxane                  | 4.11          |                  | 5.68        | 6.308     |              | ug/L |   | 39   | 31 - 145    |
| 2,4-Dinitrophenol            | <1.36         | U                | 5.68        | 4.600     | J            | ug/L |   | 81   | 10 - 150    |
| 2,4-Dinitrotoluene           | <0.504        | U F1             | 5.68        | 8.788     | F1           | ug/L |   | 155  | 29 - 150    |
| 2,6-Dinitrotoluene           | <0.268        | U F1             | 5.68        | 9.284     | F1           | ug/L |   | 163  | 55 - 150    |
| 2-Chloronaphthalene          | <0.116        | U                | 5.68        | 6.418     |              | ug/L |   | 113  | 39 - 141    |
| 2-Methylnaphthalene          | <0.107        | U                | 5.68        | 6.568     |              | ug/L |   | 116  | 33 - 149    |
| 2-Methylphenol               | <0.107        | U                | 5.68        | 7.305     |              | ug/L |   | 129  | 49 - 140    |
| 2-Nitroaniline               | <0.155        | U F1             | 5.68        | 10.23     | F1           | ug/L |   | 180  | 42 - 150    |
| 2-Nitrophenol                | <0.135        | U F1             | 5.68        | 9.580     | F1           | ug/L |   | 169  | 43 - 150    |
| 3 & 4 Methylphenol           | <0.0928       | U                | 5.68        | 5.937     |              | ug/L |   | 104  | 55 - 142    |
| 3-Nitroaniline               | <0.219        | U                | 5.68        | 4.639     |              | ug/L |   | 82   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol   | <1.21         | U                | 5.68        | 6.507     |              | ug/L |   | 115  | 10 - 150    |
| 4-Bromophenyl phenyl ether   | <0.104        | U F1             | 5.68        | 8.546     | F1           | ug/L |   | 150  | 56 - 136    |
| 4-Chloro-3-methylphenol      | <0.117        | U F1             | 5.68        | 9.440     | F1           | ug/L |   | 166  | 52 - 137    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 4-Chloroaniline             | <0.0866       | U                | 5.68        | 3.330     |              | ug/L |   | 59   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | <0.0938       | U                | 5.68        | 7.278     |              | ug/L |   | 128  | 53 - 134    |
| 4-Nitroaniline              | <0.266        | U                | 5.68        | 6.407     |              | ug/L |   | 113  | 45 - 148    |
| Acenaphthene                | 0.965         |                  | 5.68        | 8.231     |              | ug/L |   | 128  | 48 - 136    |
| Acenaphthylene              | <0.123        | U                | 5.68        | 8.158     |              | ug/L |   | 144  | 40 - 149    |
| Aniline                     | <0.442        | U                | 5.68        | 1.680     |              | ug/L |   | 30   | 10 - 73     |
| Anthracene                  | <0.102        | U F1             | 5.68        | 8.873     | F1           | ug/L |   | 156  | 51 - 146    |
| Benzo[a]anthracene          | <0.125        | U F1             | 5.68        | 9.541     | I F1         | ug/L |   | 168  | 43 - 145    |
| Benzo[a]pyrene              | <0.105        | U F1             | 5.68        | 8.565     | F1           | ug/L |   | 151  | 52 - 136    |
| Benzo[b]fluoranthene        | <0.122        | U F1             | 5.68        | 9.625     | F1           | ug/L |   | 169  | 45 - 140    |
| Benzo[g,h,i]perylene        | <0.0888       | U                | 5.68        | 6.383     |              | ug/L |   | 112  | 44 - 137    |
| Benzo[k]fluoranthene        | <0.121        | U F1             | 5.68        | 8.530     | F1           | ug/L |   | 150  | 37 - 140    |
| Benzyl alcohol              | <0.220        | U *- *1          | 5.68        | 3.403     |              | ug/L |   | 60   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | <0.106        | U F1             | 5.68        | 8.464     | F1           | ug/L |   | 149  | 52 - 143    |
| Bis(2-chloroethyl)ether     | 0.687         | F1               | 5.68        | 8.672     | F1           | ug/L |   | 141  | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 0.735         | J F1             | 5.68        | 13.53     | F1           | ug/L |   | 225  | 50 - 140    |
| Butyl benzyl phthalate      | <0.330        | U F1             | 5.68        | 13.78     | F1           | ug/L |   | 242  | 60 - 150    |
| Chrysene                    | <0.0949       | U                | 5.68        | 7.692     |              | ug/L |   | 135  | 47 - 137    |
| Dibenz(a,h)anthracene       | <0.0836       | U                | 5.68        | 7.233     |              | ug/L |   | 127  | 50 - 147    |
| Dibenzofuran                | <0.110        | U F1             | 5.68        | 7.996     | F1           | ug/L |   | 141  | 52 - 139    |
| Diethyl phthalate           | <0.184        | U F1             | 5.68        | 8.681     | F1           | ug/L |   | 153  | 55 - 137    |
| Dimethyl phthalate          | <0.131        | U F1             | 5.68        | 9.297     | F1           | ug/L |   | 164  | 44 - 150    |
| Di-n-butyl phthalate        | <0.649        | U F1             | 5.68        | 10.85     | F1           | ug/L |   | 191  | 49 - 146    |
| Di-n-octyl phthalate        | <0.281        | U F1             | 5.68        | 14.66     | F1           | ug/L |   | 258  | 55 - 150    |
| Fluoranthene                | <0.118        | U F1             | 5.68        | 9.637     | F1           | ug/L |   | 170  | 50 - 144    |
| Fluorene                    | 0.146         | J                | 5.68        | 7.694     |              | ug/L |   | 133  | 54 - 136    |
| Hexachlorobenzene           | <0.130        | U F1             | 5.68        | 8.095     | F1           | ug/L |   | 142  | 55 - 138    |
| Hexachlorobutadiene         | <0.159        | U                | 5.68        | 3.988     |              | ug/L |   | 70   | 45 - 150    |
| Hexachlorocyclopentadiene   | <0.176        | U                | 5.68        | 2.895     |              | ug/L |   | 51   | 24 - 150    |
| Hexachloroethane            | <0.123        | U                | 5.68        | 4.120     |              | ug/L |   | 73   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | <0.101        | U                | 5.68        | 7.587     |              | ug/L |   | 134  | 46 - 138    |
| Isophorone                  | <0.104        | U F1             | 5.68        | 9.317     | F1           | ug/L |   | 164  | 48 - 147    |
| Naphthalene                 | <0.112        | U                | 5.68        | 6.121     |              | ug/L |   | 108  | 35 - 141    |
| Nitrobenzene                | <0.150        | U F1             | 5.68        | 9.529     | F1           | ug/L |   | 168  | 52 - 141    |
| N-Nitrosodi-n-propylamine   | <0.145        | U F1             | 5.68        | 8.716     | F1           | ug/L |   | 153  | 41 - 137    |
| N-Nitrosodiphenylamine      | <0.110        | U F1             | 5.68        | 9.514     | F1           | ug/L |   | 167  | 51 - 135    |
| Pentachlorophenol           | <0.307        | U F1             | 5.68        | 12.59     | F1           | ug/L |   | 222  | 33 - 150    |
| Phenanthrene                | <0.105        | U F1             | 5.68        | 8.277     | F1           | ug/L |   | 146  | 54 - 141    |
| Phenol                      | 3.38          |                  | 5.68        | 7.642     |              | ug/L |   | 75   | 40 - 145    |
| Pyrene                      | <0.127        | U F1             | 5.68        | 9.178     | I F1         | ug/L |   | 162  | 50 - 143    |
| Pyridine                    | <0.822        | U *- *1          | 5.68        | 1.171     | J            | ug/L |   | 21   | 10 - 84     |
| N-Nitro-o-toluidine         | <0.640        | U                | 5.68        | 5.148     |              | ug/L |   | 91   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | <0.249        | U F1             | 5.68        | 10.35     | F1           | ug/L |   | 182  | 60 - 150    |
| Acetophenone                | <0.136        | U                | 5.68        | 6.855     |              | ug/L |   | 121  | 52 - 136    |
| N-Nitrosopiperidine         | <0.620        | U                | 5.68        | 6.896     |              | ug/L |   | 121  | 36 - 148    |
| Pentachlorobenzene          | <0.123        | U                | 5.68        | 5.137     |              | ug/L |   | 90   | 52 - 128    |
| 1,1'-Biphenyl               | <0.111        | U                | 5.68        | 5.147     |              | ug/L |   | 91   | 39 - 142    |
| 4-Aminobiphenyl             | <0.192        | U                | 5.68        | 2.533     |              | ug/L |   | 45   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | <0.113        | U                | 5.68        | 4.074     |              | ug/L |   | 72   | 46 - 125    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-A MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                            | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,3,5-Trinitrobenzene              | <0.642        | U                | 5.68        | 4.966     |              | ug/L |   | 87   | 42 - 130    |
| 1,3-Dinitrobenzene                 | <0.577        | U F1             | 5.68        | 8.998     | F1           | ug/L |   | 158  | 65 - 150    |
| 1,4-Naphthoquinone                 | <0.0602       | U                | 5.68        | 7.187     |              | ug/L |   | 126  | 24 - 137    |
| 1-Naphthylamine                    | <0.265        | U F2             | 5.68        | 1.749     |              | ug/L |   | 31   | 10 - 78     |
| 2,6-Dichlorophenol                 | <0.0956       | U                | 5.68        | 7.043     |              | ug/L |   | 124  | 42 - 145    |
| 2-Acetylaminofluorene              | <1.68         | U F1             | 5.68        | 12.34     | F1           | ug/L |   | 217  | 45 - 150    |
| 2-Chlorophenol                     | <0.101        | U                | 5.68        | 7.506     |              | ug/L |   | 132  | 51 - 143    |
| 2-Naphthylamine                    | <0.405        | U                | 5.68        | 1.801     |              | ug/L |   | 32   | 17 - 92     |
| 2-Picoline                         | <1.01         | U F1 *- *1       | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine                        | <0.417        | U                | 5.68        | 2.557     |              | ug/L |   | 45   | 10 - 79     |
| 3,3'-Dichlorobenzidine             | <0.639        | U                | 5.68        | 3.266     |              | ug/L |   | 57   | 10 - 128    |
| 3,3'-Dimethylbenzidine             | <0.290        | U F1 *- *1       | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene               | <0.0867       | U                | 5.68        | 6.538     |              | ug/L |   | 115  | 53 - 130    |
| 4-Nitroquinoline-1-oxide           | <0.626        | U                | 5.68        | 2.341     |              | ug/L |   | 41   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene     | <0.126        | U                | 5.68        | 7.653     |              | ug/L |   | 135  | 27 - 146    |
| alpha,alpha-Dimethylphenethylamine | <1.43         | U F1 *-          | 5.68        | <1.44     | U F1         | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1                     | <0.181        | U F1             | 2.84        | 5.280     | F1           | ug/L |   | 186  | 45 - 150    |
| Aramite Peak 2                     | <0.199        | U F1             | 2.84        | 4.378     | F1           | ug/L |   | 154  | 45 - 150    |
| Diallate Peak 1                    | <0.0735       | U                | 4.20        | 5.542     |              | ug/L |   | 132  | 47 - 150    |
| Diallate Peak 2                    | <0.0294       | U                | 1.48        | 2.022     |              | ug/L |   | 137  | 53 - 142    |
| Ethyl methanesulfonate             | <0.182        | U                | 5.68        | 3.950     |              | ug/L |   | 70   | 45 - 138    |
| Hexachloropropene                  | <0.562        | U                | 5.68        | 2.440     |              | ug/L |   | 43   | 35 - 140    |
| Isosafrole                         | <0.0227       | U                | 5.68        | 6.329     |              | ug/L |   | 111  | 47 - 137    |
| Isosafrole Peak 1                  | <0.0227       | U                | 0.909       | 1.003     |              | ug/L |   | 110  | 48 - 132    |
| Isosafrole Peak 2                  | <0.0968       | U                | 4.77        | 5.326     |              | ug/L |   | 112  | 47 - 137    |
| Methyl methanesulfonate            | <0.183        | U F1             | 5.68        | 1.652     | F1           | ug/L |   | 29   | 33 - 140    |
| N-Nitrosodiethylamine              | <0.662        | U                | 5.68        | 5.693     |              | ug/L |   | 100  | 50 - 136    |
| N-Nitrosodi-n-butylamine           | <0.711        | U F1             | 5.68        | 9.352     | F1           | ug/L |   | 165  | 30 - 150    |
| N-Nitrosomethylethylamine          | <0.689        | U                | 5.68        | 3.476     |              | ug/L |   | 61   | 30 - 148    |
| N-Nitrosomorpholine                | <0.701        | U                | 5.68        | 2.802     |              | ug/L |   | 49   | 40 - 140    |
| N-Nitrosopyrrolidine               | <0.107        | U                | 5.68        | 3.074     |              | ug/L |   | 54   | 20 - 130    |
| p-Dimethylamino azobenzene         | <0.152        | U F1             | 5.68        | 9.335     | F1           | ug/L |   | 164  | 16 - 150    |
| Pentachloronitrobenzene            | <0.248        | U F1             | 5.68        | 8.653     | F1           | ug/L |   | 152  | 38 - 145    |
| Phenacetin                         | <0.248        | U                | 5.68        | 7.601     |              | ug/L |   | 134  | 50 - 150    |
| p-Phenylene diamine                | <5.62         | U *- F1          | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |
| Pronamide                          | <0.132        | U                | 5.68        | 8.174     |              | ug/L |   | 144  | 60 - 150    |
| Safrole, Total                     | <0.0905       | U *-             | 5.68        | 6.141     |              | ug/L |   | 108  | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) | 150          | S1+          | 26 - 136 |
| 2-Fluorobiphenyl            | 105          |              | 39 - 130 |
| 2-Fluorophenol (Surr)       | 54           |              | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 136          | S1+          | 32 - 133 |
| Phenol-d5 (Surr)            | 33           |              | 8 - 124  |
| p-Terphenyl-d14             | 116          |              | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Sample  | Sample    | Spike | MSD    | MSD       | Unit | D | %Rec | %Rec     | RPD | RPD   |
|------------------------------|---------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
|                              | Result  | Qualifier | Added | Result | Qualifier |      |   |      | Limits   |     | Limit |
| 1,2,4-Trichlorobenzene       | <0.119  | U         | 5.70  | 4.468  |           | ug/L |   | 78   | 55 - 120 | 8   | 30    |
| 1,2-Dichlorobenzene          | 0.249   | J         | 5.70  | 5.003  |           | ug/L |   | 83   | 65 - 130 | 10  | 30    |
| 1,3-Dichlorobenzene          | <0.106  | U         | 5.70  | 4.504  |           | ug/L |   | 79   | 26 - 130 | 11  | 30    |
| 1,4-Dichlorobenzene          | 0.394   | J         | 5.70  | 4.870  |           | ug/L |   | 79   | 60 - 150 | 9   | 30    |
| 2,2'-oxybis[1-chloropropane] | <1.82   | U         | 5.70  | 7.331  |           | ug/L |   | 129  | 65 - 145 | 11  | 30    |
| 2,4,5-Trichlorophenol        | <0.424  | U F1      | 5.70  | 9.866  | F1        | ug/L |   | 173  | 58 - 150 | 8   | 30    |
| 2,4,6-Trichlorophenol        | <0.115  | U F1      | 5.70  | 9.417  | F1        | ug/L |   | 165  | 39 - 145 | 9   | 30    |
| 2,4-Dichlorophenol           | <0.124  | U         | 5.70  | 7.607  |           | ug/L |   | 134  | 60 - 147 | 9   | 30    |
| 2,4-Dimethylphenol           | <0.110  | U F1      | 5.70  | 8.145  | F1        | ug/L |   | 143  | 58 - 140 | 9   | 30    |
| 1,4-Dioxane                  | 4.11    |           | 5.70  | 6.127  |           | ug/L |   | 35   | 31 - 145 | 3   | 30    |
| 2,4-Dinitrophenol            | <1.36   | U         | 5.70  | 3.725  | J         | ug/L |   | 65   | 10 - 150 | 21  | 30    |
| 2,4-Dinitrotoluene           | <0.504  | U F1      | 5.70  | 8.100  |           | ug/L |   | 142  | 29 - 150 | 8   | 30    |
| 2,6-Dinitrotoluene           | <0.268  | U F1      | 5.70  | 8.726  | F1        | ug/L |   | 153  | 55 - 150 | 6   | 30    |
| 2-Chloronaphthalene          | <0.116  | U         | 5.70  | 5.891  |           | ug/L |   | 103  | 39 - 141 | 9   | 30    |
| 2-Methylnaphthalene          | <0.107  | U         | 5.70  | 6.033  |           | ug/L |   | 106  | 33 - 149 | 9   | 30    |
| 2-Methylphenol               | <0.107  | U         | 5.70  | 6.769  |           | ug/L |   | 119  | 49 - 140 | 8   | 30    |
| 2-Nitroaniline               | <0.155  | U F1      | 5.70  | 9.603  | F1        | ug/L |   | 169  | 42 - 150 | 6   | 30    |
| 2-Nitrophenol                | <0.135  | U F1      | 5.70  | 8.637  | F1        | ug/L |   | 152  | 43 - 150 | 10  | 30    |
| 3 & 4 Methylphenol           | <0.0928 | U         | 5.70  | 5.516  |           | ug/L |   | 97   | 55 - 142 | 7   | 30    |
| 3-Nitroaniline               | <0.219  | U         | 5.70  | 5.162  |           | ug/L |   | 91   | 25 - 119 | 11  | 30    |
| 4,6-Dinitro-2-methylphenol   | <1.21   | U         | 5.70  | 5.933  |           | ug/L |   | 104  | 10 - 150 | 9   | 30    |
| 4-Bromophenyl phenyl ether   | <0.104  | U F1      | 5.70  | 7.913  | F1        | ug/L |   | 139  | 56 - 136 | 8   | 30    |
| 4-Chloro-3-methylphenol      | <0.117  | U F1      | 5.70  | 8.496  | F1        | ug/L |   | 149  | 52 - 137 | 11  | 30    |
| 4-Chloroaniline              | <0.0866 | U         | 5.70  | 3.919  |           | ug/L |   | 69   | 10 - 95  | 16  | 30    |
| 4-Chlorophenyl phenyl ether  | <0.0938 | U         | 5.70  | 6.693  |           | ug/L |   | 117  | 53 - 134 | 8   | 30    |
| 4-Nitroaniline               | <0.266  | U         | 5.70  | 6.318  |           | ug/L |   | 111  | 45 - 148 | 1   | 30    |
| Acenaphthene                 | 0.965   |           | 5.70  | 7.630  |           | ug/L |   | 117  | 48 - 136 | 8   | 30    |
| Acenaphthylene               | <0.123  | U         | 5.70  | 7.576  |           | ug/L |   | 133  | 40 - 149 | 7   | 30    |
| Aniline                      | <0.442  | U         | 5.70  | 1.774  |           | ug/L |   | 31   | 10 - 73  | 5   | 30    |
| Anthracene                   | <0.102  | U F1      | 5.70  | 8.351  | F1        | ug/L |   | 147  | 51 - 146 | 6   | 30    |
| Benzo[a]anthracene           | <0.125  | U F1      | 5.70  | 8.794  | F1        | ug/L |   | 154  | 43 - 145 | 8   | 30    |
| Benzo[a]pyrene               | <0.105  | U F1      | 5.70  | 7.903  | F1        | ug/L |   | 139  | 52 - 136 | 8   | 30    |
| Benzo[b]fluoranthene         | <0.122  | U F1      | 5.70  | 9.362  | F1        | ug/L |   | 164  | 45 - 140 | 3   | 30    |
| Benzo[g,h,i]perylene         | <0.0888 | U         | 5.70  | 5.906  |           | ug/L |   | 104  | 44 - 137 | 8   | 30    |
| Benzo[k]fluoranthene         | <0.121  | U F1      | 5.70  | 7.803  |           | ug/L |   | 137  | 37 - 140 | 9   | 30    |
| Benzyl alcohol               | <0.220  | U *- *1   | 5.70  | 2.794  | J         | ug/L |   | 49   | 40 - 133 | 20  | 30    |
| Bis(2-chloroethoxy)methane   | <0.106  | U F1      | 5.70  | 7.666  |           | ug/L |   | 135  | 52 - 143 | 10  | 30    |
| Bis(2-chloroethyl)ether      | 0.687   | F1        | 5.70  | 7.892  |           | ug/L |   | 126  | 52 - 140 | 9   | 30    |
| Bis(2-ethylhexyl) phthalate  | 0.735   | J F1      | 5.70  | 12.82  | F1        | ug/L |   | 212  | 50 - 140 | 5   | 30    |
| Butyl benzyl phthalate       | <0.330  | U F1      | 5.70  | 13.49  | F1        | ug/L |   | 237  | 60 - 150 | 2   | 30    |
| Chrysene                     | <0.0949 | U         | 5.70  | 7.293  |           | ug/L |   | 128  | 47 - 137 | 5   | 30    |
| Dibenz(a,h)anthracene        | <0.0836 | U         | 5.70  | 6.638  |           | ug/L |   | 116  | 50 - 147 | 9   | 30    |
| Dibenzofuran                 | <0.110  | U F1      | 5.70  | 7.229  |           | ug/L |   | 127  | 52 - 139 | 10  | 30    |
| Diethyl phthalate            | <0.184  | U F1      | 5.70  | 8.305  | F1        | ug/L |   | 146  | 55 - 137 | 4   | 30    |
| Dimethyl phthalate           | <0.131  | U F1      | 5.70  | 8.703  | F1        | ug/L |   | 153  | 44 - 150 | 7   | 30    |
| Di-n-butyl phthalate         | <0.649  | U F1      | 5.70  | 10.33  | F1        | ug/L |   | 181  | 49 - 146 | 5   | 30    |
| Di-n-octyl phthalate         | <0.281  | U F1      | 5.70  | 13.76  | F1        | ug/L |   | 242  | 55 - 150 | 6   | 30    |
| Fluoranthene                 | <0.118  | U F1      | 5.70  | 9.103  | F1        | ug/L |   | 160  | 50 - 144 | 6   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                            | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Fluorene                           | 0.146         | J                | 5.70        | 7.125      |               | ug/L |   | 122  | 54 - 136    | 8   | 30        |
| Hexachlorobenzene                  | <0.130        | U F1             | 5.70        | 7.431      |               | ug/L |   | 130  | 55 - 138    | 9   | 30        |
| Hexachlorobutadiene                | <0.159        | U                | 5.70        | 3.601      |               | ug/L |   | 63   | 45 - 150    | 10  | 30        |
| Hexachlorocyclopentadiene          | <0.176        | U                | 5.70        | 2.570      |               | ug/L |   | 45   | 24 - 150    | 12  | 30        |
| Hexachloroethane                   | <0.123        | U                | 5.70        | 3.667      |               | ug/L |   | 64   | 30 - 130    | 12  | 30        |
| Indeno[1,2,3-cd]pyrene             | <0.101        | U                | 5.70        | 7.183      |               | ug/L |   | 126  | 46 - 138    | 5   | 30        |
| Isophorone                         | <0.104        | U F1             | 5.70        | 8.490      | F1            | ug/L |   | 149  | 48 - 147    | 9   | 30        |
| Naphthalene                        | <0.112        | U                | 5.70        | 5.671      |               | ug/L |   | 100  | 35 - 141    | 8   | 30        |
| Nitrobenzene                       | <0.150        | U F1             | 5.70        | 8.680      | F1            | ug/L |   | 152  | 52 - 141    | 9   | 30        |
| N-Nitrosodi-n-propylamine          | <0.145        | U F1             | 5.70        | 8.119      | F1            | ug/L |   | 142  | 41 - 137    | 7   | 30        |
| N-Nitrosodiphenylamine             | <0.110        | U F1             | 5.70        | 8.502      | F1            | ug/L |   | 149  | 51 - 135    | 11  | 30        |
| Pentachlorophenol                  | <0.307        | U F1             | 5.70        | 11.56      | F1            | ug/L |   | 203  | 33 - 150    | 8   | 30        |
| Phenanthrene                       | <0.105        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 54 - 141    | 5   | 30        |
| Phenol                             | 3.38          |                  | 5.70        | 7.316      |               | ug/L |   | 69   | 40 - 145    | 4   | 30        |
| Pyrene                             | <0.127        | U F1             | 5.70        | 8.476      | F1            | ug/L |   | 149  | 50 - 143    | 8   | 30        |
| Pyridine                           | <0.822        | U *- *1          | 5.70        | 1.452      | J             | ug/L |   | 25   | 10 - 84     | 21  | 30        |
| N-Nitro-o-toluidine                | <0.640        | U                | 5.70        | 5.239      |               | ug/L |   | 92   | 29 - 141    | 2   | 30        |
| 2,3,4,6-Tetrachlorophenol          | <0.249        | U F1             | 5.70        | 9.191      | F1            | ug/L |   | 161  | 60 - 150    | 12  | 30        |
| Acetophenone                       | <0.136        | U                | 5.70        | 6.234      |               | ug/L |   | 109  | 52 - 136    | 9   | 30        |
| N-Nitrosopiperidine                | <0.620        | U                | 5.70        | 6.420      |               | ug/L |   | 113  | 36 - 148    | 7   | 30        |
| Pentachlorobenzene                 | <0.123        | U                | 5.70        | 4.660      |               | ug/L |   | 82   | 52 - 128    | 10  | 30        |
| 1,1'-Biphenyl                      | <0.111        | U                | 5.70        | 4.799      |               | ug/L |   | 84   | 39 - 142    | 7   | 30        |
| 4-Aminobiphenyl                    | <0.192        | U                | 5.70        | 3.025      |               | ug/L |   | 53   | 10 - 115    | 18  | 30        |
| 1,2,4,5-Tetrachlorobenzene         | <0.113        | U                | 5.70        | 3.698      |               | ug/L |   | 65   | 46 - 125    | 10  | 30        |
| 1,3,5-Trinitrobenzene              | <0.642        | U                | 5.70        | 4.569      |               | ug/L |   | 80   | 42 - 130    | 8   | 30        |
| 1,3-Dinitrobenzene                 | <0.577        | U F1             | 5.70        | 8.402      |               | ug/L |   | 147  | 65 - 150    | 7   | 30        |
| 1,4-Naphthoquinone                 | <0.0602       | U                | 5.70        | 6.686      |               | ug/L |   | 117  | 24 - 137    | 7   | 30        |
| 1-Naphthylamine                    | <0.265        | U F2             | 5.70        | 2.951      | F2            | ug/L |   | 52   | 10 - 78     | 51  | 30        |
| 2,6-Dichlorophenol                 | <0.0956       | U                | 5.70        | 6.501      |               | ug/L |   | 114  | 42 - 145    | 8   | 30        |
| 2-Acetylaminofluorene              | <1.68         | U F1             | 5.70        | 11.81      | F1            | ug/L |   | 207  | 45 - 150    | 4   | 30        |
| 2-Chlorophenol                     | <0.101        | U                | 5.70        | 7.000      |               | ug/L |   | 123  | 51 - 143    | 7   | 30        |
| 2-Naphthylamine                    | <0.405        | U                | 5.70        | 2.327      |               | ug/L |   | 41   | 17 - 92     | 25  | 30        |
| 2-Picoline                         | <1.01         | U F1 *- *1       | 5.70        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine                        | <0.417        | U                | 5.70        | 2.659      |               | ug/L |   | 47   | 10 - 79     | 4   | 30        |
| 3,3'-Dichlorobenzidine             | <0.639        | U                | 5.70        | 4.073      |               | ug/L |   | 71   | 10 - 128    | 22  | 30        |
| 3,3'-Dimethylbenzidine             | <0.290        | U F1 *- *1       | 5.70        | <0.294     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene               | <0.0867       | U                | 5.70        | 6.017      |               | ug/L |   | 106  | 53 - 130    | 8   | 30        |
| 4-Nitroquinoline-1-oxide           | <0.626        | U                | 5.70        | 2.346      |               | ug/L |   | 41   | 20 - 140    | 0   | 30        |
| 7,12-Dimethylbenz(a)anthracene     | <0.126        | U                | 5.70        | 7.322      |               | ug/L |   | 129  | 27 - 146    | 4   | 30        |
| alpha,alpha-Dimethylphenethylamine | <1.43         | U F1 *-          | 5.70        | <1.45      | U F1          | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1                     | <0.181        | U F1             | 2.85        | 4.824      | F1            | ug/L |   | 169  | 45 - 150    | 9   | 30        |
| Aramite Peak 2                     | <0.199        | U F1             | 2.85        | 3.884      |               | ug/L |   | 136  | 45 - 150    | 12  | 30        |
| Diallate Peak 1                    | <0.0735       | U                | 4.22        | 5.156      |               | ug/L |   | 122  | 47 - 150    | 7   | 30        |
| Diallate Peak 2                    | <0.0294       | U                | 1.48        | 1.836      |               | ug/L |   | 124  | 53 - 142    | 10  | 30        |
| Ethyl methanesulfonate             | <0.182        | U                | 5.70        | 3.737      |               | ug/L |   | 66   | 45 - 138    | 6   | 30        |
| Hexachloropropene                  | <0.562        | U                | 5.70        | 2.195      |               | ug/L |   | 39   | 35 - 140    | 11  | 30        |
| Isosafrole                         | <0.0227       | U                | 5.70        | 5.817      |               | ug/L |   | 102  | 47 - 137    | 8   | 30        |
| Isosafrole Peak 1                  | <0.0227       | U                | 0.912       | 0.9384     |               | ug/L |   | 103  | 48 - 132    | 7   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-G-5-B MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                    | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Isosafrole Peak 2          | <0.0968       | U                | 4.79        | 4.879      |               | ug/L |   | 102  | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate    | <0.183        | U F1             | 5.70        | 1.589      | F1            | ug/L |   | 28   | 33 - 140    | 4   | 30        |
| N-Nitrosodiethylamine      | <0.662        | U                | 5.70        | 5.286      |               | ug/L |   | 93   | 50 - 136    | 7   | 30        |
| N-Nitrosodi-n-butylamine   | <0.711        | U F1             | 5.70        | 8.536      |               | ug/L |   | 150  | 30 - 150    | 9   | 30        |
| N-Nitrosomethylethylamine  | <0.689        | U                | 5.70        | 3.258      |               | ug/L |   | 57   | 30 - 148    | 6   | 30        |
| N-Nitrosomorpholine        | <0.701        | U                | 5.70        | 2.690      |               | ug/L |   | 47   | 40 - 140    | 4   | 30        |
| N-Nitrosopyrrolidine       | <0.107        | U                | 5.70        | 2.922      |               | ug/L |   | 51   | 20 - 130    | 5   | 30        |
| p-Dimethylamino azobenzene | <0.152        | U F1             | 5.70        | 8.779      | F1            | ug/L |   | 154  | 16 - 150    | 6   | 30        |
| Pentachloronitrobenzene    | <0.248        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 38 - 145    | 10  | 30        |
| Phenacetin                 | <0.248        | U                | 5.70        | 7.009      |               | ug/L |   | 123  | 50 - 150    | 8   | 30        |
| p-Phenylene diamine        | <5.62         | U *- F1          | 5.70        | <5.70      | U             | ug/L |   | NC   | 5 - 112     | NC  | 30        |
| Pronamide                  | <0.132        | U                | 5.70        | 7.402      |               | ug/L |   | 130  | 60 - 150    | 10  | 30        |
| Safrole, Total             | <0.0905       | U *-             | 5.70        | 5.607      |               | ug/L |   | 98   | 70 - 130    | 9   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | MSD Limits |
|-----------------------------|---------------|---------------|------------|
| 2,4,6-Tribromophenol (Surr) | 140           | S1+           | 26 - 136   |
| 2-Fluorobiphenyl            | 96            |               | 39 - 130   |
| 2-Fluorophenol (Surr)       | 53            |               | 19 - 120   |
| Nitrobenzene-d5 (Surr)      | 124           |               | 32 - 133   |
| Phenol-d5 (Surr)            | 32            |               | 8 - 124    |
| p-Terphenyl-d14             | 106           |               | 28 - 130   |

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Chloro-3-methylphenol     | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                          | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                                  | Result  | Qualifier |       |        |      |   |                |                |         |
| 1,1'-Biphenyl                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Aminobiphenyl                  | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,2,4,5-Tetrachlorobenzene       | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,3,5-Trinitrobenzene            | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,3-Dinitrobenzene               | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1,4-Naphthoquinone               | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 1-Naphthylamine                  | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2,6-Dichlorophenol               | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Acetylaminofluorene            | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Chlorophenol                   | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Naphthylamine                  | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Picoline                       | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Toluidine                      | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3,3'-Dichlorobenzidine           | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3,3'-Dimethylbenzidine           | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 3-Methylcholanthrene             | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aramite Peak 1                   | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aramite Peak 2                   | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Aramite, Total                   | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diallate                         | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diallate Peak 1                  | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Diallate Peak 2                  | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dimethoate                       | <0.499  | U         | 2.86  | 0.499  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Dinoseb                          | <0.676  | U         | 2.86  | 0.676  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Disulfoton                       | <2.15   | U         | 2.86  | 2.15   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Ethyl methanesulfonate           | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Ethyl Parathion                  | <0.625  | U         | 1.14  | 0.625  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Famphur                          | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Hexachloropropene                | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isosafrole                       | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isosafrole Peak 1                | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Isosafrole Peak 2                | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Methapyrilene                    | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Methyl methanesulfonate          | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Methyl parathion                 | <2.76   | U         | 2.86  | 2.76   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodiethylamine            | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosomethylethylamine        | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosomorpholine              | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Pentachloronitrobenzene          | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenacetin                       | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phorate                          | <2.61   | U         | 5.71  | 2.61   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| p-Phenylene diamine              | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte        | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Pronamide      | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Safrole, Total | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Sulfotepp      | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Thionazin      | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 56           |              | 26 - 136 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Fluorobiphenyl            | 59           |              | 39 - 130 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| 2-Fluorophenol (Surr)       | 63           |              | 19 - 120 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 60           |              | 32 - 133 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| Phenol-d5 (Surr)            | 60           |              | 8 - 124  | 11/13/25 14:15 | 11/13/25 23:39 | 1       |
| p-Terphenyl-d14             | 62           |              | 28 - 130 | 11/13/25 14:15 | 11/13/25 23:39 | 1       |

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.089      |               | ug/L |   | 72   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 3.922      |               | ug/L |   | 69   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 3.866      |               | ug/L |   | 68   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 3.868      |               | ug/L |   | 68   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 3.711      |               | ug/L |   | 65   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 4.434      |               | ug/L |   | 78   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.059      |               | ug/L |   | 71   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 3.704      |               | ug/L |   | 65   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 3.849      |               | ug/L |   | 67   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 2.815      |               | ug/L |   | 49   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 1.479      | J             | ug/L |   | 26   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 4.228      |               | ug/L |   | 74   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 4.451      |               | ug/L |   | 78   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 3.807      |               | ug/L |   | 67   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 3.873      |               | ug/L |   | 68   | 33 - 149    |
| 2-Methylphenol               | 5.71        | 4.070      |               | ug/L |   | 71   | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 4.226      |               | ug/L |   | 74   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 4.288      |               | ug/L |   | 75   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 3.535      |               | ug/L |   | 62   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 3.140      |               | ug/L |   | 55   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 2.293      | J             | ug/L |   | 40   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.034      |               | ug/L |   | 71   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 3.864      |               | ug/L |   | 68   | 52 - 137    |
| 4-Chloroaniline              | 5.71        | 1.904      |               | ug/L |   | 33   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | 5.71        | 3.730      |               | ug/L |   | 65   | 53 - 134    |
| 4-Nitroaniline               | 5.71        | 3.982      |               | ug/L |   | 70   | 45 - 148    |
| Acenaphthene                 | 5.71        | 3.917      |               | ug/L |   | 69   | 48 - 136    |
| Acenaphthylene               | 5.71        | 3.925      |               | ug/L |   | 69   | 40 - 149    |
| Aniline                      | 5.71        | 1.413      |               | ug/L |   | 25   | 10 - 73     |
| Anthracene                   | 5.71        | 3.703      |               | ug/L |   | 65   | 51 - 146    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Benzo[a]anthracene          | 5.71        | 3.841      |               | ug/L |   | 67   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 3.917      |               | ug/L |   | 69   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 3.834      |               | ug/L |   | 67   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 3.668      | I             | ug/L |   | 64   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 3.985      |               | ug/L |   | 70   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 3.443      |               | ug/L |   | 60   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 3.973      |               | ug/L |   | 70   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 4.106      |               | ug/L |   | 72   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 2.989      |               | ug/L |   | 52   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 3.711      |               | ug/L |   | 65   | 60 - 150    |
| Chrysene                    | 5.71        | 4.037      |               | ug/L |   | 71   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 3.854      |               | ug/L |   | 67   | 50 - 147    |
| Dibenzofuran                | 5.71        | 3.934      |               | ug/L |   | 69   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 3.655      |               | ug/L |   | 64   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.000      |               | ug/L |   | 70   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 3.777      |               | ug/L |   | 66   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 3.972      |               | ug/L |   | 70   | 55 - 150    |
| Fluoranthene                | 5.71        | 3.937      |               | ug/L |   | 69   | 50 - 144    |
| Fluorene                    | 5.71        | 3.853      |               | ug/L |   | 67   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 3.823      |               | ug/L |   | 67   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 3.787      |               | ug/L |   | 66   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 4.139      |               | ug/L |   | 72   | 24 - 150    |
| Hexachloroethane            | 5.71        | 3.836      |               | ug/L |   | 67   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.663      |               | ug/L |   | 64   | 46 - 138    |
| Isophorone                  | 5.71        | 3.716      |               | ug/L |   | 65   | 48 - 147    |
| Naphthalene                 | 5.71        | 3.817      |               | ug/L |   | 67   | 35 - 141    |
| Nitrobenzene                | 5.71        | 3.810      |               | ug/L |   | 67   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.045      |               | ug/L |   | 71   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 3.869      |               | ug/L |   | 68   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 2.846      |               | ug/L |   | 50   | 33 - 150    |
| Phenanthrene                | 5.71        | 3.900      |               | ug/L |   | 68   | 54 - 141    |
| Phenol                      | 5.71        | 3.592      | I             | ug/L |   | 63   | 40 - 145    |
| Pyrene                      | 5.71        | 3.957      |               | ug/L |   | 69   | 50 - 143    |
| Pyridine                    | 5.71        | 1.111      | J             | ug/L |   | 19   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 2.792      |               | ug/L |   | 49   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.088      |               | ug/L |   | 72   | 60 - 150    |
| Acetophenone                | 5.71        | 2.944      |               | ug/L |   | 52   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 3.208      |               | ug/L |   | 56   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.105      |               | ug/L |   | 54   | 52 - 128    |
| Diphenyl ether              | 5.71        | 3.006      |               | ug/L |   | 53   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.099      |               | ug/L |   | 54   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 1.886      |               | ug/L |   | 33   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.169      |               | ug/L |   | 55   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 2.604      |               | ug/L |   | 46   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 4.569      |               | ug/L |   | 80   | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 3.016      |               | ug/L |   | 53   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.806      |               | ug/L |   | 32   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 2.941      |               | ug/L |   | 51   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 2.920      |               | ug/L |   | 51   | 45 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Chlorophenol                 | 5.71        | 3.935      |               | ug/L |   | 69   | 51 - 143    |
| 2-Naphthylamine                | 5.71        | 1.749      |               | ug/L |   | 31   | 17 - 130    |
| 2-Picoline                     | 5.71        | 1.207      |               | ug/L |   | 21   | 10 - 143    |
| 2-Toluidine                    | 5.71        | 1.473      |               | ug/L |   | 26   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | <0.650     | U             | ug/L |   | 11   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | 1.296      |               | ug/L |   | 23   | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 2.852      | *-            | ug/L |   | 50   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 2.745      |               | ug/L |   | 48   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 2.874      |               | ug/L |   | 50   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 1.543      |               | ug/L |   | 54   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.483      |               | ug/L |   | 52   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.298      |               | ug/L |   | 54   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 0.8282     |               | ug/L |   | 56   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.034      |               | ug/L |   | 53   | 45 - 138    |
| Hexachloropropene              | 5.71        | 3.333      |               | ug/L |   | 58   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.130      |               | ug/L |   | 55   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.4793     | J             | ug/L |   | 52   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 2.651      |               | ug/L |   | 55   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.006      |               | ug/L |   | 53   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.159      |               | ug/L |   | 55   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.004      |               | ug/L |   | 70   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 3.474      |               | ug/L |   | 61   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.143      |               | ug/L |   | 55   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.089      |               | ug/L |   | 54   | 40 - 140    |
| N-Nitrosopyrrolidine           | 5.71        | 3.188      |               | ug/L |   | 56   | 20 - 130    |
| p-Dimethylamino azobenzene     | 5.71        | 3.132      |               | ug/L |   | 55   | 16 - 150    |
| Pentachloronitrobenzene        | 5.71        | 3.383      |               | ug/L |   | 59   | 38 - 145    |
| Phenacetin                     | 5.71        | 3.183      |               | ug/L |   | 56   | 50 - 150    |
| p-Phenylene diamine            | 5.71        | <5.71      | U             | ug/L |   | 27   | 5 - 112     |
| Pronamide                      | 5.71        | 3.283      | *-            | ug/L |   | 57   | 60 - 150    |
| Safrole, Total                 | 5.71        | 2.997      | *-            | ug/L |   | 52   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 60            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 59            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 59            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 59            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 59            |               | 8 - 124  |
| p-Terphenyl-d14             | 59            |               | 28 - 130 |

Lab Sample ID: LCS 860-275664/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate | 2.86        | 6.703      | *+            | ug/L |   | 235  | 70 - 150    |
| Dinoseb    | 5.71        | 7.310      |               | ug/L |   | 128  | 10 - 150    |
| Disulfoton | 2.86        | 6.066      | *+            | ug/L |   | 212  | 80 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275664/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
|                                  |             |            |               |      |   |      |             |
| Ethyl Parathion                  | 2.86        | 6.423      | *+            | ug/L |   | 225  | 70 - 150    |
| Famphur                          | 2.86        | 2.901      |               | ug/L |   | 102  | 10 - 150    |
| Methapyrilene                    | 5.71        | 8.123      |               | ug/L |   | 142  | 10 - 150    |
| Methyl parathion                 | 2.86        | 6.603      | *+            | ug/L |   | 231  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.256      |               | ug/L |   | 79   | 38 - 150    |
| Phorate                          | 2.86        | 6.404      | *+            | ug/L |   | 224  | 65 - 150    |
| Sulfotepp                        | 2.86        | 6.125      | *+            | ug/L |   | 214  | 28 - 150    |
| Thionazin                        | 2.86        | 2.966      |               | ug/L |   | 104  | 40 - 140    |

| Surrogate                   | LCS       |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 60        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 64        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 58        |           | 8 - 124  |
| p-Terphenyl-d14             | 59        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD |       |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-------|
|                              |             |             |                |      |   |      |             | RPD | Limit |
| 1,2,4-Trichlorobenzene       | 5.71        | 4.131       |                | ug/L |   | 72   | 55 - 120    | 1   | 30    |
| 1,2-Dichlorobenzene          | 5.71        | 4.063       |                | ug/L |   | 71   | 65 - 130    | 4   | 30    |
| 1,3-Dichlorobenzene          | 5.71        | 4.037       |                | ug/L |   | 71   | 26 - 130    | 4   | 30    |
| 1,4-Dichlorobenzene          | 5.71        | 4.052       |                | ug/L |   | 71   | 60 - 150    | 5   | 30    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 3.970       |                | ug/L |   | 69   | 65 - 145    | 7   | 30    |
| 2,4,5-Trichlorophenol        | 5.71        | 4.313       |                | ug/L |   | 75   | 58 - 150    | 3   | 30    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.084       |                | ug/L |   | 71   | 39 - 145    | 1   | 30    |
| 2,4-Dichlorophenol           | 5.71        | 3.913       |                | ug/L |   | 68   | 60 - 147    | 6   | 30    |
| 2,4-Dimethylphenol           | 5.71        | 3.971       |                | ug/L |   | 69   | 58 - 140    | 3   | 30    |
| 1,4-Dioxane                  | 5.71        | 2.981       |                | ug/L |   | 52   | 31 - 145    | 6   | 30    |
| 2,4-Dinitrophenol            | 5.71        | 1.590       | J              | ug/L |   | 28   | 10 - 150    | 7   | 30    |
| 2,4-Dinitrotoluene           | 5.71        | 4.209       |                | ug/L |   | 74   | 29 - 150    | 0   | 30    |
| 2,6-Dinitrotoluene           | 5.71        | 4.320       |                | ug/L |   | 76   | 55 - 150    | 3   | 30    |
| 2-Chloronaphthalene          | 5.71        | 4.115       |                | ug/L |   | 72   | 39 - 141    | 8   | 30    |
| 2-Methylnaphthalene          | 5.71        | 3.922       |                | ug/L |   | 69   | 33 - 149    | 1   | 30    |
| 2-Methylphenol               | 5.71        | 4.220       |                | ug/L |   | 74   | 49 - 140    | 4   | 30    |
| 2-Nitroaniline               | 5.71        | 4.178       |                | ug/L |   | 73   | 42 - 150    | 1   | 30    |
| 2-Nitrophenol                | 5.71        | 4.371       |                | ug/L |   | 76   | 43 - 150    | 2   | 30    |
| 3 & 4 Methylphenol           | 5.71        | 3.678       |                | ug/L |   | 64   | 39 - 142    | 4   | 30    |
| 3-Nitroaniline               | 5.71        | 3.309       |                | ug/L |   | 58   | 25 - 130    | 5   | 30    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 2.371       | J              | ug/L |   | 41   | 10 - 150    | 3   | 30    |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.158       |                | ug/L |   | 73   | 56 - 136    | 3   | 30    |
| 4-Chloro-3-methylphenol      | 5.71        | 4.017       |                | ug/L |   | 70   | 52 - 137    | 4   | 30    |
| 4-Chloroaniline              | 5.71        | 2.022       |                | ug/L |   | 35   | 10 - 95     | 6   | 30    |
| 4-Chlorophenyl phenyl ether  | 5.71        | 3.902       |                | ug/L |   | 68   | 53 - 134    | 4   | 30    |
| 4-Nitroaniline               | 5.71        | 4.045       |                | ug/L |   | 71   | 45 - 148    | 2   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits |  | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|--|-----|-----------|
|                             |             |             |                |      |   |      |             |  |     |           |
| Acenaphthene                | 5.71        | 4.112       |                | ug/L |   | 72   | 48 - 136    |  | 5   | 30        |
| Acenaphthylene              | 5.71        | 4.023       |                | ug/L |   | 70   | 40 - 149    |  | 2   | 30        |
| Aniline                     | 5.71        | 1.632       |                | ug/L |   | 29   | 10 - 73     |  | 14  | 30        |
| Anthracene                  | 5.71        | 3.759       |                | ug/L |   | 66   | 51 - 146    |  | 1   | 30        |
| Benzo[a]anthracene          | 5.71        | 3.860       |                | ug/L |   | 68   | 43 - 145    |  | 1   | 30        |
| Benzo[a]pyrene              | 5.71        | 3.951       |                | ug/L |   | 69   | 52 - 136    |  | 1   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 3.806       |                | ug/L |   | 67   | 45 - 140    |  | 1   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 3.683       | I              | ug/L |   | 64   | 44 - 137    |  | 0   | 30        |
| Benzo[k]fluoranthene        | 5.71        | 3.933       |                | ug/L |   | 69   | 37 - 140    |  | 1   | 30        |
| Benzyl alcohol              | 5.71        | 3.644       |                | ug/L |   | 64   | 40 - 133    |  | 6   | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.139       |                | ug/L |   | 72   | 52 - 143    |  | 4   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 4.339       |                | ug/L |   | 76   | 52 - 140    |  | 6   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 2.847       |                | ug/L |   | 50   | 50 - 140    |  | 5   | 30        |
| Butyl benzyl phthalate      | 5.71        | 3.746       |                | ug/L |   | 66   | 60 - 150    |  | 1   | 30        |
| Chrysene                    | 5.71        | 3.977       |                | ug/L |   | 70   | 47 - 137    |  | 1   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 3.885       |                | ug/L |   | 68   | 50 - 147    |  | 1   | 30        |
| Dibenzofuran                | 5.71        | 4.031       |                | ug/L |   | 71   | 52 - 139    |  | 2   | 30        |
| Diethyl phthalate           | 5.71        | 3.721       |                | ug/L |   | 65   | 55 - 137    |  | 2   | 30        |
| Dimethyl phthalate          | 5.71        | 3.997       |                | ug/L |   | 70   | 44 - 150    |  | 0   | 30        |
| Di-n-butyl phthalate        | 5.71        | 3.827       |                | ug/L |   | 67   | 49 - 146    |  | 1   | 30        |
| Di-n-octyl phthalate        | 5.71        | 4.011       |                | ug/L |   | 70   | 55 - 150    |  | 1   | 30        |
| Fluoranthene                | 5.71        | 4.005       |                | ug/L |   | 70   | 50 - 144    |  | 2   | 30        |
| Fluorene                    | 5.71        | 3.955       |                | ug/L |   | 69   | 54 - 136    |  | 3   | 30        |
| Hexachlorobenzene           | 5.71        | 3.862       |                | ug/L |   | 68   | 55 - 138    |  | 1   | 30        |
| Hexachlorobutadiene         | 5.71        | 3.854       |                | ug/L |   | 67   | 45 - 150    |  | 2   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 4.329       |                | ug/L |   | 76   | 24 - 150    |  | 4   | 30        |
| Hexachloroethane            | 5.71        | 4.120       |                | ug/L |   | 72   | 30 - 130    |  | 7   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.676       |                | ug/L |   | 64   | 46 - 138    |  | 0   | 30        |
| Isophorone                  | 5.71        | 3.863       |                | ug/L |   | 68   | 48 - 147    |  | 4   | 30        |
| Naphthalene                 | 5.71        | 3.873       |                | ug/L |   | 68   | 35 - 141    |  | 1   | 30        |
| Nitrobenzene                | 5.71        | 4.013       |                | ug/L |   | 70   | 52 - 141    |  | 5   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.010       |                | ug/L |   | 70   | 41 - 137    |  | 1   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 4.039       |                | ug/L |   | 71   | 51 - 135    |  | 4   | 30        |
| Pentachlorophenol           | 5.71        | 2.855       |                | ug/L |   | 50   | 33 - 150    |  | 0   | 30        |
| Phenanthrene                | 5.71        | 3.924       |                | ug/L |   | 69   | 54 - 141    |  | 1   | 30        |
| Phenol                      | 5.71        | 3.807       | I              | ug/L |   | 67   | 40 - 145    |  | 6   | 30        |
| Pyrene                      | 5.71        | 4.140       |                | ug/L |   | 72   | 50 - 143    |  | 5   | 30        |
| Pyridine                    | 5.71        | 1.246       | J              | ug/L |   | 22   | 10 - 84     |  | 11  | 30        |
| N-Nitro-o-toluidine         | 5.71        | 3.085       |                | ug/L |   | 54   | 29 - 141    |  | 10  | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.103       |                | ug/L |   | 72   | 60 - 150    |  | 0   | 30        |
| Acetophenone                | 5.71        | 3.101       |                | ug/L |   | 54   | 52 - 136    |  | 5   | 30        |
| N-Nitrosopiperidine         | 5.71        | 3.109       |                | ug/L |   | 54   | 36 - 148    |  | 3   | 30        |
| Pentachlorobenzene          | 5.71        | 3.105       |                | ug/L |   | 54   | 52 - 128    |  | 0   | 30        |
| Diphenyl ether              | 5.71        | 3.105       |                | ug/L |   | 54   | 46 - 130    |  | 3   | 30        |
| 1,1'-Biphenyl               | 5.71        | 3.107       |                | ug/L |   | 54   | 39 - 142    |  | 0   | 30        |
| 4-Aminobiphenyl             | 5.71        | 1.882       |                | ug/L |   | 33   | 10 - 115    |  | 0   | 30        |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.188       |                | ug/L |   | 56   | 46 - 125    |  | 1   | 30        |
| 1,3,5-Trinitrobenzene       | 5.71        | 2.596       |                | ug/L |   | 45   | 42 - 130    |  | 0   | 30        |
| 1,3-Dinitrobenzene          | 5.71        | 4.828       |                | ug/L |   | 84   | 65 - 150    |  | 6   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 275604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,4-Naphthoquinone             | 5.71        | 3.042       |                | ug/L |   | 53   | 24 - 137    | 1   | 30        |
| 1-Naphthylamine                | 5.71        | 1.830       |                | ug/L |   | 32   | 10 - 130    | 1   | 30        |
| 2,6-Dichlorophenol             | 5.71        | 3.032       |                | ug/L |   | 53   | 42 - 145    | 3   | 30        |
| 2-Acetylaminofluorene          | 5.71        | 3.049       |                | ug/L |   | 53   | 45 - 150    | 4   | 30        |
| 2-Chlorophenol                 | 5.71        | 4.143       |                | ug/L |   | 72   | 51 - 143    | 5   | 30        |
| 2-Naphthylamine                | 5.71        | 1.772       |                | ug/L |   | 31   | 17 - 130    | 1   | 30        |
| 2-Picoline                     | 5.71        | 1.302       |                | ug/L |   | 23   | 10 - 143    | 8   | 30        |
| 2-Toluidine                    | 5.71        | 1.653       |                | ug/L |   | 29   | 10 - 130    | 12  | 30        |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.7992      | J              | ug/L |   | 14   | 10 - 128    | 22  | 30        |
| 3,3'-Dimethylbenzidine         | 5.71        | 1.354       |                | ug/L |   | 24   | 10 - 130    | 4   | 30        |
| 3-Methylcholanthrene           | 5.71        | 2.865       | *-             | ug/L |   | 50   | 53 - 130    | 0   | 30        |
| 4-Nitroquinoline-1-oxide       | 5.71        | 2.759       |                | ug/L |   | 48   | 20 - 140    | 1   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 2.855       |                | ug/L |   | 50   | 27 - 146    | 1   | 30        |
| Aramite Peak 1                 | 2.86        | 1.598       |                | ug/L |   | 56   | 45 - 150    | 3   | 30        |
| Aramite Peak 2                 | 2.86        | 1.484       |                | ug/L |   | 52   | 45 - 150    | 0   | 30        |
| Diallate Peak 1                | 4.23        | 2.321       |                | ug/L |   | 55   | 47 - 150    | 1   | 30        |
| Diallate Peak 2                | 1.49        | 0.8885      |                | ug/L |   | 60   | 53 - 142    | 7   | 30        |
| Ethyl methanesulfonate         | 5.71        | 3.169       |                | ug/L |   | 55   | 45 - 138    | 4   | 30        |
| Hexachloropropene              | 5.71        | 3.474       |                | ug/L |   | 61   | 35 - 140    | 4   | 30        |
| Isosafrole                     | 5.71        | 3.149       |                | ug/L |   | 55   | 47 - 137    | 1   | 30        |
| Isosafrole Peak 1              | 0.914       | 0.5189      | J              | ug/L |   | 57   | 48 - 132    | 8   | 30        |
| Isosafrole Peak 2              | 4.80        | 2.630       |                | ug/L |   | 55   | 47 - 137    | 1   | 30        |
| Methyl methanesulfonate        | 5.71        | 3.155       |                | ug/L |   | 55   | 33 - 140    | 5   | 30        |
| N-Nitrosodiethylamine          | 5.71        | 3.308       |                | ug/L |   | 58   | 50 - 136    | 5   | 30        |
| N-Nitrosodimethylamine         | 5.71        | 4.154       |                | ug/L |   | 73   | 33 - 148    | 4   | 30        |
| N-Nitrosodi-n-butylamine       | 5.71        | 3.672       |                | ug/L |   | 64   | 30 - 150    | 6   | 30        |
| N-Nitrosomethylethylamine      | 5.71        | 3.256       |                | ug/L |   | 57   | 30 - 148    | 4   | 30        |
| N-Nitrosomorpholine            | 5.71        | 3.224       |                | ug/L |   | 56   | 40 - 140    | 4   | 30        |
| N-Nitrosopyrrolidine           | 5.71        | 3.388       |                | ug/L |   | 59   | 20 - 130    | 6   | 30        |
| p-Dimethylamino azobenzene     | 5.71        | 3.226       |                | ug/L |   | 56   | 16 - 150    | 3   | 30        |
| Pentachloronitrobenzene        | 5.71        | 3.643       |                | ug/L |   | 64   | 38 - 145    | 7   | 30        |
| Phenacetin                     | 5.71        | 3.252       |                | ug/L |   | 57   | 50 - 150    | 2   | 30        |
| p-Phenylene diamine            | 5.71        | <5.71       | U              | ug/L |   | 25   | 5 - 112     | 8   | 30        |
| Pronamide                      | 5.71        | 3.409       |                | ug/L |   | 60   | 60 - 150    | 4   | 30        |
| Safrole, Total                 | 5.71        | 3.052       | *-             | ug/L |   | 53   | 70 - 130    | 2   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 65             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 62             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 63             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 63             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 63             |                | 8 - 124  |
| p-Terphenyl-d14             | 60             |                | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275664/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Dimethoate                       | 2.86        | 6.296       | *+             | ug/L |   | 220  | 70 - 150    | 6   | 30        |
| Dinoseb                          | 5.71        | 7.043       |                | ug/L |   | 123  | 10 - 150    | 4   | 30        |
| Disulfoton                       | 2.86        | 5.773       | *+             | ug/L |   | 202  | 80 - 150    | 5   | 30        |
| Ethyl Parathion                  | 2.86        | 6.217       | *+             | ug/L |   | 218  | 70 - 150    | 3   | 30        |
| Famphur                          | 2.86        | 2.704       |                | ug/L |   | 95   | 10 - 150    | 7   | 30        |
| Methapyrilene                    | 5.71        | 7.311       |                | ug/L |   | 128  | 10 - 150    | 11  | 30        |
| Methyl parathion                 | 2.86        | 5.921       | *+             | ug/L |   | 207  | 80 - 150    | 11  | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.075       |                | ug/L |   | 73   | 38 - 150    | 8   | 30        |
| Phorate                          | 2.86        | 5.606       | J *+           | ug/L |   | 196  | 65 - 150    | 13  | 30        |
| Sulfotepp                        | 2.86        | 5.537       | *+             | ug/L |   | 194  | 28 - 150    | 10  | 30        |
| Thionazin                        | 2.86        | 2.786       |                | ug/L |   | 98   | 40 - 140    | 6   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 52             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 58             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 57             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 63             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 55             |                | 8 - 124  |
| p-Terphenyl-d14             | 55             |                | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: MB 860-275664/1-A

Matrix: Water

Analysis Batch: 276611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                                  | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine - RA | <1.45     | U            | 5.71 | 1.45 | ug/L |   | 11/13/25 14:15 | 11/18/25 15:48 | 1       |

| Surrogate                        | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) - RA | 49           |              | 26 - 136 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| 2-Fluorobiphenyl - RA            | 55           |              | 39 - 130 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| 2-Fluorophenol (Surr) - RA       | 63           |              | 19 - 120 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| Nitrobenzene-d5 (Surr) - RA      | 56           |              | 32 - 133 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| Phenol-d5 (Surr) - RA            | 50           |              | 8 - 124  | 11/13/25 14:15 | 11/18/25 15:48 | 1       |
| p-Terphenyl-d14 - RA             | 56           |              | 28 - 130 | 11/13/25 14:15 | 11/18/25 15:48 | 1       |

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 276611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                                  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine - RA | 5.71        | <1.45      | U *-          | ug/L |   | 0    | 5 - 150     |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

Lab Sample ID: LCS 860-275664/2-A

Matrix: Water

Analysis Batch: 276611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275664

|                                  | LCS       | LCS       |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) - RA | 56        |           | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 54        |           | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 59        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 62        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 49        |           | 8 - 124  |
| p-Terphenyl-d14 - RA             | 58        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275664/3-A

Matrix: Water

Analysis Batch: 276611

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275664

| Analyte                                  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine - RA | 5.71        | <1.45       | U *-           | ug/L |   | 0    | 5 - 150     | NC  | 30        |

|                                  | LCSD      | LCSD      |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) - RA | 55        |           | 26 - 136 |
| 2-Fluorobiphenyl - RA            | 56        |           | 39 - 130 |
| 2-Fluorophenol (Surr) - RA       | 58        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - RA      | 63        |           | 32 - 133 |
| Phenol-d5 (Surr) - RA            | 47        |           | 8 - 124  |
| p-Terphenyl-d14 - RA             | 56        |           | 28 - 130 |



# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

## GC/MS VOA

### Analysis Batch: 276231

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116248-1      | CM-05                  | Total/NA  | Water  | 8260D  |            |
| 860-116248-2      | CM-04                  | Total/NA  | Water  | 8260D  |            |
| 860-116248-3      | CM-03                  | Total/NA  | Water  | 8260D  |            |
| 860-116248-4      | CM-02                  | Total/NA  | Water  | 8260D  |            |
| 860-116248-5      | CM-01                  | Total/NA  | Water  | 8260D  |            |
| 860-116248-6      | CM-00                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276231/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276231/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276231/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116248-1 MS   | CM-05                  | Total/NA  | Water  | 8260D  |            |

## GC/MS Semi VOA

### Analysis Batch: 275604

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275664/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275664     |
| LCS 860-275664/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275664     |
| LCSD 860-275664/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275664     |

### Prep Batch: 275662

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 860-116248-1         | CM-05                  | Total/NA  | Water  | 3511   |            |
| 860-116248-1 - RA    | CM-05                  | Total/NA  | Water  | 3511   |            |
| 860-116248-2         | CM-04                  | Total/NA  | Water  | 3511   |            |
| 860-116248-2 - RA    | CM-04                  | Total/NA  | Water  | 3511   |            |
| 860-116248-3         | CM-03                  | Total/NA  | Water  | 3511   |            |
| 860-116248-3 - RA    | CM-03                  | Total/NA  | Water  | 3511   |            |
| MB 860-275662/1-A    | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/2-A   | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/4-A   | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/3-A  | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/5-A  | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-A MS  | Matrix Spike           | Total/NA  | Water  | 3511   |            |
| 860-116304-G-5-B MSD | Matrix Spike Duplicate | Total/NA  | Water  | 3511   |            |

### Prep Batch: 275664

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-116248-4             | CM-02                  | Total/NA  | Water  | 3511   |            |
| 860-116248-4 - RA        | CM-02                  | Total/NA  | Water  | 3511   |            |
| 860-116248-5             | CM-01                  | Total/NA  | Water  | 3511   |            |
| 860-116248-5 - RA        | CM-01                  | Total/NA  | Water  | 3511   |            |
| 860-116248-6             | CM-00                  | Total/NA  | Water  | 3511   |            |
| 860-116248-6 - RA        | CM-00                  | Total/NA  | Water  | 3511   |            |
| MB 860-275664/1-A        | Method Blank           | Total/NA  | Water  | 3511   |            |
| MB 860-275664/1-A - RA   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275664/2-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275664/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275664/4-A       | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275664/3-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275664/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275664/5-A      | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

### GC/MS Semi VOA

#### Analysis Batch: 275931

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116248-2  | CM-04            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116248-3  | CM-03            | Total/NA  | Water  | 8270E  | 275662     |

#### Analysis Batch: 275964

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116248-4        | CM-02                  | Total/NA  | Water  | 8270E  | 275664     |
| 860-116248-5        | CM-01                  | Total/NA  | Water  | 8270E  | 275664     |
| MB 860-275662/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275664/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275664     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275664/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275664     |

#### Analysis Batch: 276083

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 860-116248-1         | CM-05                  | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-A MS  | Matrix Spike           | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-G-5-B MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 275662     |

#### Analysis Batch: 276086

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116248-6  | CM-00            | Total/NA  | Water  | 8270E  | 275664     |

#### Analysis Batch: 276290

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275662/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |

#### Analysis Batch: 276611

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 860-116248-4 - RA        | CM-02                  | Total/NA  | Water  | 8270E  | 275664     |
| 860-116248-5 - RA        | CM-01                  | Total/NA  | Water  | 8270E  | 275664     |
| MB 860-275664/1-A - RA   | Method Blank           | Total/NA  | Water  | 8270E  | 275664     |
| LCS 860-275664/2-A - RA  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275664     |
| LCSD 860-275664/3-A - RA | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275664     |

#### Analysis Batch: 276617

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116248-6 - RA | CM-00            | Total/NA  | Water  | 8270E  | 275664     |

#### Analysis Batch: 276619

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116248-1 - RA | CM-05            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116248-2 - RA | CM-04            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116248-3 - RA | CM-03            | Total/NA  | Water  | 8270E  | 275662     |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

**Client Sample ID: CM-05**

**Date Collected: 11/11/25 08:01**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116248-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276231       | 11/17/25 10:43       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 12:04       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 01:34       | EM      | EET HOU |

**Client Sample ID: CM-04**

**Date Collected: 11/11/25 08:23**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116248-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276231       | 11/17/25 11:03       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:13       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275931       | 11/15/25 01:04       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:13       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 09:53       | EM      | EET HOU |

**Client Sample ID: CM-03**

**Date Collected: 11/11/25 08:45**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116248-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276231       | 11/17/25 11:24       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.6 mL        | 4 mL         | 275662       | 11/13/25 14:13       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275931       | 11/15/25 00:33       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.6 mL        | 4 mL         | 275662       | 11/13/25 14:13       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 09:23       | EM      | EET HOU |

**Client Sample ID: CM-02**

**Date Collected: 11/11/25 09:05**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116248-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276231       | 11/17/25 11:44       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275964       | 11/15/25 01:53       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.8 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276611       | 11/18/25 18:37       | LPL     | EET HOU |

**Client Sample ID: CM-01**

**Date Collected: 11/11/25 09:38**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116248-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276231       | 11/17/25 12:05       | NA      | EET HOU |

Eurofins Houston

Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

**Client Sample ID: CM-01**  
**Date Collected: 11/11/25 09:38**  
**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116248-5**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275964       | 11/15/25 02:21       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.1 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276611       | 11/18/25 19:05       | LPL     | EET HOU |

**Client Sample ID: CM-00**  
**Date Collected: 11/11/25 09:56**  
**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116248-6**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276231       | 11/17/25 12:25       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.5 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276086       | 11/15/25 10:44       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.5 mL        | 4 mL         | 275664       | 11/13/25 14:15       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276617       | 11/18/25 20:28       | EM      | EET HOU |

**Laboratory References:**  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-30-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116248-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116248-1  | CM-05            | Water  | 11/11/25 08:01 | 11/12/25 09:00 | Mississippi   |
| 860-116248-2  | CM-04            | Water  | 11/11/25 08:23 | 11/12/25 09:00 | Mississippi   |
| 860-116248-3  | CM-03            | Water  | 11/11/25 08:45 | 11/12/25 09:00 | Mississippi   |
| 860-116248-4  | CM-02            | Water  | 11/11/25 09:05 | 11/12/25 09:00 | Mississippi   |
| 860-116248-5  | CM-01            | Water  | 11/11/25 09:38 | 11/12/25 09:00 | Mississippi   |
| 860-116248-6  | CM-00            | Water  | 11/11/25 09:56 | 11/12/25 09:00 | Mississippi   |





## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116248-1

**Login Number: 116248**

**List Source: Eurofins Houston**

**List Number: 1**

**Creator: Jimenez, Nicanor**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 12/9/2025 3:43:12 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116304-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
12/9/2025 3:43:12 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                                                                 |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                                                                |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                                                                      |
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                                                            |
| F2        | MS/MSD RPD exceeds control limits                                                                                                                         |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.                                             |
| I         | Value is EMPC (estimated maximum possible concentration).                                                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.                                            |
| S1-       | Surrogate recovery exceeds control limits, low biased.                                                                                                    |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                                                                   |
| U         | Indicates the analyte was analyzed for but not detected.                                                                                                  |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |

Eurofins Houston

# Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report.          |
|--------------|--------------------------------------------------------------------------------------|
| RL           | Reporting Limit or Requested Limit (Radiochemistry)                                  |
| RPD          | Relative Percent Difference, a measure of the relative difference between two points |
| TEF          | Toxicity Equivalent Factor (Dioxin)                                                  |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)                                                |
| TNTC         | Too Numerous To Count                                                                |

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| 15 |



# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116304-1

**Job ID: 860-116304-1**

**Eurofins Houston**

## Job Narrative 860-116304-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/12/2025 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

### GC/MS VOA

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-276012 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-276012 recovered above the upper control limit for ; 2-Butanone, 2-Hexanone, Acetone ,4-Methyl-2-pentanone 1,1-Dichloroethane ,Isopropylbenzene , 1,4-Dioxane, trans-1,4-Dichloro-2-butene, Propionitrile, Cyclohexane, 2-Propanol, Ethyl methacrylate, Ethylbenzene and Isobutanol The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276012/2).

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-276012 recovered outside control limits for the following analytes: Ethyl methacrylate These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 860-276012 was outside control limits for iodomethane. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-276330 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: (860-115835-A-8) and (860-115835-A-8 MS). Elevated reporting limits (RLs) are provided.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-276228 recovered outside control limits for the following analytes: Vinyl acetate

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Di-n-octyl phthalate, 1,3-Dinitrobenzene, Hexachloropropene and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-275662 and analytical batch 860-275964 recovered outside control limits for the following analytes: Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Methapyrilene, Disulfoton and Thionazin. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Eurofins Houston

## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116304-1

### Job ID: 860-116304-1 (Continued)

Eurofins Houston

Method 8270E\_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275662 and analytical batch 860-275964 recovered outside control limits for the following analyte(s): Benzyl alcohol, Pyridine, 2-Picoline, 3,3'-Dimethylbenzidine and p-Phenylene diamine. Benzyl alcohol, Pyridine, 2-Picoline, 3,3'-Dimethylbenzidine and p-Phenylene diamine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275964 recovered above the upper control limit for Dimethoate, Ethyl Parathion, Dinoseb, Phorate, Sulfotepp, Methyl parathion, Disulfoton and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275964/3).

Method 8270E\_QQQ: The laboratory is using 70 - 130% as interim acceptance criteria for recoveries of spiked analytes for Saftrole, Total, until in-house LCS limits are developed. Data is flagged and reported.

(LCS 860-275662/2-A) and (LCSD 860-275662/3-A)

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-18 (860-116304-5[MS]) and MW-18 (860-116304-5[MSD]). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Dimethoate, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276083/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-275662 and analytical batch 860-276083 were outside control limits. Sample matrix interference and non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276083 recovered above the upper control limit for Butyl benzyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276083/2).

Method 8270E\_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275662 and analytical batch 860-276290 recovered outside control limits for the following analyte: alpha,alpha-Dimethyl phenethylamine. alpha,alpha-Dimethyl phenethylamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for 2-Acetylaminofluorene, Aramite Peak 1, Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275931/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275931 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275931/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Eurofins Houston

## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116304-1

### Job ID: 860-116304-1 (Continued)

Eurofins Houston

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276472 recovered above the upper control limit for 2-Fluorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276472/2).

Method 8270E\_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-275662 and analytical batch 860-276472 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19 (860-116304-1), MW-18 (860-116304-5), MW-18 (860-116304-5[MS]) and MW-18 (860-116304-5[MSD]). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-19 (860-116304-1), MW-18 (860-116304-5), MW-18 (860-116304-5[MS]) and MW-18 (860-116304-5[MSD]). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276619 recovered above the upper control limit for 2-Fluorophenol (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276619/2).

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-19 (860-116304-1) and MW-20 (860-116304-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276908 recovered above the upper control limit for 2-Fluorophenol (Surr), Hexachloroethane and Phenol-d5 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276908/2).

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19 (860-116304-1) and MW-20 (860-116304-3). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-22 (860-116304-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-20 (860-116304-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-20 (860-116304-3). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-279096 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-279096/3).

Method 8270E\_QQQ: The following samples were analyzed outside of preparation holding time due to initial analysis A9 spike omitted during the extraction process: MW-18 (860-116304-5[MS]) and MW-18 (860-116304-5[MSD]).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

### Client Sample ID: MW-19

### Lab Sample ID: 860-116304-1

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,2-Dichlorobenzene | 0.257  | J         | 0.569 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane         | 0.911  |           | 0.569 | 0.104 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran        | 3.72   |           | 0.569 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene            | 0.214  | J         | 0.569 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene         | 12.6   |           | 0.569 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol              | 3.43   |           | 1.14  | 0.504 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 8500   |           | 1140  | 201   | ug/L | 2000    |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL  | 917    |           | 56.9  | 11.3  | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-22

### Lab Sample ID: 860-116304-2

| Analyte                 | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Chloroform              | 0.722  | J         | 1.00  | 0.464  | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene     | 0.131  | J         | 0.567 | 0.100  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dichlorophenol      | 0.201  | J         | 0.567 | 0.125  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dimethylphenol      | 1.47   |           | 0.567 | 0.111  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane             | 2.71   |           | 0.567 | 0.104  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol          | 0.553  | J         | 0.567 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitroaniline          | 2.33   | I         | 0.567 | 0.157  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol      | 1.35   |           | 0.567 | 0.0937 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether | 0.129  | J I       | 0.567 | 0.106  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran            | 4.64   |           | 0.567 | 0.111  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene             | 22.3   |           | 0.567 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                  | 12.1   |           | 1.13  | 0.503  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol          | 0.123  | J         | 0.567 | 0.102  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL     | 11000  |           | 1130  | 201    | ug/L | 2000    |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL      | 2550   |           | 1130  | 225    | ug/L | 2000    |   | 8270E  | Total/NA  |

### Client Sample ID: MW-20

### Lab Sample ID: 860-116304-3

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,4-Dioxane                 | 6.65   |           | 0.571 | 0.105 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene                | 1.01   |           | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate | 0.699  | J         | 1.14  | 0.570 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran                | 0.623  |           | 0.571 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                    | 0.172  | J         | 0.571 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene                 | 0.474  | J         | 0.571 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                      | 7.11   |           | 1.14  | 0.506 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL          | 34.9   |           | 28.5  | 5.65  | ug/L | 50      |   | 8270E  | Total/NA  |
| Diphenyl ether - DL2        | 3390   |           | 285   | 50.5  | ug/L | 500     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-24

### Lab Sample ID: 860-116304-4

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,4-Dioxane         | 0.675  |           | 0.568 | 0.104 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl       | 3.12   |           | 0.568 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 41.2   |           | 5.68  | 1.00  | ug/L | 10      |   | 8270E  | Total/NA  |

### Client Sample ID: MW-18

### Lab Sample ID: 860-116304-5

| Analyte       | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Benzene       | 1.48   |           | 1.00 | 0.460 | ug/L | 1       |   | 8260D  | Total/NA  |
| Propylbenzene | 1.29   |           | 1.00 | 0.429 | ug/L | 1       |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

### Client Sample ID: MW-18 (Continued)

Lab Sample ID: 860-116304-5

| Analyte                           | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| 1,2-Dichlorobenzene               | 0.249  | J         | 0.562 | 0.0992 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene               | 0.394  | J         | 0.562 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane                       | 4.11   |           | 0.562 | 0.103  | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene                      | 0.965  |           | 0.562 | 0.0996 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether           | 0.687  | F1        | 0.562 | 0.105  | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate       | 0.735  | J F1      | 1.12  | 0.561  | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                          | 0.146  | J         | 0.562 | 0.111  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                            | 3.38   |           | 1.12  | 0.498  | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate | 0.888  |           | 0.562 | 0.130  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL               | 1070   |           | 28.1  | 4.97   | ug/L | 50      |   | 8270E  | Total/NA  |

### Client Sample ID: TB-07

Lab Sample ID: 860-116304-6

No Detections.

### Client Sample ID: MW-06

Lab Sample ID: 860-116304-7

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,4-Dioxane    | 0.152  | J         | 0.574 | 0.105 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether | 0.101  | J         | 0.574 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-09

Lab Sample ID: 860-116304-8

| Analyte                           | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,1-Dichloroethene                | 3.36   |           | 1.00  | 0.738 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,2-Dichloropropane               | 1.71   | J         | 5.00  | 0.556 | ug/L | 1       |   | 8260D  | Total/NA  |
| Benzene                           | 2.02   |           | 1.00  | 0.460 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene                     | 1.41   |           | 1.00  | 0.455 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene            | 18.8   |           | 1.00  | 0.457 | ug/L | 1       |   | 8260D  | Total/NA  |
| trans-1,2-Dichloroethene          | 54.3   |           | 1.00  | 0.368 | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene                   | 2.15   | J         | 5.00  | 1.50  | ug/L | 1       |   | 8260D  | Total/NA  |
| Vinyl chloride                    | 20.0   |           | 2.00  | 0.428 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,4-Dioxane                       | 8.33   |           | 0.573 | 0.105 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                    | 1.21   |           | 0.573 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate | 1.37   |           | 0.573 | 0.133 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-07

Lab Sample ID: 860-116304-9

| Analyte                           | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,4-Dioxane                       | 0.439  | J         | 0.569 | 0.104 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-ethylhexyl) phthalate       | 0.582  | J         | 1.14  | 0.569 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                    | 10.7   |           | 0.569 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate | 0.221  | J         | 0.569 | 0.132 | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-19

Lab Sample ID: 860-116304-1

Date Collected: 11/10/25 10:13

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 00:23 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 00:23 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 00:23 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 00:23 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 00:23 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 00:23 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 00:23 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Ethyl methacrylate                    | <1.12  | U **      | 5.00 | 1.12  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 00:23 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 00:23 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 00:23 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-19

Lab Sample ID: 860-116304-1

Date Collected: 11/10/25 10:13

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 00:23 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 00:23 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 00:23 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 00:23 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 00:23 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 00:23 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 00:23 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 00:23 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 00:23 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 00:23 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 00:23 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 00:23 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 90        |           | 63 - 144 |          | 11/15/25 00:23 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 74 - 124 |          | 11/15/25 00:23 | 1       |
| Dibromofluoromethane (Surr)  | 93        |           | 75 - 131 |          | 11/15/25 00:23 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 11/15/25 00:23 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120       | U         | 0.569 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| <b>1,2-Dichlorobenzene</b>   | <b>0.257</b> | <b>J</b>  | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 1,3-Dichlorobenzene          | <0.107       | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 1,4-Dichlorobenzene          | <0.109       | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84        | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.429       | U         | 0.569 | 0.429  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.116       | U         | 0.569 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,4-Dichlorophenol           | <0.125       | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,4-Dimethylphenol           | <0.111       | U         | 0.569 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| <b>1,4-Dioxane</b>           | <b>0.911</b> |           | 0.569 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,4-Dinitrophenol            | <1.38        | U         | 5.69  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,4-Dinitrotoluene           | <0.511       | U         | 1.14  | 0.511  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,6-Dinitrotoluene           | <0.272       | U         | 0.569 | 0.272  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Chloronaphthalene          | <0.118       | U         | 0.569 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Methylnaphthalene          | <0.109       | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Methylphenol               | <0.109       | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Nitroaniline               | <0.157       | U         | 0.569 | 0.157  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Nitrophenol                | <0.137       | U         | 0.569 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 3 & 4 Methylphenol           | <0.0940      | U         | 0.569 | 0.0940 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 3-Nitroaniline               | <0.222       | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22        | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-19

Lab Sample ID: 860-116304-1

Date Collected: 11/10/25 10:13

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result         | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|----------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.105         | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 4-Chloro-3-methylphenol     | <0.119         | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 4-Chloroaniline             | <0.0877        | U         | 0.569 | 0.0877 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0950        | U         | 0.569 | 0.0950 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 4-Nitroaniline              | <0.270         | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Acenaphthene                | <0.101         | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Acenaphthylene              | <0.124         | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Aniline                     | <0.448         | U         | 1.14  | 0.448  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Anthracene                  | <0.104         | U         | 0.569 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Benzo[a]anthracene          | <0.126         | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Benzo[a]pyrene              | <0.107         | U         | 0.284 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Benzo[b]fluoranthene        | <0.124         | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0899        | U         | 0.569 | 0.0899 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Benzo[k]fluoranthene        | <0.123         | U         | 0.569 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Benzyl alcohol              | <0.223         | U *- *1   | 2.84  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107         | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.106         | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.569         | U         | 1.14  | 0.569  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Butyl benzyl phthalate      | <0.335         | U         | 1.14  | 0.335  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Chrysene                    | <0.0961        | U         | 0.569 | 0.0961 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0847        | U         | 0.114 | 0.0847 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| <b>Dibenzofuran</b>         | <b>3.72</b>    |           | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Diethyl phthalate           | <0.186         | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Dimethyl phthalate          | <0.133         | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Di-n-butyl phthalate        | <0.657         | U         | 1.14  | 0.657  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Di-n-octyl phthalate        | <0.284         | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Fluoranthene                | <0.119         | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| <b>Fluorene</b>             | <b>0.214 J</b> |           | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Hexachlorobenzene           | <0.131         | U         | 0.569 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Hexachlorobutadiene         | <0.161         | U         | 0.569 | 0.161  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Hexachlorocyclopentadiene   | <0.178         | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Hexachloroethane            | <0.124         | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102         | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Isophorone                  | <0.105         | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| <b>Naphthalene</b>          | <b>12.6</b>    |           | 0.569 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Nitrobenzene                | <0.152         | U         | 0.569 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147         | U         | 0.569 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosodiphenylamine      | <0.112         | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Pentachlorophenol           | <0.311         | U         | 0.569 | 0.311  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Phenanthrene                | <0.106         | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| <b>Phenol</b>               | <b>3.43</b>    |           | 1.14  | 0.504  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Pyrene                      | <0.128         | U         | 0.569 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Pyridine                    | <0.833         | U *- *1   | 2.84  | 0.833  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitro-o-toluidine         | <0.649         | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.253         | U         | 0.569 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Acetophenone                | <0.138         | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosopiperidine         | <0.628         | U         | 1.14  | 0.628  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Pentachlorobenzene          | <0.125         | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 4-Aminobiphenyl             | <0.194         | U         | 0.569 | 0.194  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-19

Lab Sample ID: 860-116304-1

Date Collected: 11/10/25 10:13

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.569 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 1,3,5-Trinitrobenzene               | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 1,3-Dinitrobenzene                  | <0.585  | U         | 1.14  | 0.585  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U         | 0.569 | 0.0609 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 1-Naphthylamine                     | <0.268  | U         | 0.569 | 0.268  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2,6-Dichlorophenol                  | <0.0969 | U         | 0.569 | 0.0969 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Naphthylamine                     | <0.410  | U         | 0.569 | 0.410  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.569 | 0.422  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 3,3'-Dichlorobenzidine              | <0.647  | U         | 1.14  | 0.647  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294  | U *- *1   | 0.569 | 0.294  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 3-Methylcholanthrene                | <0.0878 | U         | 0.569 | 0.0878 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.634  | U         | 1.14  | 0.634  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.569 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *-      | 5.69  | 1.44   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.569 | 0.202  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Aramite, Total                      | <0.183  | U *-      | 0.569 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Diallate                            | <0.0298 | U *-      | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Diallate Peak 1                     | <0.0744 | U         | 0.569 | 0.0744 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Diallate Peak 2                     | <0.0298 | U         | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Dimethoate                          | <0.497  | U **      | 2.84  | 0.497  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Dinoseb                             | <0.673  | U **      | 2.84  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.569 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Ethyl Parathion                     | <0.623  | U **      | 1.14  | 0.623  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Hexachloropropene                   | <0.569  | U         | 0.569 | 0.569  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Isosafrole                          | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Isosafrole Peak 2                   | <0.0981 | U         | 0.569 | 0.0981 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Methapyrilene                       | <1.51   | U **      | 2.28  | 1.51   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.569 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Methyl parathion                    | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosodiethylamine               | <0.670  | U         | 1.14  | 0.670  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.720  | U         | 1.14  | 0.720  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosomethylethylamine           | <0.698  | U         | 1.14  | 0.698  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosomorpholine                 | <0.710  | U         | 1.14  | 0.710  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.569 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132  | U         | 0.569 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.569 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Pentachloronitrobenzene             | <0.252  | U         | 0.569 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Phenacetin                          | <0.251  | U         | 0.569 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Phorate                             | <2.60   | U **      | 5.69  | 2.60   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| p-Phenylene diamine                 | <5.69   | U *-      | 5.69  | 5.69   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Pronamide                           | <0.134  | U         | 0.569 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Safrole, Total                      | <0.0916 | U *-      | 0.569 | 0.0916 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-19

Lab Sample ID: 860-116304-1

Date Collected: 11/10/25 10:13

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Sulfotep  | <0.469 | U **      | 1.14 | 0.469 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Thionazin | <0.338 | U **      | 1.14 | 0.338 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 126       |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Fluorobiphenyl            | 72        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 100       |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 07:03 | 1       |
| p-Terphenyl-d14             | 113       |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 07:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 8500   |           | 1140 | 201  | ug/L |   | 11/13/25 14:11 | 11/19/25 22:31 | 2000    |
| 1,1'-Biphenyl  | 917    |           | 56.9 | 11.3 | ug/L |   | 11/13/25 14:11 | 11/18/25 16:45 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 263       | I S1+     | 26 - 136 | 11/13/25 14:11 | 11/18/25 16:45 | 100     |
| 2,4,6-Tribromophenol (Surr) | 4417      | S1+       | 26 - 136 | 11/13/25 14:11 | 11/19/25 22:31 | 2000    |
| 2-Fluorobiphenyl            | 88        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 16:45 | 100     |
| 2-Fluorobiphenyl            | 1065      | I S1+     | 39 - 130 | 11/13/25 14:11 | 11/19/25 22:31 | 2000    |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 16:45 | 100     |
| 2-Fluorophenol (Surr)       | 873       | S1+       | 19 - 120 | 11/13/25 14:11 | 11/19/25 22:31 | 2000    |
| Nitrobenzene-d5 (Surr)      | 73        | I         | 32 - 133 | 11/13/25 14:11 | 11/18/25 16:45 | 100     |
| Nitrobenzene-d5 (Surr)      | 648       | S1+       | 32 - 133 | 11/13/25 14:11 | 11/19/25 22:31 | 2000    |
| Phenol-d5 (Surr)            | 33        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 16:45 | 100     |
| Phenol-d5 (Surr)            | 991       | I S1+     | 8 - 124  | 11/13/25 14:11 | 11/19/25 22:31 | 2000    |
| p-Terphenyl-d14             | 97        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 16:45 | 100     |
| p-Terphenyl-d14             | 589       | S1+       | 28 - 130 | 11/13/25 14:11 | 11/19/25 22:31 | 2000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.569 | 0.159 | ug/L |   | 11/13/25 14:11 | 11/18/25 16:15 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 103       |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 16:15 | 1       |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 16:15 | 1       |
| 2-Fluorophenol (Surr)       | 49        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 16:15 | 1       |
| Nitrobenzene-d5 (Surr)      | 99        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 16:15 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 16:15 | 1       |
| p-Terphenyl-d14             | 101       |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 16:15 | 1       |

Client Sample ID: MW-22

Lab Sample ID: 860-116304-2

Date Collected: 11/10/25 11:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                   | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,1,1-Trichloroethane     | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,1,2,2-Tetrachloroethane | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 00:43 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-22

Lab Sample ID: 860-116304-2

Date Collected: 11/10/25 11:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 00:43 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 00:43 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 00:43 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 00:43 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 00:43 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Chloroform                            | 0.722  | J         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 00:43 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 00:43 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Ethyl methacrylate                    | <1.12  | U *       | 5.00 | 1.12  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 00:43 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Methacrylonitrile                     | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Methyl methacrylate                   | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/15/25 00:43 | 1       |
| Methyl tert-butyl ether               | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/15/25 00:43 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-22

Lab Sample ID: 860-116304-2

Date Collected: 11/10/25 11:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 00:43 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 00:43 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 00:43 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 00:43 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 00:43 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 00:43 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 00:43 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 00:43 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 00:43 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 00:43 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 00:43 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 00:43 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 00:43 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 00:43 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 00:43 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 00:43 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 00:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 63 - 144 |          | 11/15/25 00:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 74 - 124 |          | 11/15/25 00:43 | 1       |
| Dibromofluoromethane (Surr)  | 92        |           | 75 - 131 |          | 11/15/25 00:43 | 1       |
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 11/15/25 00:43 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                       | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene        | <0.120       | U         | 0.567 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| <b>1,2-Dichlorobenzene</b>    | <b>0.131</b> | <b>J</b>  | 0.567 | 0.100  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 1,3-Dichlorobenzene           | <0.107       | U         | 0.567 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 1,4-Dichlorobenzene           | <0.109       | U         | 0.567 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,2'-oxybis[1-chloropropane]  | <1.84        | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,4,5-Trichlorophenol         | <0.428       | U         | 0.567 | 0.428  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,4,6-Trichlorophenol         | <0.116       | U         | 0.567 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| <b>2,4-Dichlorophenol</b>     | <b>0.201</b> | <b>J</b>  | 0.567 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| <b>2,4-Dimethylphenol</b>     | <b>1.47</b>  |           | 0.567 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| <b>1,4-Dioxane</b>            | <b>2.71</b>  |           | 0.567 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,4-Dinitrophenol             | <1.37        | U         | 5.67  | 1.37   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,4-Dinitrotoluene            | <0.509       | U         | 1.13  | 0.509  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,6-Dinitrotoluene            | <0.271       | U         | 0.567 | 0.271  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Chloronaphthalene           | <0.117       | U         | 0.567 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Methylnaphthalene           | <0.108       | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| <b>2-Methylphenol</b>         | <b>0.553</b> | <b>J</b>  | 0.567 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| <b>2-Nitroaniline</b>         | <b>2.33</b>  | <b>I</b>  | 0.567 | 0.157  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Nitrophenol                 | <0.136       | U         | 0.567 | 0.136  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| <b>3 &amp; 4 Methylphenol</b> | <b>1.35</b>  |           | 0.567 | 0.0937 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 3-Nitroaniline                | <0.221       | U         | 1.13  | 0.221  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 4,6-Dinitro-2-methylphenol    | <1.22        | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 4-Bromophenyl phenyl ether    | <0.105       | U         | 0.567 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 4-Chloro-3-methylphenol       | <0.118       | U         | 0.567 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 4-Chloroaniline               | <0.0875      | U         | 0.567 | 0.0875 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-22

Lab Sample ID: 860-116304-2

Date Collected: 11/10/25 11:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chlorophenyl phenyl ether | <0.0947 | U         | 0.567 | 0.0947 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 4-Nitroaniline              | <0.269  | U         | 1.13  | 0.269  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Acenaphthene                | <0.101  | U         | 0.567 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Aniline                     | <0.447  | U *-      | 1.13  | 0.447  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Anthracene                  | <0.103  | U         | 0.567 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Benzo[a]pyrene              | <0.106  | U         | 0.284 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Benzo[b]fluoranthene        | <0.123  | U         | 0.567 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Benzo[g,h,i]perylene        | <0.0897 | U         | 0.567 | 0.0897 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Benzo[k]fluoranthene        | <0.122  | U         | 0.567 | 0.122  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Benzyl alcohol              | <0.223  | U *- *1   | 2.84  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Bis(2-chloroethyl)ether     | 0.129   | J I       | 0.567 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.567  | U         | 1.13  | 0.567  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.13  | 0.334  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Chrysene                    | <0.0958 | U         | 0.567 | 0.0958 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Dibenz(a,h)anthracene       | <0.0845 | U         | 0.113 | 0.0845 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Dibenzofuran                | 4.64    |           | 0.567 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.13  | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.13  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.13  | 0.656  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.13  | 0.284  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Fluoranthene                | <0.119  | U         | 0.567 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Fluorene                    | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.567 | 0.161  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.13  | 0.178  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Isophorone                  | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Naphthalene                 | 22.3    |           | 0.567 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.567 | 0.151  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.567 | 0.146  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.567 | 0.310  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Phenanthrene                | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Phenol                      | 12.1    |           | 1.13  | 0.503  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Pyrene                      | <0.128  | U         | 0.567 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Pyridine                    | <0.831  | U *- *1   | 2.84  | 0.831  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitro-o-toluidine         | <0.647  | U         | 1.13  | 0.647  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.567 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Acetophenone                | <0.137  | U         | 1.13  | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosopiperidine         | <0.626  | U         | 1.13  | 0.626  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 4-Aminobiphenyl             | <0.193  | U         | 0.567 | 0.193  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.114  | U         | 0.567 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 1,3,5-Trinitrobenzene       | <0.648  | U         | 1.13  | 0.648  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 1,3-Dinitrobenzene          | <0.583  | U         | 1.13  | 0.583  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-22

Lab Sample ID: 860-116304-2

Date Collected: 11/10/25 11:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Naphthoquinone                  | <0.0608 | U         | 0.567 | 0.0608 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 1-Naphthylamine                     | <0.267  | U *-      | 0.567 | 0.267  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2,6-Dichlorophenol                  | <0.0966 | U         | 0.567 | 0.0966 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Acetylaminofluorene               | <1.69   | U         | 2.84  | 1.69   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Chlorophenol                      | 0.123   | J         | 0.567 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Naphthylamine                     | <0.409  | U         | 0.567 | 0.409  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Picoline                          | <1.02   | U *- *1   | 1.13  | 1.02   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Toluidine                         | <0.421  | U         | 0.567 | 0.421  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.645  | U         | 1.13  | 0.645  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.293  | U *- *1   | 0.567 | 0.293  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 3-Methylcholanthrene                | <0.0875 | U         | 0.567 | 0.0875 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.632  | U         | 1.13  | 0.632  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.567 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *-      | 5.67  | 1.44   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.567 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Aramite Peak 2                      | <0.201  | U         | 0.567 | 0.201  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Aramite, Total                      | <0.183  | U *-      | 0.567 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Diallate                            | <0.0297 | U *-      | 0.567 | 0.0297 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Diallate Peak 1                     | <0.0742 | U         | 0.567 | 0.0742 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Diallate Peak 2                     | <0.0297 | U         | 0.567 | 0.0297 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Dimethoate                          | <0.495  | U **      | 2.84  | 0.495  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Dinoseb                             | <0.671  | U **      | 2.84  | 0.671  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.567 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Ethyl Parathion                     | <0.621  | U **      | 1.13  | 0.621  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Famphur                             | <0.257  | U         | 1.13  | 0.257  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Hexachloropropene                   | <0.567  | U         | 0.567 | 0.567  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Isosafrole                          | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Isosafrole Peak 1                   | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Isosafrole Peak 2                   | <0.0978 | U         | 0.567 | 0.0978 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Methapyrilene                       | <1.51   | U **      | 2.27  | 1.51   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.567 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Methyl parathion                    | <2.74   | U **      | 2.84  | 2.74   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosodiethylamine               | <0.668  | U         | 1.13  | 0.668  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosodi-n-butylamine            | <0.718  | U         | 1.13  | 0.718  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosomethylethylamine           | <0.696  | U         | 1.13  | 0.696  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosomorpholine                 | <0.708  | U         | 1.13  | 0.708  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| p-Dimethylamino azobenzene          | <0.153  | U         | 0.567 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Pentachloronitrobenzene             | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Phenacetin                          | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Phorate                             | <2.59   | U **      | 5.67  | 2.59   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| p-Phenylene diamine                 | <5.67   | U *-      | 5.67  | 5.67   | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Pronamide                           | <0.133  | U         | 0.567 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Safrole, Total                      | <0.0914 | U *-      | 0.567 | 0.0914 | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Sulfotepp                           | <0.468  | U **      | 1.13  | 0.468  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Thionazin                           | <0.337  | U **      | 1.13  | 0.337  | ug/L |   | 11/13/25 14:11 | 11/15/25 07:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-22

Lab Sample ID: 860-116304-2

Date Collected: 11/10/25 11:09

Matrix: Water

Date Received: 11/12/25 09:00

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 126       |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| 2-Fluorophenol (Surr)       | 43        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 114       |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| Phenol-d5 (Surr)            | 23        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 07:33 | 1       |
| p-Terphenyl-d14             | 123       |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 07:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Diphenyl ether | 11000  |           | 1130 | 201 | ug/L |   | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |
| 1,1'-Biphenyl  | 2550   |           | 1130 | 225 | ug/L |   | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |
| 2-Fluorobiphenyl            | 834       | I S1+     | 39 - 130 | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |
| 2-Fluorophenol (Surr)       | 625       | S1+       | 19 - 120 | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |
| Nitrobenzene-d5 (Surr)      | 428       | S1+       | 32 - 133 | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |
| Phenol-d5 (Surr)            | 935       | I S1+     | 8 - 124  | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |
| p-Terphenyl-d14             | 696       | S1+       | 28 - 130 | 11/13/25 14:11 | 11/20/25 03:25 | 2000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.158 | U         | 0.567 | 0.158 | ug/L |   | 11/13/25 14:11 | 11/18/25 17:15 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 105       |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 17:15 | 1       |
| 2-Fluorobiphenyl            | 87        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 17:15 | 1       |
| 2-Fluorophenol (Surr)       | 49        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 17:15 | 1       |
| Nitrobenzene-d5 (Surr)      | 113       |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 17:15 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 17:15 | 1       |
| p-Terphenyl-d14             | 111       |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 17:15 | 1       |

Client Sample ID: MW-20

Lab Sample ID: 860-116304-3

Date Collected: 11/10/25 12:54

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 01:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-20

Lab Sample ID: 860-116304-3

Date Collected: 11/10/25 12:54

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 01:04 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 01:04 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 01:04 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 01:04 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 01:04 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 01:04 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 01:04 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Ethyl methacrylate               | <1.12  | U *       | 5.00 | 1.12  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/15/25 01:04 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/15/25 01:04 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/15/25 01:04 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/15/25 01:04 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/15/25 01:04 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/15/25 01:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-20

Lab Sample ID: 860-116304-3

Date Collected: 11/10/25 12:54

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Trichloroethene        | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 01:04 | 1       |
| Trichlorofluoromethane | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 01:04 | 1       |
| Vinyl acetate          | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 01:04 | 1       |
| Vinyl chloride         | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 01:04 | 1       |
| Xylenes, Total         | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 01:04 | 1       |
| m,p-Xylenes            | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 01:04 | 1       |
| o-Xylene               | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 01:04 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 63 - 144 |          | 11/15/25 01:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 74 - 124 |          | 11/15/25 01:04 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 131 |          | 11/15/25 01:04 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/15/25 01:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.85  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.571 | 0.430  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,4-Dioxane                  | 6.65    |           | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 3 & 4 Methylphenol           | <0.0943 | U         | 0.571 | 0.0943 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4-Chloroaniline              | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0953 | U         | 0.571 | 0.0953 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Acenaphthene                 | 1.01    |           | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Aniline                      | <0.449  | U *       | 1.14  | 0.449  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.285 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Benzo[g,h,i]perylene         | <0.0902 | U         | 0.571 | 0.0902 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-20

Lab Sample ID: 860-116304-3

Date Collected: 11/10/25 12:54

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                            | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[k]fluoranthene               | <0.123       | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Benzyl alcohol                     | <0.224       | U *- *1   | 2.85  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Bis(2-chloroethoxy)methane         | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Bis(2-chloroethyl)ether            | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| <b>Bis(2-ethylhexyl) phthalate</b> | <b>0.699</b> | <b>J</b>  | 1.14  | 0.570  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Butyl benzyl phthalate             | <0.336       | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Chrysene                           | <0.0964      | U         | 0.571 | 0.0964 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Dibenz(a,h)anthracene              | <0.0849      | U         | 0.114 | 0.0849 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| <b>Dibenzofuran</b>                | <b>0.623</b> |           | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Diethyl phthalate                  | <0.187       | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Dimethyl phthalate                 | <0.133       | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Di-n-butyl phthalate               | <0.659       | U         | 1.14  | 0.659  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Di-n-octyl phthalate               | <0.285       | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Fluoranthene                       | <0.120       | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| <b>Fluorene</b>                    | <b>0.172</b> | <b>J</b>  | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Hexachlorobenzene                  | <0.132       | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Hexachlorobutadiene                | <0.162       | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Hexachlorocyclopentadiene          | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Hexachloroethane                   | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Indeno[1,2,3-cd]pyrene             | <0.103       | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Isophorone                         | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| <b>Naphthalene</b>                 | <b>0.474</b> | <b>J</b>  | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Nitrobenzene                       | <0.152       | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosodi-n-propylamine          | <0.147       | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosodiphenylamine             | <0.112       | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Pentachlorophenol                  | <0.312       | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Phenanthrene                       | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| <b>Phenol</b>                      | <b>7.11</b>  |           | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Pyrene                             | <0.129       | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Pyridine                           | <0.835       | U *- *1   | 2.85  | 0.835  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitro-o-toluidine                | <0.650       | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,3,4,6-Tetrachlorophenol          | <0.253       | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Acetophenone                       | <0.138       | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosopiperidine                | <0.630       | U         | 1.14  | 0.630  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Pentachlorobenzene                 | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4-Aminobiphenyl                    | <0.195       | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene         | <0.115       | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,3,5-Trinitrobenzene              | <0.652       | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,3-Dinitrobenzene                 | <0.586       | U         | 1.14  | 0.586  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1,4-Naphthoquinone                 | <0.0611      | U         | 0.571 | 0.0611 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 1-Naphthylamine                    | <0.269       | U *-      | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2,6-Dichlorophenol                 | <0.0971      | U         | 0.571 | 0.0971 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Acetylaminofluorene              | <1.70        | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Chlorophenol                     | <0.102       | U         | 0.571 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Naphthylamine                    | <0.411       | U         | 0.571 | 0.411  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Picoline                         | <1.03        | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Toluidine                        | <0.424       | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 3,3'-Dichlorobenzidine             | <0.649       | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 3,3'-Dimethylbenzidine             | <0.295       | U *- *1   | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-20

Lab Sample ID: 860-116304-3

Date Collected: 11/10/25 12:54

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 3-Methylcholanthrene                | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *       | 5.71  | 1.45   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Aramite, Total                      | <0.184  | U *       | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Diallate                            | <0.0298 | U *       | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Diallate Peak 1                     | <0.0747 | U         | 0.571 | 0.0747 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Diallate Peak 2                     | <0.0298 | U         | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Dimethoate                          | <0.498  | U **      | 2.85  | 0.498  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Dinoseb                             | <0.675  | U **      | 2.85  | 0.675  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Disulfoton                          | <2.15   | U **      | 2.85  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Ethyl Parathion                     | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Hexachloropropene                   | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Isosafrole                          | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Isosafrole Peak 2                   | <0.0983 | U         | 0.571 | 0.0983 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.28  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Methyl parathion                    | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosodiethylamine               | <0.672  | U         | 1.14  | 0.672  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosomethylethylamine           | <0.700  | U         | 1.14  | 0.700  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosomorpholine                 | <0.712  | U         | 1.14  | 0.712  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Pentachloronitrobenzene             | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Phenacetin                          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Phorate                             | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| p-Phenylene diamine                 | <5.71   | U *       | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Pronamide                           | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Safrole, Total                      | <0.0919 | U *       | 0.571 | 0.0919 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Sulfotepp                           | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Thionazin                           | <0.339  | U **      | 1.14  | 0.339  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 125       |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Fluorobiphenyl            | 82        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 101       |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 08:03 | 1       |
| p-Terphenyl-d14             | 98        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 08:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte       | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl | 34.9   |           | 28.5 | 5.65 | ug/L |   | 11/13/25 14:11 | 11/19/25 23:00 | 50      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-20

Lab Sample ID: 860-116304-3

Date Collected: 11/10/25 12:54

Matrix: Water

Date Received: 11/12/25 09:00

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 228       | S1+       | 26 - 136 | 11/13/25 14:11 | 11/19/25 23:00 | 50      |
| 2-Fluorobiphenyl            | 154       | S1+       | 39 - 130 | 11/13/25 14:11 | 11/19/25 23:00 | 50      |
| 2-Fluorophenol (Surr)       | 87        |           | 19 - 120 | 11/13/25 14:11 | 11/19/25 23:00 | 50      |
| Nitrobenzene-d5 (Surr)      | 99        |           | 32 - 133 | 11/13/25 14:11 | 11/19/25 23:00 | 50      |
| Phenol-d5 (Surr)            | 69        |           | 8 - 124  | 11/13/25 14:11 | 11/19/25 23:00 | 50      |
| p-Terphenyl-d14             | 131       | S1+       | 28 - 130 | 11/13/25 14:11 | 11/19/25 23:00 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte                     | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| Diphenyl ether              | 3390      |           | 285      | 50.5 | ug/L |   | 11/13/25 14:11 | 12/01/25 15:05 | 500     |
|                             |           |           |          |      |      |   |                |                |         |
| Surrogate                   | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 131       |           | 26 - 136 |      |      |   | 11/13/25 14:11 | 12/01/25 15:05 | 500     |
| 2-Fluorobiphenyl            | 143       | S1+       | 39 - 130 |      |      |   | 11/13/25 14:11 | 12/01/25 15:05 | 500     |
| 2-Fluorophenol (Surr)       | 127       | S1+       | 19 - 120 |      |      |   | 11/13/25 14:11 | 12/01/25 15:05 | 500     |
| Nitrobenzene-d5 (Surr)      | 174       | S1+       | 32 - 133 |      |      |   | 11/13/25 14:11 | 12/01/25 15:05 | 500     |
| Phenol-d5 (Surr)            | 101       |           | 8 - 124  |      |      |   | 11/13/25 14:11 | 12/01/25 15:05 | 500     |
| p-Terphenyl-d14             | 766       | S1+       | 28 - 130 |      |      |   | 11/13/25 14:11 | 12/01/25 15:05 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine      | <0.159    | U         | 0.571    | 0.159 | ug/L |   | 11/13/25 14:11 | 11/18/25 17:44 | 1       |
|                             |           |           |          |       |      |   |                |                |         |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 116       |           | 26 - 136 |       |      |   | 11/13/25 14:11 | 11/18/25 17:44 | 1       |
| 2-Fluorobiphenyl            | 86        |           | 39 - 130 |       |      |   | 11/13/25 14:11 | 11/18/25 17:44 | 1       |
| 2-Fluorophenol (Surr)       | 51        |           | 19 - 120 |       |      |   | 11/13/25 14:11 | 11/18/25 17:44 | 1       |
| Nitrobenzene-d5 (Surr)      | 110       |           | 32 - 133 |       |      |   | 11/13/25 14:11 | 11/18/25 17:44 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  |       |      |   | 11/13/25 14:11 | 11/18/25 17:44 | 1       |
| p-Terphenyl-d14             | 97        |           | 28 - 130 |       |      |   | 11/13/25 14:11 | 11/18/25 17:44 | 1       |

Client Sample ID: MW-24

Lab Sample ID: 860-116304-4

Date Collected: 11/10/25 14:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 01:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-24

Lab Sample ID: 860-116304-4

Date Collected: 11/10/25 14:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 01:24 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 01:24 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 01:24 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 01:24 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 01:24 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 01:24 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 01:24 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Ethyl methacrylate               | <1.12  | U **      | 5.00 | 1.12  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/15/25 01:24 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/15/25 01:24 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/15/25 01:24 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/15/25 01:24 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/15/25 01:24 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/15/25 01:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-24

Lab Sample ID: 860-116304-4

Date Collected: 11/10/25 14:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Trichlorofluoromethane | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 01:24 | 1       |
| Vinyl acetate          | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 01:24 | 1       |
| Vinyl chloride         | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 01:24 | 1       |
| Xylenes, Total         | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 01:24 | 1       |
| m,p-Xylenes            | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 01:24 | 1       |
| o-Xylene               | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 01:24 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 63 - 144 |          | 11/15/25 01:24 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 74 - 124 |          | 11/15/25 01:24 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 131 |          | 11/15/25 01:24 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/15/25 01:24 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.568 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.568 | 0.100  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.568 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.568 | 0.429  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.568 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.568 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.568 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,4-Dioxane                  | 0.675   |           | 0.568 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.68  | 1.37   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,4-Dinitrotoluene           | <0.510  | U         | 1.14  | 0.510  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.568 | 0.271  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.568 | 0.157  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.568 | 0.136  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 3 & 4 Methylphenol           | <0.0939 | U         | 0.568 | 0.0939 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.14  | 0.221  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4-Chloroaniline              | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0948 | U         | 0.568 | 0.0948 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4-Nitroaniline               | <0.269  | U         | 1.14  | 0.269  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.568 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Aniline                      | <0.447  | U *       | 1.14  | 0.447  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Anthracene                   | <0.103  | U         | 0.568 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.284 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Benzo[g,h,i]perylene         | <0.0898 | U         | 0.568 | 0.0898 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.568 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-24

Lab Sample ID: 860-116304-4

Date Collected: 11/10/25 14:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzyl alcohol              | <0.223  | U *- *1   | 2.84  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.568  | U         | 1.14  | 0.568  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.14  | 0.334  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Chrysene                    | <0.0960 | U         | 0.568 | 0.0960 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0846 | U         | 0.114 | 0.0846 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.14  | 0.656  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Fluoranthene                | <0.119  | U         | 0.568 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Fluorene                    | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.568 | 0.161  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Isophorone                  | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Naphthalene                 | <0.114  | U         | 0.568 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.568 | 0.151  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.568 | 0.146  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.568 | 0.310  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Phenanthrene                | <0.106  | U         | 0.568 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Phenol                      | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Pyrene                      | <0.128  | U         | 0.568 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Pyridine                    | <0.832  | U *- *1   | 2.84  | 0.832  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitro-o-toluidine         | <0.648  | U         | 1.14  | 0.648  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.568 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosopiperidine         | <0.627  | U         | 1.14  | 0.627  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,1'-Biphenyl               | 3.12    |           | 0.568 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4-Aminobiphenyl             | <0.194  | U         | 0.568 | 0.194  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.568 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,3,5-Trinitrobenzene       | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,3-Dinitrobenzene          | <0.584  | U         | 1.14  | 0.584  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1,4-Naphthoquinone          | <0.0609 | U         | 0.568 | 0.0609 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 1-Naphthylamine             | <0.268  | U *-      | 0.568 | 0.268  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2,6-Dichlorophenol          | <0.0967 | U         | 0.568 | 0.0967 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Acetylaminofluorene       | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Chlorophenol              | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Naphthylamine             | <0.409  | U         | 0.568 | 0.409  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Picoline                  | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Toluidine                 | <0.422  | U         | 0.568 | 0.422  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 3,3'-Dichlorobenzidine      | <0.646  | U         | 1.14  | 0.646  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 3,3'-Dimethylbenzidine      | <0.293  | U *- *1   | 0.568 | 0.293  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-24

Lab Sample ID: 860-116304-4

Date Collected: 11/10/25 14:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 3-Methylcholanthrene                | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.633  | U         | 1.14  | 0.633  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.568 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *       | 5.68  | 1.44   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.568 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.568 | 0.202  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Aramite, Total                      | <0.183  | U *       | 0.568 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Diallate                            | <0.0297 | U *       | 0.568 | 0.0297 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Diallate Peak 1                     | <0.0743 | U         | 0.568 | 0.0743 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Diallate Peak 2                     | <0.0297 | U         | 0.568 | 0.0297 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Dimethoate                          | <0.496  | U **      | 2.84  | 0.496  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Dinoseb                             | <0.672  | U **      | 2.84  | 0.672  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.568 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Ethyl Parathion                     | <0.622  | U **      | 1.14  | 0.622  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Famphur                             | <0.257  | U         | 1.14  | 0.257  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Hexachloropropene                   | <0.568  | U         | 0.568 | 0.568  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Isosafrole                          | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Isosafrole Peak 1                   | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Isosafrole Peak 2                   | <0.0979 | U         | 0.568 | 0.0979 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Methapyrilene                       | <1.51   | U **      | 2.27  | 1.51   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.568 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Methyl parathion                    | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosodiethylamine               | <0.669  | U         | 1.14  | 0.669  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.719  | U         | 1.14  | 0.719  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosomethylethylamine           | <0.697  | U         | 1.14  | 0.697  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosomorpholine                 | <0.709  | U         | 1.14  | 0.709  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.131  | U         | 0.568 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| p-Dimethylamino azobenzene          | <0.153  | U         | 0.568 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Pentachloronitrobenzene             | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Phenacetin                          | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Phorate                             | <2.59   | U **      | 5.68  | 2.59   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| p-Phenylene diamine                 | <5.68   | U *       | 5.68  | 5.68   | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Pronamide                           | <0.134  | U         | 0.568 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Safrole, Total                      | <0.0915 | U *       | 0.568 | 0.0915 | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Sulfotepp                           | <0.468  | U **      | 1.14  | 0.468  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Thionazin                           | <0.338  | U **      | 1.14  | 0.338  | ug/L |   | 11/13/25 14:11 | 11/14/25 23:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 109       |           | 26 - 136 | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Fluorobiphenyl            | 90        |           | 39 - 130 | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| 2-Fluorophenol (Surr)       | 43        |           | 19 - 120 | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 96        |           | 32 - 133 | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  | 11/13/25 14:11 | 11/14/25 23:03 | 1       |
| p-Terphenyl-d14             | 94        |           | 28 - 130 | 11/13/25 14:11 | 11/14/25 23:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 41.2   |           | 5.68 | 1.00 | ug/L |   | 11/13/25 14:11 | 11/19/25 06:27 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

**Client Sample ID: MW-24**

**Lab Sample ID: 860-116304-4**

**Date Collected: 11/10/25 14:00**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 117       |           | 26 - 136 | 11/13/25 14:11 | 11/19/25 06:27 | 10      |
| 2-Fluorobiphenyl            | 100       |           | 39 - 130 | 11/13/25 14:11 | 11/19/25 06:27 | 10      |
| 2-Fluorophenol (Surr)       | 53        |           | 19 - 120 | 11/13/25 14:11 | 11/19/25 06:27 | 10      |
| Nitrobenzene-d5 (Surr)      | 106       |           | 32 - 133 | 11/13/25 14:11 | 11/19/25 06:27 | 10      |
| Phenol-d5 (Surr)            | 23        |           | 8 - 124  | 11/13/25 14:11 | 11/19/25 06:27 | 10      |
| p-Terphenyl-d14             | 98        |           | 28 - 130 | 11/13/25 14:11 | 11/19/25 06:27 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.158 | U         | 0.568 | 0.158 | ug/L |   | 11/13/25 14:11 | 11/19/25 05:58 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 103       |           | 26 - 136 | 11/13/25 14:11 | 11/19/25 05:58 | 1       |
| 2-Fluorobiphenyl            | 91        |           | 39 - 130 | 11/13/25 14:11 | 11/19/25 05:58 | 1       |
| 2-Fluorophenol (Surr)       | 49        |           | 19 - 120 | 11/13/25 14:11 | 11/19/25 05:58 | 1       |
| Nitrobenzene-d5 (Surr)      | 107       |           | 32 - 133 | 11/13/25 14:11 | 11/19/25 05:58 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/13/25 14:11 | 11/19/25 05:58 | 1       |
| p-Terphenyl-d14             | 91        |           | 28 - 130 | 11/13/25 14:11 | 11/19/25 05:58 | 1       |

**Client Sample ID: MW-18**

**Lab Sample ID: 860-116304-5**

**Date Collected: 11/10/25 14:49**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 00:02 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 00:02 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 00:02 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 00:02 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 00:02 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 00:02 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 00:02 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 00:02 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 00:02 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 00:02 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-18

Lab Sample ID: 860-116304-5

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result      | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-------------|-----------|----------|----------|------|---|----------|----------------|---------|
| <b>Benzene</b>               | <b>1.48</b> |           | 1.00     | 0.460    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Bromodichloromethane         | <0.552      | U         | 1.00     | 0.552    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Bromoform                    | <0.633      | U         | 5.00     | 0.633    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Bromomethane                 | <1.42       | U         | 5.00     | 1.42     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Carbon disulfide             | <1.65       | U         | 5.00     | 1.65     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Carbon tetrachloride         | <0.896      | U         | 2.00     | 0.896    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Chlorobenzene                | <0.455      | U F1      | 1.00     | 0.455    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Chlorodibromomethane         | <0.547      | U         | 5.00     | 0.547    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Chloroethane                 | <1.98       | U         | 10.0     | 1.98     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Chloroform                   | <0.464      | U         | 1.00     | 0.464    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Chloromethane                | <2.04       | U         | 10.0     | 2.04     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Chloroprene                  | <0.598      | U         | 5.00     | 0.598    | ug/L |   |          | 11/15/25 00:02 | 1       |
| cis-1,2-Dichloroethene       | <0.457      | U         | 1.00     | 0.457    | ug/L |   |          | 11/15/25 00:02 | 1       |
| cis-1,3-Dichloropropene      | <1.07       | U         | 5.00     | 1.07     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Cyclohexane                  | <1.29       | U         | 5.00     | 1.29     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Dibromomethane               | <0.357      | U         | 1.00     | 0.357    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Dichlorodifluoromethane      | <0.785      | U         | 1.00     | 0.785    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Ethyl methacrylate           | <1.12       | U *+ F1   | 5.00     | 1.12     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Ethylbenzene                 | <0.385      | U         | 1.00     | 0.385    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Hexane                       | <0.517      | U         | 5.00     | 0.517    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Iodomethane                  | <5.00       | U F2 F1   | 20.0     | 5.00     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Isobutanol                   | <17.1       | U         | 50.0     | 17.1     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Methacrylonitrile            | <2.72       | U         | 10.0     | 2.72     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Methyl methacrylate          | <2.25       | U         | 10.0     | 2.25     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Methyl tert-butyl ether      | <1.39       | U         | 5.00     | 1.39     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Methylene Chloride           | <1.73       | U         | 5.00     | 1.73     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Propionitrile                | <3.34       | U         | 10.0     | 3.34     | ug/L |   |          | 11/15/25 00:02 | 1       |
| <b>Propylbenzene</b>         | <b>1.29</b> |           | 1.00     | 0.429    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Styrene                      | <0.619      | U         | 1.00     | 0.619    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Tetrachloroethene            | <0.655      | U         | 1.00     | 0.655    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Tetrahydrofuran              | <1.83       | U         | 10.0     | 1.83     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Toluene                      | <0.475      | U         | 1.00     | 0.475    | ug/L |   |          | 11/15/25 00:02 | 1       |
| trans-1,2-Dichloroethene     | <0.368      | U         | 1.00     | 0.368    | ug/L |   |          | 11/15/25 00:02 | 1       |
| trans-1,3-Dichloropropene    | <1.27       | U         | 5.00     | 1.27     | ug/L |   |          | 11/15/25 00:02 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35       | U         | 10.0     | 1.35     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Trichloroethene              | <1.50       | U         | 5.00     | 1.50     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Trichlorofluoromethane       | <0.560      | U         | 1.00     | 0.560    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Vinyl acetate                | <2.14       | U         | 20.0     | 2.14     | ug/L |   |          | 11/15/25 00:02 | 1       |
| Vinyl chloride               | <0.428      | U         | 2.00     | 0.428    | ug/L |   |          | 11/15/25 00:02 | 1       |
| Xylenes, Total               | <1.24       | U         | 2.00     | 1.24     | ug/L |   |          | 11/15/25 00:02 | 1       |
| m,p-Xylenes                  | <0.00124    | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/15/25 00:02 | 1       |
| o-Xylene                     | <0.000502   | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/15/25 00:02 | 1       |
| Surrogate                    | %Recovery   | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 114         |           | 63 - 144 |          |      |   |          | 11/15/25 00:02 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105         |           | 74 - 124 |          |      |   |          | 11/15/25 00:02 | 1       |
| Dibromofluoromethane (Surr)  | 107         |           | 75 - 131 |          |      |   |          | 11/15/25 00:02 | 1       |
| Toluene-d8 (Surr)            | 101         |           | 80 - 120 |          |      |   |          | 11/15/25 00:02 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-18

Lab Sample ID: 860-116304-5

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

| Analyte                      | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|------|---|----------|----------------|---------|
| Cumene (isopropylbenzene)    | <0.592    | U         | 1.00     | 0.592 | ug/L |   |          | 11/17/25 13:30 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 82        |           | 63 - 144 |       |      |   |          | 11/17/25 13:30 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 74 - 124 |       |      |   |          | 11/17/25 13:30 | 1       |
| Dibromofluoromethane (Surr)  | 123       |           | 75 - 131 |       |      |   |          | 11/17/25 13:30 | 1       |
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |       |      |   |          | 11/17/25 13:30 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.119  | U         | 0.562 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,2-Dichlorobenzene          | 0.249   | J         | 0.562 | 0.0992 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,3-Dichlorobenzene          | <0.106  | U         | 0.562 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,4-Dichlorobenzene          | 0.394   | J         | 0.562 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.82   | U         | 2.81  | 1.82   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.424  | U F1      | 0.562 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.115  | U F1      | 0.562 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,4-Dichlorophenol           | <0.124  | U         | 0.562 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,4-Dimethylphenol           | <0.110  | U F1      | 0.562 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,4-Dioxane                  | 4.11    |           | 0.562 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,4-Dinitrophenol            | <1.36   | U         | 5.62  | 1.36   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,4-Dinitrotoluene           | <0.504  | U F1      | 1.12  | 0.504  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,6-Dinitrotoluene           | <0.268  | U F1      | 0.562 | 0.268  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Chloronaphthalene          | <0.116  | U         | 0.562 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Methylnaphthalene          | <0.107  | U         | 0.562 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Methylphenol               | <0.107  | U         | 0.562 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Nitroaniline               | <0.155  | U F1      | 0.562 | 0.155  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Nitrophenol                | <0.135  | U F1      | 0.562 | 0.135  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 3 & 4 Methylphenol           | <0.0928 | U         | 0.562 | 0.0928 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 3-Nitroaniline               | <0.219  | U         | 1.12  | 0.219  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.21   | U         | 2.81  | 1.21   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4-Bromophenyl phenyl ether   | <0.104  | U F1      | 0.562 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4-Chloro-3-methylphenol      | <0.117  | U F1      | 0.562 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4-Chloroaniline              | <0.0866 | U         | 0.562 | 0.0866 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0938 | U         | 0.562 | 0.0938 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4-Nitroaniline               | <0.266  | U         | 1.12  | 0.266  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Acenaphthene                 | 0.965   |           | 0.562 | 0.0996 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Acenaphthylene               | <0.123  | U         | 0.562 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Aniline                      | <0.442  | U *-      | 1.12  | 0.442  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Anthracene                   | <0.102  | U F1      | 0.562 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Benzo[a]anthracene           | <0.125  | U F1      | 0.281 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Benzo[a]pyrene               | <0.105  | U F1      | 0.281 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Benzo[b]fluoranthene         | <0.122  | U F1      | 0.562 | 0.122  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Benzo[g,h,i]perylene         | <0.0888 | U         | 0.562 | 0.0888 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Benzo[k]fluoranthene         | <0.121  | U F1      | 0.562 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Benzyl alcohol               | <0.220  | U *- *1   | 2.81  | 0.220  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Bis(2-chloroethoxy)methane   | <0.106  | U F1      | 0.562 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Bis(2-chloroethyl)ether      | 0.687   | F1        | 0.562 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Bis(2-ethylhexyl) phthalate  | 0.735   | J F1      | 1.12  | 0.561  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Butyl benzyl phthalate       | <0.330  | U F1      | 1.12  | 0.330  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-18

Lab Sample ID: 860-116304-5

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier  | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|------------|-------|--------|------|---|----------------|----------------|---------|
| Chrysene                            | <0.0949 | U          | 0.562 | 0.0949 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Dibenz(a,h)anthracene               | <0.0836 | U          | 0.112 | 0.0836 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Dibenzofuran                        | <0.110  | U F1       | 0.562 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Diethyl phthalate                   | <0.184  | U F1       | 1.12  | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Dimethyl phthalate                  | <0.131  | U F1       | 1.12  | 0.131  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Di-n-butyl phthalate                | <0.649  | U F1       | 1.12  | 0.649  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Di-n-octyl phthalate                | <0.281  | U F1       | 1.12  | 0.281  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Fluoranthene                        | <0.118  | U F1       | 0.562 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Fluorene                            | 0.146   | J          | 0.562 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Hexachlorobenzene                   | <0.130  | U F1       | 0.562 | 0.130  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Hexachlorobutadiene                 | <0.159  | U          | 0.562 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Hexachlorocyclopentadiene           | <0.176  | U          | 1.12  | 0.176  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Hexachloroethane                    | <0.123  | U          | 0.562 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.101  | U          | 0.562 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Isophorone                          | <0.104  | U F1       | 0.562 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Naphthalene                         | <0.112  | U          | 0.562 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Nitrobenzene                        | <0.150  | U F1       | 0.562 | 0.150  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosodi-n-propylamine           | <0.145  | U F1       | 0.562 | 0.145  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosodiphenylamine              | <0.110  | U F1       | 0.562 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Pentachlorophenol                   | <0.307  | U F1       | 0.562 | 0.307  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Phenanthrene                        | <0.105  | U F1       | 0.562 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Phenol                              | 3.38    |            | 1.12  | 0.498  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Pyrene                              | <0.127  | U F1       | 0.562 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Pyridine                            | <0.822  | U *- *1    | 2.81  | 0.822  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitro-o-toluidine                 | <0.640  | U          | 1.12  | 0.640  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.249  | U F1       | 0.562 | 0.249  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Acetophenone                        | <0.136  | U          | 1.12  | 0.136  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosopiperidine                 | <0.620  | U          | 1.12  | 0.620  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Pentachlorobenzene                  | <0.123  | U          | 0.562 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,1'-Biphenyl                       | <0.111  | U          | 0.562 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4-Aminobiphenyl                     | <0.192  | U          | 0.562 | 0.192  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.113  | U          | 0.562 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,3,5-Trinitrobenzene               | <0.642  | U          | 1.12  | 0.642  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,3-Dinitrobenzene                  | <0.577  | U F1       | 1.12  | 0.577  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1,4-Naphthoquinone                  | <0.0602 | U          | 0.562 | 0.0602 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 1-Naphthylamine                     | <0.265  | U F2 *-    | 0.562 | 0.265  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2,6-Dichlorophenol                  | <0.0956 | U          | 0.562 | 0.0956 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Acetylaminofluorene               | <1.68   | U F1       | 2.81  | 1.68   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Chlorophenol                      | <0.101  | U          | 0.562 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Naphthylamine                     | <0.405  | U          | 0.562 | 0.405  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Picoline                          | <1.01   | U *- F1 *1 | 1.12  | 1.01   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Toluidine                         | <0.417  | U          | 0.562 | 0.417  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 3,3'-Dichlorobenzidine              | <0.639  | U          | 1.12  | 0.639  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 3,3'-Dimethylbenzidine              | <0.290  | U *- F1 *1 | 0.562 | 0.290  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 3-Methylcholanthrene                | <0.0867 | U          | 0.562 | 0.0867 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.626  | U          | 1.12  | 0.626  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.126  | U          | 0.562 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.43   | U *- F1    | 5.62  | 1.43   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Aramite Peak 1                      | <0.181  | U F1       | 0.562 | 0.181  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-18

Lab Sample ID: 860-116304-5

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                                 | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Aramite Peak 2                          | <0.199       | U F1      | 0.562 | 0.199  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Aramite, Total                          | <0.181       | U *-      | 0.562 | 0.181  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Diallate                                | <0.0294      | U *-      | 0.562 | 0.0294 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Diallate Peak 1                         | <0.0735      | U         | 0.562 | 0.0735 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Diallate Peak 2                         | <0.0294      | U         | 0.562 | 0.0294 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Dimethoate                              | <0.490       | U **      | 2.81  | 0.490  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Dinoseb                                 | <0.665       | U **      | 2.81  | 0.665  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Disulfoton                              | <2.12        | U **      | 2.81  | 2.12   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Ethyl methanesulfonate                  | <0.182       | U         | 0.562 | 0.182  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Ethyl Parathion                         | <0.615       | U **      | 1.12  | 0.615  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Famphur                                 | <0.254       | U         | 1.12  | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Hexachloropropene                       | <0.562       | U         | 0.562 | 0.562  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Isosafrole                              | <0.0227      | U         | 0.562 | 0.0227 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Isosafrole Peak 1                       | <0.0227      | U         | 0.562 | 0.0227 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Isosafrole Peak 2                       | <0.0968      | U         | 0.562 | 0.0968 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Methapyriline                           | <1.49        | U **      | 2.25  | 1.49   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Methyl methanesulfonate                 | <0.183       | U F1      | 0.562 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Methyl parathion                        | <2.72        | U **      | 2.81  | 2.72   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosodiethylamine                   | <0.662       | U         | 1.12  | 0.662  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosodi-n-butylamine                | <0.711       | U F1      | 1.12  | 0.711  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosomethylethylamine               | <0.689       | U         | 1.12  | 0.689  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosomorpholine                     | <0.701       | U         | 1.12  | 0.701  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| N-Nitrosopyrrolidine                    | <0.107       | U         | 0.562 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| <b>o,o',o"-Triethylphosphorothioate</b> | <b>0.888</b> |           | 0.562 | 0.130  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| p-Dimethylamino azobenzene              | <0.152       | U F1      | 0.562 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Pentachloronitrobenzene                 | <0.248       | U F1      | 0.562 | 0.248  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Phenacetin                              | <0.248       | U         | 0.562 | 0.248  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Phorate                                 | <2.57        | U **      | 5.62  | 2.57   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| p-Phenylene diamine                     | <5.62        | U *- F1   | 5.62  | 5.62   | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Pronamide                               | <0.132       | U         | 0.562 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Safrole, Total                          | <0.0905      | U *-      | 0.562 | 0.0905 | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Sulfotepp                               | <0.463       | U **      | 1.12  | 0.463  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Thionazin                               | <0.334       | U **      | 1.12  | 0.334  | ug/L |   | 11/13/25 14:11 | 11/15/25 09:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 127       |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Fluorobiphenyl            | 96        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 115       |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 09:04 | 1       |
| p-Terphenyl-d14             | 107       |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 09:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 1070   |           | 28.1 | 4.97 | ug/L |   | 11/13/25 14:11 | 11/18/25 19:13 | 50      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 266       | S1+       | 26 - 136 | 11/13/25 14:11 | 11/18/25 19:13 | 50      |
| 2-Fluorobiphenyl            | 145       | S1+       | 39 - 130 | 11/13/25 14:11 | 11/18/25 19:13 | 50      |
| 2-Fluorophenol (Surr)       | 54        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 19:13 | 50      |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-18

Lab Sample ID: 860-116304-5

Date Collected: 11/10/25 14:49

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr) | 123       |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 19:13 | 50      |
| Phenol-d5 (Surr)       | 30        | I         | 8 - 124  | 11/13/25 14:11 | 11/18/25 19:13 | 50      |
| p-Terphenyl-d14        | 143       | S1+       | 28 - 130 | 11/13/25 14:11 | 11/18/25 19:13 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.156 | U F1      | 0.562 | 0.156 | ug/L |   | 11/13/25 14:11 | 11/18/25 18:43 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 122       |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 18:43 | 1       |
| 2-Fluorobiphenyl            | 96        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 18:43 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 18:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 120       |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 18:43 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 18:43 | 1       |
| p-Terphenyl-d14             | 106       |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 18:43 | 1       |

Client Sample ID: TB-07

Lab Sample ID: 860-116304-6

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/14/25 23:42 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/14/25 23:42 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/14/25 23:42 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/14/25 23:42 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/14/25 23:42 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/14/25 23:42 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/14/25 23:42 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/14/25 23:42 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/14/25 23:42 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/14/25 23:42 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/14/25 23:42 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/14/25 23:42 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/14/25 23:42 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: TB-07

Lab Sample ID: 860-116304-6

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride         | <0.896    | U         | 2.00     | 0.896    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Chlorodibromomethane         | <0.547    | U         | 5.00     | 0.547    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Chloroethane                 | <1.98     | U         | 10.0     | 1.98     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Chloroform                   | <0.464    | U         | 1.00     | 0.464    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Chloromethane                | <2.04     | U         | 10.0     | 2.04     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Chloroprene                  | <0.598    | U         | 5.00     | 0.598    | ug/L |   |          | 11/14/25 23:42 | 1       |
| cis-1,2-Dichloroethene       | <0.457    | U         | 1.00     | 0.457    | ug/L |   |          | 11/14/25 23:42 | 1       |
| cis-1,3-Dichloropropene      | <1.07     | U         | 5.00     | 1.07     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Cumene (isopropylbenzene)    | <0.592    | U         | 1.00     | 0.592    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Cyclohexane                  | <1.29     | U         | 5.00     | 1.29     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Dibromomethane               | <0.357    | U         | 1.00     | 0.357    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Dichlorodifluoromethane      | <0.785    | U         | 1.00     | 0.785    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Ethyl methacrylate           | <1.12     | U *+      | 5.00     | 1.12     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Hexane                       | <0.517    | U         | 5.00     | 0.517    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Iodomethane                  | <5.00     | U         | 20.0     | 5.00     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Isobutanol                   | <17.1     | U         | 50.0     | 17.1     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Methacrylonitrile            | <2.72     | U         | 10.0     | 2.72     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Methyl methacrylate          | <2.25     | U         | 10.0     | 2.25     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Methyl tert-butyl ether      | <1.39     | U         | 5.00     | 1.39     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Methylene Chloride           | <1.73     | U         | 5.00     | 1.73     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Propionitrile                | <3.34     | U         | 10.0     | 3.34     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Propylbenzene                | <0.429    | U         | 1.00     | 0.429    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Styrene                      | <0.619    | U         | 1.00     | 0.619    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Tetrachloroethene            | <0.655    | U         | 1.00     | 0.655    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Toluene                      | <0.475    | U         | 1.00     | 0.475    | ug/L |   |          | 11/14/25 23:42 | 1       |
| trans-1,2-Dichloroethene     | <0.368    | U         | 1.00     | 0.368    | ug/L |   |          | 11/14/25 23:42 | 1       |
| trans-1,3-Dichloropropene    | <1.27     | U         | 5.00     | 1.27     | ug/L |   |          | 11/14/25 23:42 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/14/25 23:42 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/14/25 23:42 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/14/25 23:42 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/14/25 23:42 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/14/25 23:42 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 63 - 144 |          |      |   |          | 11/14/25 23:42 | 1       |
| 4-Bromofluorobenzene (Surr)  | 84        |           | 74 - 124 |          |      |   |          | 11/14/25 23:42 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 131 |          |      |   |          | 11/14/25 23:42 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/14/25 23:42 | 1       |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 2-Propanol           | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/17/25 16:34 | 1       |
| 4-Methyl-2-pentanone | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/17/25 16:34 | 1       |
| Benzene              | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/17/25 16:34 | 1       |
| Chlorobenzene        | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/17/25 16:34 | 1       |
| Ethylbenzene         | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/17/25 16:34 | 1       |
| Tetrahydrofuran      | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/17/25 16:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

**Client Sample ID: TB-07**

**Lab Sample ID: 860-116304-6**

**Date Collected: 11/10/25 00:00**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 63 - 144 |          | 11/17/25 16:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 74 - 124 |          | 11/17/25 16:34 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 131 |          | 11/17/25 16:34 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 11/17/25 16:34 | 1       |

**Client Sample ID: MW-06**

**Lab Sample ID: 860-116304-7**

**Date Collected: 11/11/25 11:34**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 01:45 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 01:45 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 01:45 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 01:45 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 01:45 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/15/25 01:45 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 01:45 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 01:45 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 01:45 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/15/25 01:45 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 01:45 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 01:45 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 01:45 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 01:45 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/15/25 01:45 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-06

Lab Sample ID: 860-116304-7

Date Collected: 11/11/25 11:34

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 01:45 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 01:45 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 01:45 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 01:45 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 01:45 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 01:45 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 01:45 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 01:45 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 117       |           | 63 - 144 |          | 11/15/25 01:45 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 74 - 124 |          | 11/15/25 01:45 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 131 |          | 11/15/25 01:45 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/15/25 01:45 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.574 | 0.121 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.574 | 0.101 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.574 | 0.108 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U         | 0.574 | 0.110 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86  | U         | 2.87  | 1.86  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.433 | U         | 0.574 | 0.433 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.574 | 0.117 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.574 | 0.126 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.574 | 0.112 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,4-Dioxane                  | 0.152  | J         | 0.574 | 0.105 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,4-Dinitrophenol            | <1.39  | U         | 5.74  | 1.39  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-06

Lab Sample ID: 860-116304-7

Date Collected: 11/11/25 11:34

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,4-Dinitrotoluene          | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,6-Dinitrotoluene          | <0.274  | U         | 0.574 | 0.274  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Chloronaphthalene         | <0.119  | U         | 0.574 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.574 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.574 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Nitroaniline              | <0.159  | U         | 0.574 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Nitrophenol               | <0.138  | U         | 0.574 | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 3 & 4 Methylphenol          | <0.0948 | U         | 0.574 | 0.0948 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 3-Nitroaniline              | <0.224  | U         | 1.15  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U         | 0.574 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.574 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4-Chloroaniline             | <0.0885 | U         | 0.574 | 0.0885 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0958 | U         | 0.574 | 0.0958 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Acenaphthene                | <0.102  | U         | 0.574 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Acenaphthylene              | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Aniline                     | <0.452  | U *       | 1.15  | 0.452  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Anthracene                  | <0.104  | U         | 0.574 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.574 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Benzo[g,h,i]perylene        | <0.0907 | U         | 0.574 | 0.0907 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.574 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Benzyl alcohol              | <0.225  | U * - *1  | 2.87  | 0.225  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.574 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.574 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Butyl benzyl phthalate      | <0.338  | U         | 1.15  | 0.338  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Chrysene                    | <0.0969 | U         | 0.574 | 0.0969 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Dibenz(a,h)anthracene       | <0.0854 | U         | 0.115 | 0.0854 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Diethyl phthalate           | <0.188  | U         | 1.15  | 0.188  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Di-n-butyl phthalate        | <0.663  | U         | 1.15  | 0.663  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Di-n-octyl phthalate        | <0.287  | U         | 1.15  | 0.287  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Fluoranthene                | <0.120  | U         | 0.574 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Fluorene                    | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Hexachlorobenzene           | <0.133  | U         | 0.574 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.574 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.574 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.574 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Isophorone                  | <0.106  | U         | 0.574 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Naphthalene                 | <0.115  | U         | 0.574 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.574 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.574 | 0.148  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.574 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.574 | 0.313  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-06

Lab Sample ID: 860-116304-7

Date Collected: 11/11/25 11:34

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Phenanthrene                        | <0.107  | U         | 0.574 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Phenol                              | <0.509  | U         | 1.15  | 0.509  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Pyrene                              | <0.130  | U         | 0.574 | 0.130  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Pyridine                            | <0.840  | U *- *1   | 2.87  | 0.840  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitro-o-toluidine                 | <0.654  | U         | 1.15  | 0.654  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.255  | U         | 0.574 | 0.255  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Acetophenone                        | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitrosopiperidine                 | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Pentachlorobenzene                  | <0.126  | U         | 0.574 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Diphenyl ether                      | 0.101   | J         | 0.574 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,1'-Biphenyl                       | <0.114  | U         | 0.574 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4-Aminobiphenyl                     | <0.196  | U         | 0.574 | 0.196  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.574 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,3,5-Trinitrobenzene               | <0.656  | U         | 1.15  | 0.656  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,3-Dinitrobenzene                  | <0.590  | U         | 1.15  | 0.590  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1,4-Naphthoquinone                  | <0.0615 | U         | 0.574 | 0.0615 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 1-Naphthylamine                     | <0.271  | U *-      | 0.574 | 0.271  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2,6-Dichlorophenol                  | <0.0977 | U         | 0.574 | 0.0977 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.574 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Naphthylamine                     | <0.414  | U         | 0.574 | 0.414  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Picoline                          | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Toluidine                         | <0.426  | U         | 0.574 | 0.426  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U *- *1   | 0.574 | 0.296  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 3-Methylcholanthrene                | <0.0885 | U         | 0.574 | 0.0885 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.639  | U         | 1.15  | 0.639  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.574 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U *-      | 5.74  | 1.46   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Aramite Peak 1                      | <0.185  | U         | 0.574 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Aramite Peak 2                      | <0.204  | U         | 0.574 | 0.204  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Aramite, Total                      | <0.185  | U *-      | 0.574 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Diallate                            | <0.0300 | U *-      | 0.574 | 0.0300 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Diallate Peak 1                     | <0.0751 | U         | 0.574 | 0.0751 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Diallate Peak 2                     | <0.0300 | U         | 0.574 | 0.0300 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Dimethoate                          | <0.501  | U **      | 2.87  | 0.501  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Dinoseb                             | <0.679  | U **      | 2.87  | 0.679  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.574 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Ethyl Parathion                     | <0.628  | U **      | 1.15  | 0.628  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Famphur                             | <0.260  | U         | 1.15  | 0.260  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Hexachloropropene                   | <0.574  | U         | 0.574 | 0.574  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.574 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.574 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Isosafrole Peak 2                   | <0.0989 | U         | 0.574 | 0.0989 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Methapyrilene                       | <1.53   | U **      | 2.30  | 1.53   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Methyl methanesulfonate             | <0.187  | U         | 0.574 | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Methyl parathion                    | <2.78   | U **      | 2.87  | 2.78   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitrosodiethylamine               | <0.676  | U         | 1.15  | 0.676  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-06

Lab Sample ID: 860-116304-7

Date Collected: 11/11/25 11:34

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodi-n-butylamine         | <0.727  | U         | 1.15  | 0.727  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitrosomethylethylamine        | <0.704  | U         | 1.15  | 0.704  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitrosomorpholine              | <0.716  | U         | 1.15  | 0.716  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.574 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.133  | U         | 0.574 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| p-Dimethylamino azobenzene       | <0.155  | U         | 0.574 | 0.155  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Pentachloronitrobenzene          | <0.254  | U         | 0.574 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Phenacetin                       | <0.253  | U         | 0.574 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Phorate                          | <2.62   | U **      | 5.74  | 2.62   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| p-Phenylene diamine              | <5.74   | U *       | 5.74  | 5.74   | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Pronamide                        | <0.135  | U         | 0.574 | 0.135  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Safrole, Total                   | <0.0924 | U *       | 0.574 | 0.0924 | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Sulfotep                         | <0.473  | U **      | 1.15  | 0.473  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Thionazin                        | <0.341  | U **      | 1.15  | 0.341  | ug/L |   | 11/13/25 14:11 | 11/15/25 10:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Fluorobiphenyl            | 74        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| 2-Fluorophenol (Surr)       | 41        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 81        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| Phenol-d5 (Surr)            | 21        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 10:33 | 1       |
| p-Terphenyl-d14             | 74        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 10:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.160 | U         | 0.574 | 0.160 | ug/L |   | 11/13/25 14:11 | 11/18/25 21:39 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 81        |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 21:39 | 1       |
| 2-Fluorobiphenyl            | 75        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 21:39 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 21:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 83        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 21:39 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 21:39 | 1       |
| p-Terphenyl-d14             | 71        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 21:39 | 1       |

Client Sample ID: MW-09

Lab Sample ID: 860-116304-8

Date Collected: 11/11/25 14:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,1-Dichloroethene                    | 3.36   |           | 1.00 | 0.738 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 02:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-09

Lab Sample ID: 860-116304-8

Date Collected: 11/11/25 14:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result      | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dichloroethane               | <0.372      | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 02:05 | 1       |
| <b>1,2-Dichloropropane</b>       | <b>1.71</b> | <b>J</b>  | 5.00 | 0.556 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 1,3-Butadiene                    | <0.568      | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 2,2,4-Trimethylpentane           | <0.500      | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 2-Butanone (MEK)                 | <8.28       | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 02:05 | 1       |
| 2-Hexanone (MBK)                 | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:05 | 1       |
| 2-Propanol                       | <5.23       | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 02:05 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597      | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 02:05 | 1       |
| 4-Methyl-2-pentanone             | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Acetone                          | <3.07       | U         | 100  | 3.07  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Acetonitrile                     | <14.6       | U         | 100  | 14.6  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Acrolein                         | <11.1       | U         | 50.0 | 11.1  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Acrylonitrile                    | <14.3       | U         | 50.0 | 14.3  | ug/L |   |          | 11/15/25 02:05 | 1       |
| alpha-Chlorotoluene              | <2.26       | U         | 5.00 | 2.26  | ug/L |   |          | 11/15/25 02:05 | 1       |
| <b>Benzene</b>                   | <b>2.02</b> |           | 1.00 | 0.460 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Bromodichloromethane             | <0.552      | U         | 1.00 | 0.552 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Bromoform                        | <0.633      | U         | 5.00 | 0.633 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Bromomethane                     | <1.42       | U         | 5.00 | 1.42  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Carbon disulfide                 | <1.65       | U         | 5.00 | 1.65  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Carbon tetrachloride             | <0.896      | U         | 2.00 | 0.896 | ug/L |   |          | 11/15/25 02:05 | 1       |
| <b>Chlorobenzene</b>             | <b>1.41</b> |           | 1.00 | 0.455 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Chlorodibromomethane             | <0.547      | U         | 5.00 | 0.547 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Chloroethane                     | <1.98       | U         | 10.0 | 1.98  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Chloroform                       | <0.464      | U         | 1.00 | 0.464 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Chloromethane                    | <2.04       | U         | 10.0 | 2.04  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Chloroprene                      | <0.598      | U         | 5.00 | 0.598 | ug/L |   |          | 11/15/25 02:05 | 1       |
| <b>cis-1,2-Dichloroethene</b>    | <b>18.8</b> |           | 1.00 | 0.457 | ug/L |   |          | 11/15/25 02:05 | 1       |
| cis-1,3-Dichloropropene          | <1.07       | U         | 5.00 | 1.07  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Cumene (isopropylbenzene)        | <0.592      | U         | 1.00 | 0.592 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Cyclohexane                      | <1.29       | U         | 5.00 | 1.29  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Dibromomethane                   | <0.357      | U         | 1.00 | 0.357 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Dichlorodifluoromethane          | <0.785      | U         | 1.00 | 0.785 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Ethyl methacrylate               | <1.12       | U *+      | 5.00 | 1.12  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Ethylbenzene                     | <0.385      | U         | 1.00 | 0.385 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Hexane                           | <0.517      | U         | 5.00 | 0.517 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Iodomethane                      | <5.00       | U         | 20.0 | 5.00  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Isobutanol                       | <17.1       | U         | 50.0 | 17.1  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Methacrylonitrile                | <2.72       | U         | 10.0 | 2.72  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Methyl methacrylate              | <2.25       | U         | 10.0 | 2.25  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Methyl tert-butyl ether          | <1.39       | U         | 5.00 | 1.39  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Methylene Chloride               | <1.73       | U         | 5.00 | 1.73  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Propionitrile                    | <3.34       | U         | 10.0 | 3.34  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Propylbenzene                    | <0.429      | U         | 1.00 | 0.429 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Styrene                          | <0.619      | U         | 1.00 | 0.619 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Tetrachloroethene                | <0.655      | U         | 1.00 | 0.655 | ug/L |   |          | 11/15/25 02:05 | 1       |
| Tetrahydrofuran                  | <1.83       | U         | 10.0 | 1.83  | ug/L |   |          | 11/15/25 02:05 | 1       |
| Toluene                          | <0.475      | U         | 1.00 | 0.475 | ug/L |   |          | 11/15/25 02:05 | 1       |
| <b>trans-1,2-Dichloroethene</b>  | <b>54.3</b> |           | 1.00 | 0.368 | ug/L |   |          | 11/15/25 02:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-09

Lab Sample ID: 860-116304-8

Date Collected: 11/11/25 14:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result      | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|---------|----------|------|---|----------|----------------|---------|
| trans-1,3-Dichloropropene   | <1.27       | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 02:05 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35       | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 02:05 | 1       |
| <b>Trichloroethene</b>      | <b>2.15</b> | <b>J</b>  | 5.00    | 1.50     | ug/L |   |          | 11/15/25 02:05 | 1       |
| Trichlorofluoromethane      | <0.560      | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 02:05 | 1       |
| Vinyl acetate               | <2.14       | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 02:05 | 1       |
| <b>Vinyl chloride</b>       | <b>20.0</b> |           | 2.00    | 0.428    | ug/L |   |          | 11/15/25 02:05 | 1       |
| Xylenes, Total              | <1.24       | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 02:05 | 1       |
| m,p-Xylenes                 | <0.00124    | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 02:05 | 1       |
| o-Xylene                    | <0.000502   | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 02:05 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 63 - 144 |          | 11/15/25 02:05 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 74 - 124 |          | 11/15/25 02:05 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 131 |          | 11/15/25 02:05 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/15/25 02:05 | 1       |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

| Analyte            | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/17/25 15:08 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 63 - 144 |          | 11/17/25 15:08 | 1       |
| 4-Bromofluorobenzene (Surr)  | 108       |           | 74 - 124 |          | 11/17/25 15:08 | 1       |
| Dibromofluoromethane (Surr)  | 112       |           | 75 - 131 |          | 11/17/25 15:08 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 11/17/25 15:08 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result      | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121      | U         | 0.573 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,2-Dichlorobenzene          | <0.101      | U         | 0.573 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108      | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,4-Dichlorobenzene          | <0.110      | U         | 0.573 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85       | U         | 2.87  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.432      | U         | 0.573 | 0.432  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117      | U         | 0.573 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,4-Dichlorophenol           | <0.126      | U         | 0.573 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,4-Dimethylphenol           | <0.112      | U         | 0.573 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| <b>1,4-Dioxane</b>           | <b>8.33</b> |           | 0.573 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,4-Dinitrophenol            | <1.39       | U         | 5.73  | 1.39   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,4-Dinitrotoluene           | <0.515      | U         | 1.15  | 0.515  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,6-Dinitrotoluene           | <0.274      | U         | 0.573 | 0.274  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Chloronaphthalene          | <0.119      | U         | 0.573 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Methylnaphthalene          | <0.109      | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Methylphenol               | <0.109      | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Nitroaniline               | <0.159      | U         | 0.573 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Nitrophenol                | <0.138      | U         | 0.573 | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 3 & 4 Methylphenol           | <0.0947     | U         | 0.573 | 0.0947 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 3-Nitroaniline               | <0.223      | U         | 1.15  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23       | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106      | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-09

Lab Sample ID: 860-116304-8

Date Collected: 11/11/25 14:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 4-Chloroaniline             | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0957 | U         | 0.573 | 0.0957 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Acenaphthene                | <0.102  | U         | 0.573 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Aniline                     | <0.451  | U *-      | 1.15  | 0.451  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Anthracene                  | <0.104  | U         | 0.573 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Benzo[a]pyrene              | <0.108  | U         | 0.287 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U         | 0.573 | 0.0906 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.573 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Benzyl alcohol              | <0.225  | U *- *1   | 2.87  | 0.225  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.573 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.15  | 0.337  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Chrysene                    | <0.0968 | U         | 0.573 | 0.0968 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U         | 0.115 | 0.0853 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Dibenzofuran                | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.15  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Di-n-butyl phthalate        | <0.662  | U         | 1.15  | 0.662  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.15  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Fluoranthene                | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Fluorene                    | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.573 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.573 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Isophorone                  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Naphthalene                 | <0.115  | U         | 0.573 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.573 | 0.153  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.573 | 0.148  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.573 | 0.313  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Phenanthrene                | <0.107  | U         | 0.573 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Phenol                      | <0.508  | U         | 1.15  | 0.508  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Pyrene                      | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Pyridine                    | <0.839  | U *- *1   | 2.87  | 0.839  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitro-o-toluidine         | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Acetophenone                | <0.139  | U         | 1.15  | 0.139  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosopiperidine         | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Diphenyl ether              | 1.21    |           | 0.573 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,1'-Biphenyl               | <0.114  | U         | 0.573 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-09

Lab Sample ID: 860-116304-8

Date Collected: 11/11/25 14:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                     | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,3,5-Trinitrobenzene               | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,3-Dinitrobenzene                  | <0.589  | U         | 1.15  | 0.589  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1,4-Naphthoquinone                  | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 1-Naphthylamine                     | <0.270  | U *-      | 0.573 | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2,6-Dichlorophenol                  | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Chlorophenol                      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Naphthylamine                     | <0.413  | U         | 0.573 | 0.413  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.15  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Toluidine                         | <0.426  | U         | 0.573 | 0.426  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U *- *1   | 0.573 | 0.296  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 3-Methylcholanthrene                | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.638  | U         | 1.15  | 0.638  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.573 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U *-      | 5.73  | 1.46   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.573 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.573 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.573 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Diallate                            | <0.0300 | U *-      | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Diallate Peak 1                     | <0.0750 | U         | 0.573 | 0.0750 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Diallate Peak 2                     | <0.0300 | U         | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Dimethoate                          | <0.500  | U **      | 2.87  | 0.500  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Dinoseb                             | <0.678  | U **      | 2.87  | 0.678  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Ethyl Parathion                     | <0.627  | U **      | 1.15  | 0.627  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Famphur                             | <0.259  | U         | 1.15  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Hexachloropropene                   | <0.573  | U         | 0.573 | 0.573  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Isosafrole Peak 2                   | <0.0988 | U         | 0.573 | 0.0988 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.87  | 2.77   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosodiethylamine               | <0.675  | U         | 1.15  | 0.675  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosodi-n-butylamine            | <0.726  | U         | 1.15  | 0.726  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosomethylethylamine           | <0.703  | U         | 1.15  | 0.703  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosomorpholine                 | <0.715  | U         | 1.15  | 0.715  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| o,o',o"-Triethylphosphorothioate    | 1.37    |           | 0.573 | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| p-Dimethylamino azobenzene          | <0.155  | U         | 0.573 | 0.155  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Phenacetin                          | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Phorate                             | <2.62   | U **      | 5.73  | 2.62   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| p-Phenylene diamine                 | <5.73   | U *-      | 5.73  | 5.73   | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Pronamide                           | <0.135  | U         | 0.573 | 0.135  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-09

Lab Sample ID: 860-116304-8

Date Collected: 11/11/25 14:20

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|--------|------|---|----------------|----------------|---------|
| Safrole, Total              | <0.0923   | U *       | 0.573    | 0.0923 | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Sulfotepp                   | <0.472    | U **      | 1.15     | 0.472  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Thionazin                   | <0.341    | U **      | 1.15     | 0.341  | ug/L |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |        |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 91        |           | 26 - 136 |        |      |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 |        |      |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 |        |      |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 |        |      |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  |        |      |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 |        |      |   | 11/13/25 14:11 | 11/15/25 11:03 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine      | <0.160    | U         | 0.573    | 0.160 | ug/L |   | 11/13/25 14:11 | 11/19/25 00:35 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 |       |      |   | 11/13/25 14:11 | 11/19/25 00:35 | 1       |
| 2-Fluorobiphenyl            | 71        |           | 39 - 130 |       |      |   | 11/13/25 14:11 | 11/19/25 00:35 | 1       |
| 2-Fluorophenol (Surr)       | 46        |           | 19 - 120 |       |      |   | 11/13/25 14:11 | 11/19/25 00:35 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 |       |      |   | 11/13/25 14:11 | 11/19/25 00:35 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  |       |      |   | 11/13/25 14:11 | 11/19/25 00:35 | 1       |
| p-Terphenyl-d14             | 68        |           | 28 - 130 |       |      |   | 11/13/25 14:11 | 11/19/25 00:35 | 1       |

Client Sample ID: MW-07

Lab Sample ID: 860-116304-9

Date Collected: 11/11/25 15:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/15/25 02:26 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:26 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/15/25 02:26 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/15/25 02:26 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/15/25 02:26 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-07

Lab Sample ID: 860-116304-9

Date Collected: 11/11/25 15:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Acetone                     | <3.07     | U         | 100     | 3.07     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Acetonitrile                | <14.6     | U         | 100     | 14.6     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Acrolein                    | <11.1     | U         | 50.0    | 11.1     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Acrylonitrile               | <14.3     | U         | 50.0    | 14.3     | ug/L |   |          | 11/15/25 02:26 | 1       |
| alpha-Chlorotoluene         | <2.26     | U         | 5.00    | 2.26     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Benzene                     | <0.460    | U         | 1.00    | 0.460    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Bromodichloromethane        | <0.552    | U         | 1.00    | 0.552    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Bromoform                   | <0.633    | U         | 5.00    | 0.633    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Bromomethane                | <1.42     | U         | 5.00    | 1.42     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/15/25 02:26 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/15/25 02:26 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/15/25 02:26 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/15/25 02:26 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/15/25 02:26 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/15/25 02:26 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/15/25 02:26 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/15/25 02:26 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/15/25 02:26 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/15/25 02:26 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-07

Lab Sample ID: 860-116304-9

Date Collected: 11/11/25 15:09

Matrix: Water

Date Received: 11/12/25 09:00

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 63 - 144 |          | 11/15/25 02:26 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 74 - 124 |          | 11/15/25 02:26 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 131 |          | 11/15/25 02:26 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 11/15/25 02:26 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                            | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene             | <0.120       | U         | 0.569 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,2-Dichlorobenzene                | <0.101       | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,3-Dichlorobenzene                | <0.107       | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,4-Dichlorobenzene                | <0.109       | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,2'-oxybis[1-chloropropane]       | <1.84        | U         | 2.84  | 1.84   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,4,5-Trichlorophenol              | <0.429       | U         | 0.569 | 0.429  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,4,6-Trichlorophenol              | <0.116       | U         | 0.569 | 0.116  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,4-Dichlorophenol                 | <0.125       | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,4-Dimethylphenol                 | <0.111       | U         | 0.569 | 0.111  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| <b>1,4-Dioxane</b>                 | <b>0.439</b> | <b>J</b>  | 0.569 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,4-Dinitrophenol                  | <1.38        | U         | 5.69  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,4-Dinitrotoluene                 | <0.511       | U         | 1.14  | 0.511  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,6-Dinitrotoluene                 | <0.272       | U         | 0.569 | 0.272  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Chloronaphthalene                | <0.118       | U         | 0.569 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Methylnaphthalene                | <0.109       | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Methylphenol                     | <0.109       | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Nitroaniline                     | <0.157       | U         | 0.569 | 0.157  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Nitrophenol                      | <0.137       | U         | 0.569 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 3 & 4 Methylphenol                 | <0.0940      | U         | 0.569 | 0.0940 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 3-Nitroaniline                     | <0.222       | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4,6-Dinitro-2-methylphenol         | <1.22        | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4-Bromophenyl phenyl ether         | <0.105       | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4-Chloro-3-methylphenol            | <0.119       | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4-Chloroaniline                    | <0.0877      | U         | 0.569 | 0.0877 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4-Chlorophenyl phenyl ether        | <0.0950      | U         | 0.569 | 0.0950 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4-Nitroaniline                     | <0.270       | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Acenaphthene                       | <0.101       | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Acenaphthylene                     | <0.124       | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Aniline                            | <0.448       | U *-      | 1.14  | 0.448  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Anthracene                         | <0.104       | U         | 0.569 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Benzo[a]anthracene                 | <0.126       | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Benzo[a]pyrene                     | <0.107       | U         | 0.284 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Benzo[b]fluoranthene               | <0.124       | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Benzo[g,h,i]perylene               | <0.0899      | U         | 0.569 | 0.0899 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Benzo[k]fluoranthene               | <0.123       | U         | 0.569 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Benzyl alcohol                     | <0.223       | U *- *1   | 2.84  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Bis(2-chloroethoxy)methane         | <0.107       | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Bis(2-chloroethyl)ether            | <0.106       | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| <b>Bis(2-ethylhexyl) phthalate</b> | <b>0.582</b> | <b>J</b>  | 1.14  | 0.569  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Butyl benzyl phthalate             | <0.335       | U         | 1.14  | 0.335  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Chrysene                           | <0.0961      | U         | 0.569 | 0.0961 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Dibenz(a,h)anthracene              | <0.0847      | U         | 0.114 | 0.0847 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Dibenzofuran                       | <0.112       | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-07

Lab Sample ID: 860-116304-9

Date Collected: 11/11/25 15:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diethyl phthalate                   | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Dimethyl phthalate                  | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Di-n-butyl phthalate                | <0.657  | U         | 1.14  | 0.657  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Di-n-octyl phthalate                | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Fluoranthene                        | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Fluorene                            | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Hexachlorobenzene                   | <0.131  | U         | 0.569 | 0.131  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Hexachlorobutadiene                 | <0.161  | U         | 0.569 | 0.161  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Hexachlorocyclopentadiene           | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Hexachloroethane                    | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Isophorone                          | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Naphthalene                         | <0.114  | U         | 0.569 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Nitrobenzene                        | <0.152  | U         | 0.569 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147  | U         | 0.569 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosodiphenylamine              | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Pentachlorophenol                   | <0.311  | U         | 0.569 | 0.311  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Phenanthrene                        | <0.106  | U         | 0.569 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Phenol                              | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Pyrene                              | <0.128  | U         | 0.569 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Pyridine                            | <0.833  | U *- *1   | 2.84  | 0.833  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitro-o-toluidine                 | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.253  | U         | 0.569 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Acetophenone                        | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosopiperidine                 | <0.628  | U         | 1.14  | 0.628  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.569 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Diphenyl ether                      | 10.7    |           | 0.569 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U         | 0.569 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4-Aminobiphenyl                     | <0.194  | U         | 0.569 | 0.194  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.569 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,3,5-Trinitrobenzene               | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,3-Dinitrobenzene                  | <0.585  | U         | 1.14  | 0.585  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U         | 0.569 | 0.0609 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 1-Naphthylamine                     | <0.268  | U *-      | 0.569 | 0.268  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2,6-Dichlorophenol                  | <0.0969 | U         | 0.569 | 0.0969 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Chlorophenol                      | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Naphthylamine                     | <0.410  | U         | 0.569 | 0.410  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.569 | 0.422  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 3,3'-Dichlorobenzidine              | <0.647  | U         | 1.14  | 0.647  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294  | U *- *1   | 0.569 | 0.294  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 3-Methylcholanthrene                | <0.0878 | U         | 0.569 | 0.0878 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.634  | U         | 1.14  | 0.634  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.569 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *-      | 5.69  | 1.44   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.569 | 0.202  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Aramite, Total                      | <0.183  | U *-      | 0.569 | 0.183  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-07

Lab Sample ID: 860-116304-9

Date Collected: 11/11/25 15:09

Matrix: Water

Date Received: 11/12/25 09:00

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                                 | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate                                | <0.0298      | U *-      | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Diallate Peak 1                         | <0.0744      | U         | 0.569 | 0.0744 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Diallate Peak 2                         | <0.0298      | U         | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Dimethoate                              | <0.497       | U **      | 2.84  | 0.497  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Dinoseb                                 | <0.673       | U **      | 2.84  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Disulfoton                              | <2.14        | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Ethyl methanesulfonate                  | <0.184       | U         | 0.569 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Ethyl Parathion                         | <0.623       | U **      | 1.14  | 0.623  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Famphur                                 | <0.258       | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Hexachloropropene                       | <0.569       | U         | 0.569 | 0.569  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Isosafrole                              | <0.0230      | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Isosafrole Peak 1                       | <0.0230      | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Isosafrole Peak 2                       | <0.0981      | U         | 0.569 | 0.0981 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Methapyriline                           | <1.51        | U **      | 2.28  | 1.51   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Methyl methanesulfonate                 | <0.185       | U         | 0.569 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Methyl parathion                        | <2.75        | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosodiethylamine                   | <0.670       | U         | 1.14  | 0.670  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosodi-n-butylamine                | <0.720       | U         | 1.14  | 0.720  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosomethylethylamine               | <0.698       | U         | 1.14  | 0.698  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosomorpholine                     | <0.710       | U         | 1.14  | 0.710  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| N-Nitrosopyrrolidine                    | <0.108       | U         | 0.569 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| <b>o,o',o"-Triethylphosphorothioate</b> | <b>0.221</b> | <b>J</b>  | 0.569 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| p-Dimethylamino azobenzene              | <0.154       | U         | 0.569 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Pentachloronitrobenzene                 | <0.252       | U         | 0.569 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Phenacetin                              | <0.251       | U         | 0.569 | 0.251  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Phorate                                 | <2.60        | U **      | 5.69  | 2.60   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| p-Phenylene diamine                     | <5.69        | U *-      | 5.69  | 5.69   | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Pronamide                               | <0.134       | U         | 0.569 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Safrole, Total                          | <0.0916      | U *-      | 0.569 | 0.0916 | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Sulfotepp                               | <0.469       | U **      | 1.14  | 0.469  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Thionazin                               | <0.338       | U **      | 1.14  | 0.338  | ug/L |   | 11/13/25 14:11 | 11/15/25 08:34 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 88        |           | 26 - 136 | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| 2-Fluorophenol (Surr)       | 51        |           | 19 - 120 | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Nitrobenzene-d5 (Surr)      | 82        |           | 32 - 133 | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| Phenol-d5 (Surr)            | 28        |           | 8 - 124  | 11/13/25 14:11 | 11/15/25 08:34 | 1       |
| p-Terphenyl-d14             | 76        |           | 28 - 130 | 11/13/25 14:11 | 11/15/25 08:34 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.569 | 0.159 | ug/L |   | 11/13/25 14:11 | 11/18/25 18:14 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 87        |           | 26 - 136 | 11/13/25 14:11 | 11/18/25 18:14 | 1       |
| 2-Fluorobiphenyl            | 73        |           | 39 - 130 | 11/13/25 14:11 | 11/18/25 18:14 | 1       |
| 2-Fluorophenol (Surr)       | 62        |           | 19 - 120 | 11/13/25 14:11 | 11/18/25 18:14 | 1       |
| Nitrobenzene-d5 (Surr)      | 87        |           | 32 - 133 | 11/13/25 14:11 | 11/18/25 18:14 | 1       |
| Phenol-d5 (Surr)            | 34        |           | 8 - 124  | 11/13/25 14:11 | 11/18/25 18:14 | 1       |

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Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

Client Sample ID: MW-07

Date Collected: 11/11/25 15:09

Date Received: 11/12/25 09:00

Lab Sample ID: 860-116304-9

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 77        |           | 28 - 130 | 11/13/25 14:11 | 11/18/25 18:14 | 1       |

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# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID          | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                        |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-115835-A-8 MS - DL | Matrix Spike           | 80                                             | 91              | 117              | 104             |
| 860-115992-C-31 MS     | Matrix Spike           | 100                                            | 102             | 100              | 100             |
| 860-116304-1           | MW-19                  | 90                                             | 95              | 93               | 98              |
| 860-116304-2           | MW-22                  | 91                                             | 88              | 92               | 105             |
| 860-116304-3           | MW-20                  | 115                                            | 100             | 107              | 100             |
| 860-116304-4           | MW-24                  | 115                                            | 102             | 105              | 102             |
| 860-116304-5           | MW-18                  | 114                                            | 105             | 107              | 101             |
| 860-116304-5 - RA      | MW-18                  | 82                                             | 88              | 123              | 106             |
| 860-116304-5 MS        | MW-18                  | 109                                            | 99              | 102              | 100             |
| 860-116304-5 MSD       | MW-18                  | 107                                            | 99              | 102              | 100             |
| 860-116304-6           | TB-07                  | 113                                            | 84              | 105              | 101             |
| 860-116304-6 - RA      | TB-07                  | 108                                            | 102             | 108              | 98              |
| 860-116304-7           | MW-06                  | 117                                            | 99              | 109              | 100             |
| 860-116304-8           | MW-09                  | 115                                            | 105             | 107              | 102             |
| 860-116304-8 - RA      | MW-09                  | 112                                            | 108             | 112              | 102             |
| 860-116304-9           | MW-07                  | 115                                            | 104             | 109              | 103             |
| 860-116480-B-1 MS      | Matrix Spike           | 106                                            | 109             | 107              | 103             |
| 860-116480-B-1 MSD     | Matrix Spike Duplicate | 104                                            | 106             | 109              | 98              |
| LCS 860-276012/3       | Lab Control Sample     | 108                                            | 100             | 101              | 102             |
| LCS 860-276228/1013    | Lab Control Sample     | 99                                             | 103             | 101              | 100             |
| LCS 860-276237/3       | Lab Control Sample     | 108                                            | 105             | 105              | 102             |
| LCS 860-276330/3       | Lab Control Sample     | 80                                             | 91              | 120              | 103             |
| LCSD 860-276012/4      | Lab Control Sample Dup | 109                                            | 99              | 103              | 101             |
| LCSD 860-276228/14     | Lab Control Sample Dup | 101                                            | 104             | 101              | 99              |
| LCSD 860-276237/4      | Lab Control Sample Dup | 104                                            | 108             | 102              | 105             |
| LCSD 860-276330/4      | Lab Control Sample Dup | 84                                             | 91              | 122              | 102             |
| MB 860-276012/10       | Method Blank           | 96                                             | 101             | 95               | 95              |
| MB 860-276228/19       | Method Blank           | 108                                            | 103             | 103              | 99              |
| MB 860-276237/9        | Method Blank           | 110                                            | 108             | 107              | 103             |
| MB 860-276330/7        | Method Blank           | 89                                             | 87              | 128              | 104             |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-------------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                   |                  | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116304-1      | MW-19            | 126                                            | 72              | 36              | 100             | 22             | 113                |
| 860-116304-1 - RA | MW-19            | 103                                            | 78              | 49              | 99              | 26             | 101                |
| 860-116304-1 - DL | MW-19            | 263   S1+                                      | 88              | 45              | 73              | 33             | 97                 |
| 860-116304-1 - DL | MW-19            | 4417 S1+                                       | 1065   S1+      | 873 S1+         | 648 S1+         | 991   S1+      | 589 S1+            |
| 860-116304-2      | MW-22            | 126                                            | 78              | 43              | 114             | 23             | 123                |
| 860-116304-2 - RA | MW-22            | 105                                            | 87              | 49              | 113             | 26             | 111                |
| 860-116304-2 - DL | MW-22            | 0 S1-                                          | 834   S1+       | 625 S1+         | 428 S1+         | 935   S1+      | 696 S1+            |

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# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID         | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-----------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                       |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116304-3          | MW-20                  | 125                                            | 82              | 42              | 101             | 24             | 98                 |
| 860-116304-3 - RA     | MW-20                  | 116                                            | 86              | 51              | 110             | 28             | 97                 |
| 860-116304-3 - DL     | MW-20                  | 228 S1+                                        | 154 S1+         | 87              | 99              | 69             | 131 S1+            |
| 860-116304-3 - DL2    | MW-20                  | 131                                            | 143 S1+         | 127 S1+         | 174 S1+         | 101            | 766 S1+            |
| 860-116304-4          | MW-24                  | 109                                            | 90              | 43              | 96              | 20             | 94                 |
| 860-116304-4 - RA     | MW-24                  | 103                                            | 91              | 49              | 107             | 24             | 91                 |
| 860-116304-4 - DL     | MW-24                  | 117                                            | 100             | 53              | 106             | 23             | 98                 |
| 860-116304-5          | MW-18                  | 127                                            | 96              | 36              | 115             | 18             | 107                |
| 860-116304-5 - RA     | MW-18                  | 122                                            | 96              | 46              | 120             | 22             | 106                |
| 860-116304-5 - DL     | MW-18                  | 266 S1+                                        | 145 S1+         | 54              | 123             | 30 I           | 143 S1+            |
| 860-116304-5 MS       | MW-18                  | 150 S1+                                        | 105             | 54              | 136 S1+         | 33             | 116                |
| 860-116304-5 MS - RA  | MW-18                  | 135                                            | 106             | 66              | 131             | 38             | 108                |
| 860-116304-5 MS - DL  | MW-18                  | 258 S1+                                        | 137 S1+         | 85              | 159 S1+         | 44             | 137 S1+            |
| 860-116304-5 MS       | MW-18                  | 64                                             | 64              | 29              | 75              | 16             | 66                 |
| 860-116304-5 MSD      | MW-18                  | 140 S1+                                        | 96              | 53              | 124             | 32             | 106                |
| 860-116304-5 MSD - RA | MW-18                  | 124                                            | 100             | 63              | 123             | 37             | 104                |
| 860-116304-5 MSD - DL | MW-18                  | 225 S1+                                        | 107             | 72              | 126             | 37             | 116                |
| 860-116304-5 MSD      | MW-18                  | 68                                             | 65              | 26              | 77              | 13             | 65                 |
| 860-116304-7          | MW-06                  | 90                                             | 74              | 41              | 81              | 21             | 74                 |
| 860-116304-7 - RA     | MW-06                  | 81                                             | 75              | 47              | 83              | 24             | 71                 |
| 860-116304-8          | MW-09                  | 91                                             | 69              | 39              | 78              | 20             | 73                 |
| 860-116304-8 - RA     | MW-09                  | 72                                             | 71              | 46              | 74              | 25             | 68                 |
| 860-116304-9          | MW-07                  | 88                                             | 69              | 51              | 82              | 28             | 76                 |
| 860-116304-9 - RA     | MW-07                  | 87                                             | 73              | 62              | 87              | 34             | 77                 |
| LCS 860-275662/2-A    | Lab Control Sample     | 68                                             | 74              | 73              | 75              | 72             | 74                 |
| LCS 860-275662/2-A    | Lab Control Sample     | 69                                             | 68              | 74              | 67              | 61             | 70                 |
| LCS 860-275662/4-A    | Lab Control Sample     | 72                                             | 78              | 73              | 78              | 68             | 70                 |
| LCSD 860-275662/3-A   | Lab Control Sample Dup | 70                                             | 78              | 71              | 77              | 70             | 72                 |
| LCSD 860-275662/5-A   | Lab Control Sample Dup | 75                                             | 81              | 78              | 80              | 73             | 75                 |
| MB 860-275662/1-A     | Method Blank           | 59                                             | 72              | 74              | 74              | 69             | 73                 |
| MB 860-275662/1-A     | Method Blank           | 59                                             | 64              | 73              | 61              | 57             | 66                 |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |     |     |     |     |        |
|---------------------|------------------------|------------------------------------------------|-----|-----|-----|-----|--------|
|                     |                        | TBP                                            | FBP | 2FP | NBZ | PHL | TPHd14 |
| LCSD 860-275662/3-A | Lab Control Sample Dup |                                                |     |     |     |     |        |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

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# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14

Job ID: 860-116304-1

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-276012/10

Matrix: Water

Analysis Batch: 276012

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/14/25 22:40 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/14/25 22:40 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/14/25 22:40 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/14/25 22:40 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/14/25 22:40 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/14/25 22:40 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/14/25 22:40 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/14/25 22:40 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/14/25 22:40 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/14/25 22:40 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276012/10

Matrix: Water

Analysis Batch: 276012

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/14/25 22:40 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/14/25 22:40 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/14/25 22:40 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/14/25 22:40 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/14/25 22:40 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/14/25 22:40 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/14/25 22:40 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/14/25 22:40 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/14/25 22:40 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/14/25 22:40 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/14/25 22:40 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/14/25 22:40 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96           |              | 63 - 144 |          | 11/14/25 22:40 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101          |              | 74 - 124 |          | 11/14/25 22:40 | 1       |
| Dibromofluoromethane (Surr)  | 95           |              | 75 - 131 |          | 11/14/25 22:40 | 1       |
| Toluene-d8 (Surr)            | 95           |              | 80 - 120 |          | 11/14/25 22:40 | 1       |

Lab Sample ID: LCS 860-276012/3

Matrix: Water

Analysis Batch: 276012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 51.58      |               | ug/L |   | 103  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 52.59      |               | ug/L |   | 105  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 48.31      |               | ug/L |   | 97   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 46.39      |               | ug/L |   | 93   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 50.10      |               | ug/L |   | 100  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 52.36      |               | ug/L |   | 105  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 49.09      |               | ug/L |   | 98   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 53.42      |               | ug/L |   | 107  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 52.08      |               | ug/L |   | 104  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 44.04      |               | ug/L |   | 88   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 49.39      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 54.38      |               | ug/L |   | 109  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 51.55      |               | ug/L |   | 103  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 51.83      |               | ug/L |   | 104  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 53.80      |               | ug/L |   | 108  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276012/3

Matrix: Water

Analysis Batch: 276012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 48.96      |               | ug/L |   | 98   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 279.2      |               | ug/L |   | 112  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 300.3      |               | ug/L |   | 120  | 60 - 140    |
| 2-Propanol                       | 500         | 549.2      |               | ug/L |   | 110  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 61.03      |               | ug/L |   | 122  | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 293.2      |               | ug/L |   | 117  | 60 - 140    |
| Acetone                          | 250         | 281.6      |               | ug/L |   | 113  | 60 - 140    |
| Acetonitrile                     | 500         | 604.0      |               | ug/L |   | 121  | 60 - 140    |
| Acrolein                         | 250         | 267.6      |               | ug/L |   | 107  | 60 - 140    |
| Acrylonitrile                    | 500         | 529.4      |               | ug/L |   | 106  | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 45.37      |               | ug/L |   | 91   | 70 - 130    |
| Benzene                          | 50.0        | 50.31      |               | ug/L |   | 101  | 70 - 130    |
| Bromodichloromethane             | 50.0        | 52.86      |               | ug/L |   | 106  | 65 - 135    |
| Bromoform                        | 50.0        | 53.47      |               | ug/L |   | 107  | 70 - 130    |
| Bromomethane                     | 50.0        | 57.61      |               | ug/L |   | 115  | 49 - 140    |
| Carbon disulfide                 | 50.0        | 52.38      |               | ug/L |   | 105  | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 50.83      |               | ug/L |   | 102  | 70 - 130    |
| Chlorobenzene                    | 50.0        | 49.43      |               | ug/L |   | 99   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 49.81      |               | ug/L |   | 100  | 70 - 130    |
| Chloroethane                     | 50.0        | 48.40      |               | ug/L |   | 97   | 60 - 140    |
| Chloroform                       | 50.0        | 51.79      |               | ug/L |   | 104  | 70 - 130    |
| Chloromethane                    | 50.0        | 43.18      |               | ug/L |   | 86   | 60 - 140    |
| Chloroprene                      | 50.0        | 55.21      |               | ug/L |   | 110  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 53.11      |               | ug/L |   | 106  | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 52.70      |               | ug/L |   | 105  | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 55.21      |               | ug/L |   | 110  | 70 - 130    |
| Cyclohexane                      | 50.0        | 49.96      |               | ug/L |   | 100  | 65 - 130    |
| Dibromomethane                   | 50.0        | 51.11      |               | ug/L |   | 102  | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 48.02      |               | ug/L |   | 96   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 71.27      | *+            | ug/L |   | 143  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 51.32      |               | ug/L |   | 103  | 70 - 130    |
| Hexane                           | 50.0        | 52.75      |               | ug/L |   | 105  | 65 - 140    |
| Iodomethane                      | 50.0        | 60.77      |               | ug/L |   | 122  | 50 - 150    |
| Isobutanol                       | 1240        | 1621       |               | ug/L |   | 131  | 60 - 140    |
| Methacrylonitrile                | 500         | 485.2      |               | ug/L |   | 97   | 70 - 130    |
| Methyl methacrylate              | 100         | 87.30      |               | ug/L |   | 87   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 49.71      |               | ug/L |   | 99   | 70 - 135    |
| Methylene Chloride               | 50.0        | 52.62      |               | ug/L |   | 105  | 71 - 125    |
| Propionitrile                    | 500         | 544.1      |               | ug/L |   | 109  | 70 - 130    |
| Propylbenzene                    | 50.0        | 51.38      |               | ug/L |   | 103  | 70 - 130    |
| Styrene                          | 50.0        | 54.39      |               | ug/L |   | 109  | 70 - 130    |
| Tetrachloroethene                | 50.0        | 48.01      |               | ug/L |   | 96   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 105.7      |               | ug/L |   | 106  | 63 - 130    |
| Toluene                          | 50.0        | 49.65      |               | ug/L |   | 99   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 56.65      |               | ug/L |   | 113  | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 54.64      |               | ug/L |   | 109  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 58.25      |               | ug/L |   | 117  | 70 - 130    |
| Trichloroethene                  | 50.0        | 49.96      |               | ug/L |   | 100  | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 45.60      |               | ug/L |   | 91   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276012/3

Matrix: Water

Analysis Batch: 276012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 212.1      |               | ug/L |   | 85   | 50 - 150    |
| Vinyl chloride | 50.0        | 49.18      |               | ug/L |   | 98   | 60 - 140    |
| Xylenes, Total | 100         | 102.5      |               | ug/L |   | 102  | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.05115    |               | mg/L |   | 102  | 70 - 130    |
| o-Xylene       | 0.0500      | 0.05134    |               | mg/L |   | 103  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 108           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 100           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 101           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276012/4

Matrix: Water

Analysis Batch: 276012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 50.58       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 53.02       |                | ug/L |   | 106  | 70 - 130    | 1   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 46.80       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 47.29       |                | ug/L |   | 95   | 60 - 140    | 2   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 48.56       |                | ug/L |   | 97   | 70 - 130    | 3   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 55.52       |                | ug/L |   | 111  | 70 - 130    | 6   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 48.91       |                | ug/L |   | 98   | 67 - 130    | 0   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 52.47       |                | ug/L |   | 105  | 70 - 130    | 2   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 50.74       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 42.14       |                | ug/L |   | 84   | 59 - 130    | 4   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 48.84       |                | ug/L |   | 98   | 70 - 130    | 1   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 54.16       |                | ug/L |   | 108  | 70 - 130    | 0   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 51.49       |                | ug/L |   | 103  | 70 - 130    | 0   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 51.04       |                | ug/L |   | 102  | 70 - 130    | 2   | 25        |
| 1,3-Butadiene                         | 50.0        | 52.43       |                | ug/L |   | 105  | 60 - 150    | 3   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 50.04       |                | ug/L |   | 100  | 70 - 130    | 2   | 25        |
| 2-Butanone (MEK)                      | 250         | 279.8       |                | ug/L |   | 112  | 67 - 140    | 0   | 25        |
| 2-Hexanone (MBK)                      | 250         | 299.9       |                | ug/L |   | 120  | 60 - 140    | 0   | 25        |
| 2-Propanol                            | 500         | 541.7       |                | ug/L |   | 108  | 50 - 150    | 1   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 59.34       |                | ug/L |   | 119  | 60 - 130    | 3   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 293.6       |                | ug/L |   | 117  | 60 - 140    | 0   | 25        |
| Acetone                               | 250         | 288.2       |                | ug/L |   | 115  | 60 - 140    | 2   | 25        |
| Acetonitrile                          | 500         | 569.9       |                | ug/L |   | 114  | 60 - 140    | 6   | 25        |
| Acrolein                              | 250         | 269.5       |                | ug/L |   | 108  | 60 - 140    | 1   | 25        |
| Acrylonitrile                         | 500         | 541.6       |                | ug/L |   | 108  | 60 - 140    | 2   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 43.75       |                | ug/L |   | 87   | 70 - 130    | 4   | 25        |
| Benzene                               | 50.0        | 50.18       |                | ug/L |   | 100  | 70 - 130    | 0   | 25        |
| Bromodichloromethane                  | 50.0        | 52.05       |                | ug/L |   | 104  | 65 - 135    | 2   | 25        |
| Bromoform                             | 50.0        | 51.33       |                | ug/L |   | 103  | 70 - 130    | 4   | 25        |
| Bromomethane                          | 50.0        | 57.20       |                | ug/L |   | 114  | 49 - 140    | 1   | 25        |
| Carbon disulfide                      | 50.0        | 59.49       |                | ug/L |   | 119  | 60 - 130    | 13  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276012/4

Matrix: Water

Analysis Batch: 276012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 51.05       |                | ug/L |   | 102  | 70 - 130    | 0   | 25        |
| Chlorobenzene               | 50.0        | 48.93       |                | ug/L |   | 98   | 65 - 135    | 1   | 25        |
| Chlorodibromomethane        | 50.0        | 49.35       |                | ug/L |   | 99   | 70 - 130    | 1   | 25        |
| Chloroethane                | 50.0        | 48.33       |                | ug/L |   | 97   | 60 - 140    | 0   | 25        |
| Chloroform                  | 50.0        | 52.35       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| Chloromethane               | 50.0        | 43.50       |                | ug/L |   | 87   | 60 - 140    | 1   | 25        |
| Chloroprene                 | 50.0        | 49.64       |                | ug/L |   | 99   | 70 - 130    | 11  | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 53.07       |                | ug/L |   | 106  | 70 - 130    | 0   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 53.02       |                | ug/L |   | 106  | 70 - 130    | 1   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 54.67       |                | ug/L |   | 109  | 70 - 130    | 1   | 25        |
| Cyclohexane                 | 50.0        | 50.14       |                | ug/L |   | 100  | 65 - 130    | 0   | 25        |
| Dibromomethane              | 50.0        | 50.99       |                | ug/L |   | 102  | 69 - 130    | 0   | 25        |
| Dichlorodifluoromethane     | 50.0        | 47.66       |                | ug/L |   | 95   | 50 - 150    | 1   | 25        |
| Ethyl methacrylate          | 50.0        | 71.10       | *+             | ug/L |   | 142  | 70 - 130    | 0   | 25        |
| Ethylbenzene                | 50.0        | 50.30       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| Hexane                      | 50.0        | 52.26       |                | ug/L |   | 105  | 65 - 140    | 1   | 25        |
| Iodomethane                 | 50.0        | 66.10       |                | ug/L |   | 132  | 50 - 150    | 8   | 25        |
| Isobutanol                  | 1240        | 1572        |                | ug/L |   | 127  | 60 - 140    | 3   | 25        |
| Methacrylonitrile           | 500         | 496.4       |                | ug/L |   | 99   | 70 - 130    | 2   | 25        |
| Methyl methacrylate         | 100         | 86.28       |                | ug/L |   | 86   | 70 - 130    | 1   | 25        |
| Methyl tert-butyl ether     | 50.0        | 50.06       |                | ug/L |   | 100  | 70 - 135    | 1   | 25        |
| Methylene Chloride          | 50.0        | 53.28       |                | ug/L |   | 107  | 71 - 125    | 1   | 25        |
| Propionitrile               | 500         | 559.1       |                | ug/L |   | 112  | 70 - 130    | 3   | 25        |
| Propylbenzene               | 50.0        | 50.06       |                | ug/L |   | 100  | 70 - 130    | 3   | 25        |
| Styrene                     | 50.0        | 54.11       |                | ug/L |   | 108  | 70 - 130    | 1   | 25        |
| Tetrachloroethene           | 50.0        | 47.08       |                | ug/L |   | 94   | 70 - 130    | 2   | 25        |
| Tetrahydrofuran             | 100         | 109.6       |                | ug/L |   | 110  | 63 - 130    | 4   | 25        |
| Toluene                     | 50.0        | 48.62       |                | ug/L |   | 97   | 70 - 130    | 2   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 56.57       |                | ug/L |   | 113  | 70 - 130    | 0   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 54.22       |                | ug/L |   | 108  | 70 - 130    | 1   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 57.58       |                | ug/L |   | 115  | 70 - 130    | 1   | 25        |
| Trichloroethene             | 50.0        | 49.40       |                | ug/L |   | 99   | 70 - 135    | 1   | 25        |
| Trichlorofluoromethane      | 50.0        | 45.56       |                | ug/L |   | 91   | 60 - 140    | 0   | 25        |
| Vinyl acetate               | 250         | 186.8       |                | ug/L |   | 75   | 50 - 150    | 13  | 25        |
| Vinyl chloride              | 50.0        | 48.39       |                | ug/L |   | 97   | 60 - 140    | 2   | 25        |
| Xylenes, Total              | 100         | 100.9       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05073     |                | mg/L |   | 101  | 70 - 130    | 1   | 25        |
| o-Xylene                    | 0.0500      | 0.05016     |                | mg/L |   | 100  | 70 - 130    | 2   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 109            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 99             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 103            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276012

Client Sample ID: MW-18

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 55.82     |              | ug/L |   | 112  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 59.09     |              | ug/L |   | 118  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 52.35     |              | ug/L |   | 105  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 51.99     |              | ug/L |   | 104  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 54.39     |              | ug/L |   | 109  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 61.24     |              | ug/L |   | 122  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 53.65     |              | ug/L |   | 107  | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 50.87     |              | ug/L |   | 102  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 54.88     |              | ug/L |   | 110  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 47.25     |              | ug/L |   | 95   | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 53.63     |              | ug/L |   | 107  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 59.51     |              | ug/L |   | 119  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 57.78     |              | ug/L |   | 116  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 55.05     |              | ug/L |   | 110  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 52.04     |              | ug/L |   | 104  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 51.72     |              | ug/L |   | 103  | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 284.4     |              | ug/L |   | 114  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 310.1     |              | ug/L |   | 124  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 640.8     |              | ug/L |   | 128  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 56.58     |              | ug/L |   | 113  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 313.1     |              | ug/L |   | 125  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 276.1     |              | ug/L |   | 110  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 601.4     |              | ug/L |   | 120  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 282.3     |              | ug/L |   | 113  | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 554.9     |              | ug/L |   | 111  | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 43.89     |              | ug/L |   | 88   | 70 - 130    |
| Benzene                               | 1.48          |                  | 50.0        | 56.00     |              | ug/L |   | 109  | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 59.57     |              | ug/L |   | 119  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 57.81     |              | ug/L |   | 116  | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 56.10     |              | ug/L |   | 112  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 55.76     |              | ug/L |   | 112  | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 57.80     |              | ug/L |   | 116  | 70 - 130    |
| Chlorobenzene                         | <0.455        | U F1             | 50.0        | 74.05     | F1           | ug/L |   | 148  | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 55.12     |              | ug/L |   | 110  | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 47.22     |              | ug/L |   | 94   | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 57.96     |              | ug/L |   | 116  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 41.75     |              | ug/L |   | 84   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 58.04     |              | ug/L |   | 116  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 58.79     |              | ug/L |   | 118  | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 58.75     |              | ug/L |   | 118  | 70 - 130    |
| Cumene (isopropylbenzene)             | 6.65          |                  | 50.0        | 61.51     |              | ug/L |   | 110  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 55.88     |              | ug/L |   | 112  | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 56.06     |              | ug/L |   | 112  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 40.87     |              | ug/L |   | 82   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U *+ F1          | 50.0        | 75.86     | F1           | ug/L |   | 152  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 56.21     |              | ug/L |   | 112  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 56.07     |              | ug/L |   | 112  | 65 - 140    |
| Iodomethane                           | <5.00         | U F2 F1          | 50.0        | 64.53     |              | ug/L |   | 129  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276012

Client Sample ID: MW-18

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                  | <17.1         | U                | 1240        | 1638      |              | ug/L |   | 132  | 60 - 140    |
| Methacrylonitrile           | <2.72         | U                | 500         | 518.2     |              | ug/L |   | 104  | 70 - 130    |
| Methyl methacrylate         | <2.25         | U                | 100         | 91.91     |              | ug/L |   | 92   | 70 - 130    |
| Methyl tert-butyl ether     | <1.39         | U                | 50.0        | 50.37     |              | ug/L |   | 101  | 70 - 135    |
| Methylene Chloride          | <1.73         | U                | 50.0        | 50.23     |              | ug/L |   | 100  | 71 - 125    |
| Propionitrile               | <3.34         | U                | 500         | 553.5     |              | ug/L |   | 111  | 70 - 130    |
| Propylbenzene               | 1.29          |                  | 50.0        | 55.10     |              | ug/L |   | 108  | 70 - 130    |
| Styrene                     | <0.619        | U                | 50.0        | 60.10     |              | ug/L |   | 120  | 70 - 130    |
| Tetrachloroethene           | <0.655        | U                | 50.0        | 52.27     |              | ug/L |   | 105  | 70 - 130    |
| Tetrahydrofuran             | <1.83         | U                | 100         | 115.8     |              | ug/L |   | 116  | 63 - 130    |
| Toluene                     | <0.475        | U                | 50.0        | 53.57     |              | ug/L |   | 107  | 70 - 130    |
| trans-1,2-Dichloroethene    | <0.368        | U                | 50.0        | 53.43     |              | ug/L |   | 107  | 70 - 130    |
| trans-1,3-Dichloropropene   | <1.27         | U                | 50.0        | 59.59     |              | ug/L |   | 119  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <1.35         | U                | 50.0        | 59.65     |              | ug/L |   | 119  | 70 - 130    |
| Trichloroethene             | <1.50         | U                | 50.0        | 54.17     |              | ug/L |   | 108  | 70 - 135    |
| Trichlorofluoromethane      | <0.560        | U                | 50.0        | 45.77     |              | ug/L |   | 92   | 60 - 140    |
| Vinyl acetate               | <2.14         | U                | 250         | 308.3     |              | ug/L |   | 123  | 50 - 150    |
| Vinyl chloride              | <0.428        | U                | 50.0        | 46.74     |              | ug/L |   | 93   | 60 - 140    |
| Xylenes, Total              | <1.24         | U                | 100         | 113.6     |              | ug/L |   | 114  | 70 - 130    |
| m,p-Xylenes                 | <0.00124      | U                | 0.0500      | 0.05692   |              | mg/L |   | 114  | 70 - 130    |
| o-Xylene                    | <0.000502     | U                | 0.0500      | 0.05671   |              | mg/L |   | 113  | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 109          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 99           |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 102          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 100          |              | 80 - 120 |

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276012

Client Sample ID: MW-18

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 57.34      |               | ug/L |   | 115  | 70 - 130    | 3   | 25        |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 59.65      |               | ug/L |   | 119  | 70 - 130    | 1   | 25        |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 52.39      |               | ug/L |   | 105  | 70 - 130    | 0   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 67.11      |               | ug/L |   | 134  | 60 - 140    | 25  | 25        |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 55.02      |               | ug/L |   | 110  | 70 - 130    | 1   | 25        |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 60.79      |               | ug/L |   | 122  | 70 - 130    | 1   | 25        |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 63.21      |               | ug/L |   | 126  | 67 - 130    | 16  | 25        |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 46.56      |               | ug/L |   | 93   | 70 - 130    | 9   | 25        |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 56.28      |               | ug/L |   | 113  | 70 - 130    | 3   | 25        |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 49.10      |               | ug/L |   | 98   | 59 - 130    | 4   | 25        |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 53.98      |               | ug/L |   | 108  | 70 - 130    | 1   | 25        |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 59.71      |               | ug/L |   | 119  | 70 - 130    | 0   | 25        |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 58.75      |               | ug/L |   | 118  | 70 - 130    | 2   | 25        |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 56.40      |               | ug/L |   | 113  | 70 - 130    | 2   | 25        |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 51.30      |               | ug/L |   | 103  | 60 - 150    | 1   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276012

Client Sample ID: MW-18

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | <0.500        | U                | 50.0        | 52.00      |               | ug/L |   | 104  | 70 - 130    | 1   | 25        |
| 2-Butanone (MEK)                 | <8.28         | U                | 250         | 278.4      |               | ug/L |   | 111  | 67 - 140    | 2   | 25        |
| 2-Hexanone (MBK)                 | <5.00         | U                | 250         | 307.2      |               | ug/L |   | 123  | 60 - 140    | 1   | 25        |
| 2-Propanol                       | <5.23         | U                | 500         | 642.3      |               | ug/L |   | 128  | 50 - 150    | 0   | 25        |
| 3-Chloropropene (Allyl Chloride) | <0.597        | U                | 50.0        | 61.76      |               | ug/L |   | 124  | 60 - 130    | 9   | 25        |
| 4-Methyl-2-pentanone             | <5.00         | U                | 250         | 308.9      |               | ug/L |   | 124  | 60 - 140    | 1   | 25        |
| Acetone                          | <3.07         | U                | 250         | 281.4      |               | ug/L |   | 113  | 60 - 140    | 2   | 25        |
| Acetonitrile                     | <14.6         | U                | 500         | 518.6      |               | ug/L |   | 104  | 60 - 140    | 15  | 25        |
| Acrolein                         | <11.1         | U                | 250         | 288.2      |               | ug/L |   | 115  | 60 - 140    | 2   | 25        |
| Acrylonitrile                    | <14.3         | U                | 500         | 464.4      |               | ug/L |   | 93   | 60 - 140    | 18  | 25        |
| alpha-Chlorotoluene              | <2.26         | U                | 50.0        | 42.73      |               | ug/L |   | 85   | 70 - 130    | 3   | 25        |
| Benzene                          | 1.48          |                  | 50.0        | 57.09      |               | ug/L |   | 111  | 70 - 130    | 2   | 25        |
| Bromodichloromethane             | <0.552        | U                | 50.0        | 59.49      |               | ug/L |   | 119  | 65 - 135    | 0   | 25        |
| Bromoform                        | <0.633        | U                | 50.0        | 57.99      |               | ug/L |   | 116  | 70 - 130    | 0   | 25        |
| Bromomethane                     | <1.42         | U                | 50.0        | 56.42      |               | ug/L |   | 113  | 49 - 140    | 1   | 25        |
| Carbon disulfide                 | <1.65         | U                | 50.0        | 63.02      |               | ug/L |   | 126  | 60 - 130    | 12  | 25        |
| Carbon tetrachloride             | <0.896        | U                | 50.0        | 58.04      |               | ug/L |   | 116  | 70 - 130    | 0   | 25        |
| Chlorobenzene                    | <0.455        | U F1             | 50.0        | 76.71      | F1            | ug/L |   | 153  | 65 - 135    | 4   | 25        |
| Chlorodibromomethane             | <0.547        | U                | 50.0        | 56.43      |               | ug/L |   | 113  | 70 - 130    | 2   | 25        |
| Chloroethane                     | <1.98         | U                | 50.0        | 47.76      |               | ug/L |   | 96   | 60 - 140    | 1   | 25        |
| Chloroform                       | <0.464        | U                | 50.0        | 58.78      |               | ug/L |   | 118  | 70 - 130    | 1   | 25        |
| Chloromethane                    | <2.04         | U                | 50.0        | 41.97      |               | ug/L |   | 84   | 60 - 140    | 1   | 25        |
| Chloroprene                      | <0.598        | U                | 50.0        | 58.07      |               | ug/L |   | 116  | 70 - 130    | 0   | 25        |
| cis-1,2-Dichloroethene           | <0.457        | U                | 50.0        | 59.45      |               | ug/L |   | 119  | 70 - 130    | 1   | 25        |
| cis-1,3-Dichloropropene          | <1.07         | U                | 50.0        | 59.82      |               | ug/L |   | 120  | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)        | 6.65          |                  | 50.0        | 63.76      |               | ug/L |   | 114  | 70 - 130    | 4   | 25        |
| Cyclohexane                      | <1.29         | U                | 50.0        | 56.49      |               | ug/L |   | 113  | 65 - 130    | 1   | 25        |
| Dibromomethane                   | <0.357        | U                | 50.0        | 56.70      |               | ug/L |   | 113  | 69 - 130    | 1   | 25        |
| Dichlorodifluoromethane          | <0.785        | U                | 50.0        | 40.84      |               | ug/L |   | 82   | 50 - 150    | 0   | 25        |
| Ethyl methacrylate               | <1.12         | U *+ F1          | 50.0        | 77.65      | F1            | ug/L |   | 155  | 70 - 130    | 2   | 25        |
| Ethylbenzene                     | <0.385        | U                | 50.0        | 57.80      |               | ug/L |   | 116  | 70 - 130    | 3   | 25        |
| Hexane                           | <0.517        | U                | 50.0        | 52.70      |               | ug/L |   | 105  | 65 - 140    | 6   | 25        |
| Iodomethane                      | <5.00         | U F2 F1          | 50.0        | 92.64      | F1 F2         | ug/L |   | 185  | 50 - 150    | 36  | 25        |
| Isobutanol                       | <17.1         | U                | 1240        | 1635       |               | ug/L |   | 132  | 60 - 140    | 0   | 25        |
| Methacrylonitrile                | <2.72         | U                | 500         | 511.5      |               | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| Methyl methacrylate              | <2.25         | U                | 100         | 91.39      |               | ug/L |   | 91   | 70 - 130    | 1   | 25        |
| Methyl tert-butyl ether          | <1.39         | U                | 50.0        | 49.90      |               | ug/L |   | 100  | 70 - 135    | 1   | 25        |
| Methylene Chloride               | <1.73         | U                | 50.0        | 58.72      |               | ug/L |   | 117  | 71 - 125    | 16  | 25        |
| Propionitrile                    | <3.34         | U                | 500         | 553.0      |               | ug/L |   | 111  | 70 - 130    | 0   | 25        |
| Propylbenzene                    | 1.29          |                  | 50.0        | 56.44      |               | ug/L |   | 110  | 70 - 130    | 2   | 25        |
| Styrene                          | <0.619        | U                | 50.0        | 61.41      |               | ug/L |   | 123  | 70 - 130    | 2   | 25        |
| Tetrachloroethene                | <0.655        | U                | 50.0        | 54.49      |               | ug/L |   | 109  | 70 - 130    | 4   | 25        |
| Tetrahydrofuran                  | <1.83         | U                | 100         | 112.7      |               | ug/L |   | 113  | 63 - 130    | 3   | 25        |
| Toluene                          | <0.475        | U                | 50.0        | 55.47      |               | ug/L |   | 111  | 70 - 130    | 3   | 25        |
| trans-1,2-Dichloroethene         | <0.368        | U                | 50.0        | 62.98      |               | ug/L |   | 126  | 70 - 130    | 16  | 25        |
| trans-1,3-Dichloropropene        | <1.27         | U                | 50.0        | 61.70      |               | ug/L |   | 123  | 70 - 130    | 3   | 25        |
| trans-1,4-Dichloro-2-butene      | <1.35         | U                | 50.0        | 59.06      |               | ug/L |   | 118  | 70 - 130    | 1   | 25        |
| Trichloroethene                  | <1.50         | U                | 50.0        | 55.45      |               | ug/L |   | 111  | 70 - 135    | 2   | 25        |
| Trichlorofluoromethane           | <0.560        | U                | 50.0        | 47.08      |               | ug/L |   | 94   | 60 - 140    | 3   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276012

Client Sample ID: MW-18

Prep Type: Total/NA

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | <2.14         | U                | 250         | 306.1      |               | ug/L |   | 122  | 50 - 150    | 1   | 25        |
| Vinyl chloride | <0.428        | U                | 50.0        | 47.24      |               | ug/L |   | 94   | 60 - 140    | 1   | 25        |
| Xylenes, Total | <1.24         | U                | 100         | 116.7      |               | ug/L |   | 117  | 70 - 130    | 3   | 25        |
| m,p-Xylenes    | <0.00124      | U                | 0.0500      | 0.05834    |               | mg/L |   | 117  | 70 - 130    | 2   | 25        |
| o-Xylene       | <0.000502     | U                | 0.0500      | 0.05831    |               | mg/L |   | 117  | 70 - 130    | 3   | 25        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | MSD Limits |
|------------------------------|---------------|---------------|------------|
| 1,2-Dichloroethane-d4 (Surr) | 107           |               | 63 - 144   |
| 4-Bromofluorobenzene (Surr)  | 99            |               | 74 - 124   |
| Dibromofluoromethane (Surr)  | 102           |               | 75 - 131   |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120   |

Lab Sample ID: MB 860-276228/19

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,1,1,1-Trichloroethane               | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,1,1,2,2-Tetrachloroethane           | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/17/25 13:50 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:50 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/17/25 13:50 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/17/25 13:50 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:50 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/17/25 13:50 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/17/25 13:50 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/17/25 13:50 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/17/25 13:50 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/17/25 13:50 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/17/25 13:50 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/17/25 13:50 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/17/25 13:50 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/17/25 13:50 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/17/25 13:50 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276228/19

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride        | <0.896    | U            | 2.00    | 0.896    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Chlorobenzene               | <0.455    | U            | 1.00    | 0.455    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Chlorodibromomethane        | <0.547    | U            | 5.00    | 0.547    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Chloroethane                | <1.98     | U            | 10.0    | 1.98     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Chloroform                  | <0.464    | U            | 1.00    | 0.464    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Chloromethane               | <2.04     | U            | 10.0    | 2.04     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Chloroprene                 | <0.598    | U            | 5.00    | 0.598    | ug/L |   |          | 11/17/25 13:50 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U            | 1.00    | 0.457    | ug/L |   |          | 11/17/25 13:50 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U            | 5.00    | 1.07     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U            | 1.00    | 0.592    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Cyclohexane                 | <1.29     | U            | 5.00    | 1.29     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Dibromomethane              | <0.357    | U            | 1.00    | 0.357    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Dichlorodifluoromethane     | <0.785    | U            | 1.00    | 0.785    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Ethyl methacrylate          | <1.12     | U            | 5.00    | 1.12     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Ethylbenzene                | <0.385    | U            | 1.00    | 0.385    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Hexane                      | <0.517    | U            | 5.00    | 0.517    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Iodomethane                 | <5.00     | U            | 20.0    | 5.00     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/17/25 13:50 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/17/25 13:50 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/17/25 13:50 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/17/25 13:50 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/17/25 13:50 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/17/25 13:50 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 13:50 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 13:50 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 108          |              | 63 - 144 |          | 11/17/25 13:50 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103          |              | 74 - 124 |          | 11/17/25 13:50 | 1       |
| Dibromofluoromethane (Surr)  | 103          |              | 75 - 131 |          | 11/17/25 13:50 | 1       |
| Toluene-d8 (Surr)            | 99           |              | 80 - 120 |          | 11/17/25 13:50 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276228/1013

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 51.91      |               | ug/L |   | 104  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 51.20      |               | ug/L |   | 102  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 50.26      |               | ug/L |   | 101  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 50.78      |               | ug/L |   | 102  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 51.83      |               | ug/L |   | 104  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 52.48      |               | ug/L |   | 105  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 52.68      |               | ug/L |   | 105  | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 49.71      |               | ug/L |   | 99   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 55.13      |               | ug/L |   | 110  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 51.13      |               | ug/L |   | 102  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 52.63      |               | ug/L |   | 105  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 52.10      |               | ug/L |   | 104  | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 51.84      |               | ug/L |   | 104  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 53.52      |               | ug/L |   | 107  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 48.56      |               | ug/L |   | 97   | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 50.62      |               | ug/L |   | 101  | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 251.0      |               | ug/L |   | 100  | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 253.1      |               | ug/L |   | 101  | 60 - 140    |
| 2-Propanol                            | 500         | 518.9      |               | ug/L |   | 104  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 54.98      |               | ug/L |   | 110  | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 264.6      |               | ug/L |   | 106  | 60 - 140    |
| Acetone                               | 250         | 192.3      |               | ug/L |   | 77   | 60 - 140    |
| Acetonitrile                          | 500         | 541.3      |               | ug/L |   | 108  | 60 - 140    |
| Acrolein                              | 250         | 248.0      |               | ug/L |   | 99   | 60 - 140    |
| Acrylonitrile                         | 500         | 528.7      |               | ug/L |   | 106  | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 51.87      |               | ug/L |   | 104  | 70 - 130    |
| Benzene                               | 50.0        | 52.16      |               | ug/L |   | 104  | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 52.03      |               | ug/L |   | 104  | 65 - 135    |
| Bromoform                             | 50.0        | 52.57      |               | ug/L |   | 105  | 70 - 130    |
| Bromomethane                          | 50.0        | 55.55      |               | ug/L |   | 111  | 49 - 140    |
| Carbon disulfide                      | 50.0        | 51.30      |               | ug/L |   | 103  | 60 - 130    |
| Carbon tetrachloride                  | 50.0        | 50.70      |               | ug/L |   | 101  | 70 - 130    |
| Chlorobenzene                         | 50.0        | 51.30      |               | ug/L |   | 103  | 65 - 135    |
| Chlorodibromomethane                  | 50.0        | 51.23      |               | ug/L |   | 102  | 70 - 130    |
| Chloroethane                          | 50.0        | 53.84      |               | ug/L |   | 108  | 60 - 140    |
| Chloroform                            | 50.0        | 50.41      |               | ug/L |   | 101  | 70 - 130    |
| Chloromethane                         | 50.0        | 49.61      |               | ug/L |   | 99   | 60 - 140    |
| Chloroprene                           | 50.0        | 52.65      |               | ug/L |   | 105  | 70 - 130    |
| cis-1,2-Dichloroethene                | 50.0        | 52.67      |               | ug/L |   | 105  | 70 - 130    |
| cis-1,3-Dichloropropene               | 50.0        | 53.30      |               | ug/L |   | 107  | 70 - 130    |
| Cumene (isopropylbenzene)             | 50.0        | 53.90      |               | ug/L |   | 108  | 70 - 130    |
| Cyclohexane                           | 50.0        | 52.93      |               | ug/L |   | 106  | 65 - 130    |
| Dibromomethane                        | 50.0        | 52.23      |               | ug/L |   | 104  | 69 - 130    |
| Dichlorodifluoromethane               | 50.0        | 47.20      |               | ug/L |   | 94   | 50 - 150    |
| Ethyl methacrylate                    | 50.0        | 54.54      |               | ug/L |   | 109  | 70 - 130    |
| Ethylbenzene                          | 50.0        | 53.11      |               | ug/L |   | 106  | 70 - 130    |
| Hexane                                | 50.0        | 49.09      |               | ug/L |   | 98   | 65 - 140    |
| Iodomethane                           | 50.0        | 53.71      |               | ug/L |   | 107  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276228/1013

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Isobutanol                  | 1240        | 1281       |               | ug/L |   | 103  | 60 - 140    |
| Methacrylonitrile           | 500         | 534.8      |               | ug/L |   | 107  | 70 - 130    |
| Methyl methacrylate         | 100         | 109.5      |               | ug/L |   | 110  | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 54.00      |               | ug/L |   | 108  | 70 - 135    |
| Methylene Chloride          | 50.0        | 49.10      |               | ug/L |   | 98   | 71 - 125    |
| Propionitrile               | 500         | 517.0      |               | ug/L |   | 103  | 70 - 130    |
| Propylbenzene               | 50.0        | 53.12      |               | ug/L |   | 106  | 70 - 130    |
| Styrene                     | 50.0        | 54.79      |               | ug/L |   | 110  | 70 - 130    |
| Tetrachloroethene           | 50.0        | 50.92      |               | ug/L |   | 102  | 70 - 130    |
| Tetrahydrofuran             | 100         | 106.8      |               | ug/L |   | 107  | 63 - 130    |
| Toluene                     | 50.0        | 51.62      |               | ug/L |   | 103  | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 51.53      |               | ug/L |   | 103  | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 53.04      |               | ug/L |   | 106  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 54.40      |               | ug/L |   | 109  | 70 - 130    |
| Trichloroethene             | 50.0        | 52.23      |               | ug/L |   | 104  | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 49.43      |               | ug/L |   | 99   | 60 - 140    |
| Vinyl acetate               | 250         | 267.8      |               | ug/L |   | 107  | 50 - 150    |
| Vinyl chloride              | 50.0        | 51.26      |               | ug/L |   | 103  | 60 - 140    |
| Xylenes, Total              | 100         | 107.4      |               | ug/L |   | 107  | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.05379    |               | mg/L |   | 108  | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.05360    |               | mg/L |   | 107  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 99            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 103           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 101           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276228/14

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 50.55       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 52.01       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 47.28       |                | ug/L |   | 95   | 70 - 130    | 6   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 49.05       |                | ug/L |   | 98   | 60 - 140    | 3   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 50.46       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 51.77       |                | ug/L |   | 104  | 70 - 130    | 1   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 51.25       |                | ug/L |   | 102  | 67 - 130    | 3   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 49.93       |                | ug/L |   | 100  | 70 - 130    | 0   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 54.26       |                | ug/L |   | 109  | 70 - 130    | 2   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 51.20       |                | ug/L |   | 102  | 59 - 130    | 0   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 51.51       |                | ug/L |   | 103  | 70 - 130    | 2   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 50.64       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 50.88       |                | ug/L |   | 102  | 70 - 130    | 2   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 52.97       |                | ug/L |   | 106  | 70 - 130    | 1   | 25        |
| 1,3-Butadiene                         | 50.0        | 49.38       |                | ug/L |   | 99   | 60 - 150    | 2   | 25        |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276228/14

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | 50.0        | 49.17       |                | ug/L |   | 98   | 70 - 130    | 3   | 25        |
| 2-Butanone (MEK)                 | 250         | 267.5       |                | ug/L |   | 107  | 67 - 140    | 6   | 25        |
| 2-Hexanone (MBK)                 | 250         | 262.7       |                | ug/L |   | 105  | 60 - 140    | 4   | 25        |
| 2-Propanol                       | 500         | 505.3       |                | ug/L |   | 101  | 50 - 150    | 3   | 25        |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 55.34       |                | ug/L |   | 111  | 60 - 130    | 1   | 25        |
| 4-Methyl-2-pentanone             | 250         | 263.1       |                | ug/L |   | 105  | 60 - 140    | 1   | 25        |
| Acetone                          | 250         | 245.2       |                | ug/L |   | 98   | 60 - 140    | 24  | 25        |
| Acetonitrile                     | 500         | 516.6       |                | ug/L |   | 103  | 60 - 140    | 5   | 25        |
| Acrolein                         | 250         | 259.7       |                | ug/L |   | 104  | 60 - 140    | 5   | 25        |
| Acrylonitrile                    | 500         | 516.3       |                | ug/L |   | 103  | 60 - 140    | 2   | 25        |
| alpha-Chlorotoluene              | 50.0        | 49.71       |                | ug/L |   | 99   | 70 - 130    | 4   | 25        |
| Benzene                          | 50.0        | 50.54       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| Bromodichloromethane             | 50.0        | 50.99       |                | ug/L |   | 102  | 65 - 135    | 2   | 25        |
| Bromoform                        | 50.0        | 50.39       |                | ug/L |   | 101  | 70 - 130    | 4   | 25        |
| Bromomethane                     | 50.0        | 55.82       |                | ug/L |   | 112  | 49 - 140    | 0   | 25        |
| Carbon disulfide                 | 50.0        | 50.46       |                | ug/L |   | 101  | 60 - 130    | 2   | 25        |
| Carbon tetrachloride             | 50.0        | 50.46       |                | ug/L |   | 101  | 70 - 130    | 0   | 25        |
| Chlorobenzene                    | 50.0        | 51.14       |                | ug/L |   | 102  | 65 - 135    | 0   | 25        |
| Chlorodibromomethane             | 50.0        | 50.82       |                | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| Chloroethane                     | 50.0        | 53.82       |                | ug/L |   | 108  | 60 - 140    | 0   | 25        |
| Chloroform                       | 50.0        | 50.12       |                | ug/L |   | 100  | 70 - 130    | 1   | 25        |
| Chloromethane                    | 50.0        | 49.95       |                | ug/L |   | 100  | 60 - 140    | 1   | 25        |
| Chloroprene                      | 50.0        | 51.81       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| cis-1,2-Dichloroethene           | 50.0        | 52.41       |                | ug/L |   | 105  | 70 - 130    | 0   | 25        |
| cis-1,3-Dichloropropene          | 50.0        | 52.43       |                | ug/L |   | 105  | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)        | 50.0        | 53.38       |                | ug/L |   | 107  | 70 - 130    | 1   | 25        |
| Cyclohexane                      | 50.0        | 51.28       |                | ug/L |   | 103  | 65 - 130    | 3   | 25        |
| Dibromomethane                   | 50.0        | 51.22       |                | ug/L |   | 102  | 69 - 130    | 2   | 25        |
| Dichlorodifluoromethane          | 50.0        | 46.90       |                | ug/L |   | 94   | 50 - 150    | 1   | 25        |
| Ethyl methacrylate               | 50.0        | 52.86       |                | ug/L |   | 106  | 70 - 130    | 3   | 25        |
| Ethylbenzene                     | 50.0        | 52.11       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| Hexane                           | 50.0        | 47.64       |                | ug/L |   | 95   | 65 - 140    | 3   | 25        |
| Iodomethane                      | 50.0        | 53.35       |                | ug/L |   | 107  | 50 - 150    | 1   | 25        |
| Isobutanol                       | 1240        | 1244        |                | ug/L |   | 100  | 60 - 140    | 3   | 25        |
| Methacrylonitrile                | 500         | 526.1       |                | ug/L |   | 105  | 70 - 130    | 2   | 25        |
| Methyl methacrylate              | 100         | 105.9       |                | ug/L |   | 106  | 70 - 130    | 3   | 25        |
| Methyl tert-butyl ether          | 50.0        | 52.36       |                | ug/L |   | 105  | 70 - 135    | 3   | 25        |
| Methylene Chloride               | 50.0        | 48.09       |                | ug/L |   | 96   | 71 - 125    | 2   | 25        |
| Propionitrile                    | 500         | 496.5       |                | ug/L |   | 99   | 70 - 130    | 4   | 25        |
| Propylbenzene                    | 50.0        | 52.65       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| Styrene                          | 50.0        | 54.23       |                | ug/L |   | 108  | 70 - 130    | 1   | 25        |
| Tetrachloroethene                | 50.0        | 50.83       |                | ug/L |   | 102  | 70 - 130    | 0   | 25        |
| Tetrahydrofuran                  | 100         | 110.5       |                | ug/L |   | 110  | 63 - 130    | 3   | 25        |
| Toluene                          | 50.0        | 50.88       |                | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| trans-1,2-Dichloroethene         | 50.0        | 51.25       |                | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| trans-1,3-Dichloropropene        | 50.0        | 51.93       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| trans-1,4-Dichloro-2-butene      | 50.0        | 53.29       |                | ug/L |   | 107  | 70 - 130    | 2   | 25        |
| Trichloroethene                  | 50.0        | 52.55       |                | ug/L |   | 105  | 70 - 135    | 1   | 25        |
| Trichlorofluoromethane           | 50.0        | 51.56       |                | ug/L |   | 103  | 60 - 140    | 4   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276228/14

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | 250         | 205.5       | *1             | ug/L |   | 82   | 50 - 150    | 26  | 25        |
| Vinyl chloride | 50.0        | 51.99       |                | ug/L |   | 104  | 60 - 140    | 1   | 25        |
| Xylenes, Total | 100         | 105.5       |                | ug/L |   | 106  | 70 - 130    | 2   | 25        |
| m,p-Xylenes    | 0.0500      | 0.05257     |                | mg/L |   | 105  | 70 - 130    | 2   | 25        |
| o-Xylene       | 0.0500      | 0.05297     |                | mg/L |   | 106  | 70 - 130    | 1   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 104            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 101            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 99             |                | 80 - 120 |

Lab Sample ID: 860-115992-C-31 MS

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 48.35     |              | ug/L |   | 97   | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 48.13     |              | ug/L |   | 96   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 47.67     |              | ug/L |   | 95   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 49.04     |              | ug/L |   | 98   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 47.76     |              | ug/L |   | 96   | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 48.01     |              | ug/L |   | 96   | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 46.26     |              | ug/L |   | 93   | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 49.22     |              | ug/L |   | 98   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 50.08     |              | ug/L |   | 100  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 50.76     |              | ug/L |   | 102  | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 49.16     |              | ug/L |   | 98   | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 47.27     |              | ug/L |   | 95   | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 46.88     |              | ug/L |   | 94   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 49.04     |              | ug/L |   | 98   | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 52.95     |              | ug/L |   | 106  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 47.59     |              | ug/L |   | 95   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 241.8     |              | ug/L |   | 97   | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 238.8     |              | ug/L |   | 96   | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 486.2     |              | ug/L |   | 97   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 46.02     |              | ug/L |   | 92   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 250.1     |              | ug/L |   | 100  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 179.5     |              | ug/L |   | 72   | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 497.1     |              | ug/L |   | 99   | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 239.3     |              | ug/L |   | 96   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 490.2     |              | ug/L |   | 98   | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 52.06     |              | ug/L |   | 104  | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 46.34     |              | ug/L |   | 93   | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 47.10     |              | ug/L |   | 94   | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 48.90     |              | ug/L |   | 98   | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 52.23     |              | ug/L |   | 104  | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 47.36     |              | ug/L |   | 95   | 60 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-115992-C-31 MS

Matrix: Water

Analysis Batch: 276228

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Carbon tetrachloride        | <0.896        | U                | 50.0        | 47.58     |              | ug/L |   | 95   | 70 - 130    |
| Chlorobenzene               | <0.455        | U                | 50.0        | 47.41     |              | ug/L |   | 95   | 65 - 135    |
| Chlorodibromomethane        | <0.547        | U                | 50.0        | 47.33     |              | ug/L |   | 95   | 70 - 130    |
| Chloroethane                | <1.98         | U                | 50.0        | 52.13     |              | ug/L |   | 104  | 60 - 140    |
| Chloroform                  | <0.464        | U                | 50.0        | 45.93     |              | ug/L |   | 92   | 70 - 130    |
| Chloromethane               | <2.04         | U                | 50.0        | 48.67     |              | ug/L |   | 97   | 60 - 140    |
| Chloroprene                 | <0.598        | U                | 50.0        | 47.76     |              | ug/L |   | 96   | 70 - 130    |
| cis-1,2-Dichloroethene      | <0.457        | U                | 50.0        | 48.18     |              | ug/L |   | 96   | 70 - 130    |
| cis-1,3-Dichloropropene     | <1.07         | U                | 50.0        | 48.51     |              | ug/L |   | 97   | 70 - 130    |
| Cumene (isopropylbenzene)   | <0.592        | U                | 50.0        | 49.46     |              | ug/L |   | 99   | 70 - 130    |
| Cyclohexane                 | <1.29         | U                | 50.0        | 49.75     |              | ug/L |   | 100  | 65 - 130    |
| Dibromomethane              | <0.357        | U                | 50.0        | 48.37     |              | ug/L |   | 97   | 69 - 130    |
| Dichlorodifluoromethane     | <0.785        | U                | 50.0        | 54.12     |              | ug/L |   | 108  | 50 - 150    |
| Ethyl methacrylate          | <1.12         | U                | 50.0        | 51.28     |              | ug/L |   | 103  | 70 - 130    |
| Ethylbenzene                | <0.385        | U                | 50.0        | 48.03     |              | ug/L |   | 96   | 70 - 130    |
| Hexane                      | <0.517        | U                | 50.0        | 47.89     |              | ug/L |   | 96   | 65 - 140    |
| Iodomethane                 | <5.00         | U                | 50.0        | 50.18     |              | ug/L |   | 100  | 50 - 150    |
| Isobutanol                  | <17.1         | U                | 1240        | 1236      |              | ug/L |   | 100  | 60 - 140    |
| Methacrylonitrile           | <2.72         | U                | 500         | 507.9     |              | ug/L |   | 102  | 70 - 130    |
| Methyl methacrylate         | <2.25         | U                | 100         | 101.2     |              | ug/L |   | 101  | 70 - 130    |
| Methyl tert-butyl ether     | <1.39         | U                | 50.0        | 49.42     |              | ug/L |   | 99   | 70 - 135    |
| Methylene Chloride          | <1.73         | U                | 50.0        | 43.89     |              | ug/L |   | 88   | 71 - 125    |
| Propionitrile               | <3.34         | U                | 500         | 499.2     |              | ug/L |   | 100  | 70 - 130    |
| Propylbenzene               | <0.429        | U                | 50.0        | 48.65     |              | ug/L |   | 97   | 70 - 130    |
| Styrene                     | <0.619        | U                | 50.0        | 49.92     |              | ug/L |   | 100  | 70 - 130    |
| Tetrachloroethene           | <0.655        | U                | 50.0        | 46.68     |              | ug/L |   | 93   | 70 - 130    |
| Tetrahydrofuran             | <1.83         | U                | 100         | 100.9     |              | ug/L |   | 101  | 63 - 130    |
| Toluene                     | <0.475        | U                | 50.0        | 47.26     |              | ug/L |   | 95   | 70 - 130    |
| trans-1,2-Dichloroethene    | <0.368        | U                | 50.0        | 46.96     |              | ug/L |   | 94   | 70 - 130    |
| trans-1,3-Dichloropropene   | <1.27         | U                | 50.0        | 50.13     |              | ug/L |   | 100  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <1.35         | U                | 50.0        | 54.70     |              | ug/L |   | 109  | 70 - 130    |
| Trichloroethene             | <1.50         | U                | 50.0        | 46.25     |              | ug/L |   | 92   | 70 - 135    |
| Trichlorofluoromethane      | <0.560        | U                | 50.0        | 51.07     |              | ug/L |   | 102  | 60 - 140    |
| Vinyl acetate               | <2.14         | U *1             | 250         | 258.2     |              | ug/L |   | 103  | 50 - 150    |
| Vinyl chloride              | <0.428        | U                | 50.0        | 51.51     |              | ug/L |   | 103  | 60 - 140    |
| Xylenes, Total              | <1.24         | U                | 100         | 97.80     |              | ug/L |   | 98   | 70 - 130    |
| m,p-Xylenes                 | <0.00124      | U                | 0.0500      | 0.04891   |              | mg/L |   | 98   | 70 - 130    |
| o-Xylene                    | <0.000502     | U                | 0.0500      | 0.04889   |              | mg/L |   | 98   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 102          |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 100          |              | 80 - 120 |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276237/9

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/17/25 13:05 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:05 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/17/25 13:05 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/17/25 13:05 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/17/25 13:05 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/17/25 13:05 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/17/25 13:05 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/17/25 13:05 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/17/25 13:05 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/17/25 13:05 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276237/9

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/17/25 13:05 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/17/25 13:05 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/17/25 13:05 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/17/25 13:05 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/17/25 13:05 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/17/25 13:05 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/17/25 13:05 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/17/25 13:05 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/17/25 13:05 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/17/25 13:05 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 13:05 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 13:05 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110          |              | 63 - 144 |          | 11/17/25 13:05 | 1       |
| 4-Bromofluorobenzene (Surr)  | 108          |              | 74 - 124 |          | 11/17/25 13:05 | 1       |
| Dibromofluoromethane (Surr)  | 107          |              | 75 - 131 |          | 11/17/25 13:05 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |          | 11/17/25 13:05 | 1       |

Lab Sample ID: LCS 860-276237/3

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 48.72      |               | ug/L |   | 97   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 51.08      |               | ug/L |   | 102  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 44.60      |               | ug/L |   | 89   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 39.70      |               | ug/L |   | 79   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 48.28      |               | ug/L |   | 97   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 50.20      |               | ug/L |   | 100  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 37.53      |               | ug/L |   | 75   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 51.13      |               | ug/L |   | 102  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 46.42      |               | ug/L |   | 93   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 54.55      |               | ug/L |   | 109  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 49.74      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 46.26      |               | ug/L |   | 93   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 49.14      |               | ug/L |   | 98   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 45.69      |               | ug/L |   | 91   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 49.28      |               | ug/L |   | 99   | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276237/3

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 46.44      |               | ug/L |   | 93   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 308.5      |               | ug/L |   | 123  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 283.7      |               | ug/L |   | 113  | 60 - 140    |
| 2-Propanol                       | 500         | 390.1      |               | ug/L |   | 78   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 43.46      |               | ug/L |   | 87   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 288.3      |               | ug/L |   | 115  | 60 - 140    |
| Acetone                          | 250         | 191.5      |               | ug/L |   | 77   | 60 - 140    |
| Acetonitrile                     | 500         | 434.6      |               | ug/L |   | 87   | 60 - 140    |
| Acrolein                         | 250         | 265.2      |               | ug/L |   | 106  | 60 - 140    |
| Acrylonitrile                    | 500         | 444.1      |               | ug/L |   | 89   | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 45.86      |               | ug/L |   | 92   | 70 - 130    |
| Benzene                          | 50.0        | 47.98      |               | ug/L |   | 96   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 51.29      |               | ug/L |   | 103  | 65 - 135    |
| Bromoform                        | 50.0        | 53.17      |               | ug/L |   | 106  | 70 - 130    |
| Bromomethane                     | 50.0        | 48.65      |               | ug/L |   | 97   | 49 - 140    |
| Carbon disulfide                 | 50.0        | 41.47      |               | ug/L |   | 83   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 52.82      |               | ug/L |   | 106  | 70 - 130    |
| Chlorobenzene                    | 50.0        | 45.91      |               | ug/L |   | 92   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 50.22      |               | ug/L |   | 100  | 70 - 130    |
| Chloroethane                     | 50.0        | 41.11      |               | ug/L |   | 82   | 60 - 140    |
| Chloroform                       | 50.0        | 48.63      |               | ug/L |   | 97   | 70 - 130    |
| Chloromethane                    | 50.0        | 42.65      |               | ug/L |   | 85   | 60 - 140    |
| Chloroprene                      | 50.0        | 57.46      |               | ug/L |   | 115  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 50.93      |               | ug/L |   | 102  | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 52.29      |               | ug/L |   | 105  | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 49.60      |               | ug/L |   | 99   | 70 - 130    |
| Cyclohexane                      | 50.0        | 48.61      |               | ug/L |   | 97   | 65 - 130    |
| Dibromomethane                   | 50.0        | 50.49      |               | ug/L |   | 101  | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 56.13      |               | ug/L |   | 112  | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 71.33      | *+            | ug/L |   | 143  | 70 - 130    |
| Ethylbenzene                     | 50.0        | 46.70      |               | ug/L |   | 93   | 70 - 130    |
| Hexane                           | 50.0        | 38.79      |               | ug/L |   | 78   | 65 - 140    |
| Iodomethane                      | 50.0        | 59.50      |               | ug/L |   | 119  | 50 - 150    |
| Isobutanol                       | 1240        | 1280       |               | ug/L |   | 103  | 60 - 140    |
| Methacrylonitrile                | 500         | 515.7      |               | ug/L |   | 103  | 70 - 130    |
| Methyl methacrylate              | 100         | 99.70      |               | ug/L |   | 100  | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 38.39      |               | ug/L |   | 77   | 70 - 135    |
| Methylene Chloride               | 50.0        | 39.63      |               | ug/L |   | 79   | 71 - 125    |
| Propionitrile                    | 500         | 569.8      |               | ug/L |   | 114  | 70 - 130    |
| Propylbenzene                    | 50.0        | 46.58      |               | ug/L |   | 93   | 70 - 130    |
| Styrene                          | 50.0        | 50.62      |               | ug/L |   | 101  | 70 - 130    |
| Tetrachloroethene                | 50.0        | 43.74      |               | ug/L |   | 87   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 105.7      |               | ug/L |   | 106  | 63 - 130    |
| Toluene                          | 50.0        | 46.10      |               | ug/L |   | 92   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 42.07      |               | ug/L |   | 84   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 54.11      |               | ug/L |   | 108  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 64.32      |               | ug/L |   | 129  | 70 - 130    |
| Trichloroethene                  | 50.0        | 48.92      |               | ug/L |   | 98   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 40.40      |               | ug/L |   | 81   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276237/3

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 258.1      |               | ug/L |   | 103  | 50 - 150    |
| Vinyl chloride | 50.0        | 46.96      |               | ug/L |   | 94   | 60 - 140    |
| Xylenes, Total | 100         | 94.62      |               | ug/L |   | 95   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04748    |               | mg/L |   | 95   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04714    |               | mg/L |   | 94   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 108           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 105           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 105           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276237/4

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 51.09       |                | ug/L |   | 102  | 70 - 130    | 5   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 50.16       |                | ug/L |   | 100  | 70 - 130    | 2   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 54.05       |                | ug/L |   | 108  | 70 - 130    | 19  | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 37.73       |                | ug/L |   | 75   | 60 - 140    | 5   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 54.24       |                | ug/L |   | 108  | 70 - 130    | 12  | 25        |
| 1,1-Dichloroethane                    | 50.0        | 49.43       |                | ug/L |   | 99   | 70 - 130    | 2   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 39.07       |                | ug/L |   | 78   | 67 - 130    | 4   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 61.20       |                | ug/L |   | 122  | 70 - 130    | 18  | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 53.95       |                | ug/L |   | 108  | 70 - 130    | 15  | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 58.86       |                | ug/L |   | 118  | 59 - 130    | 8   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 53.75       |                | ug/L |   | 107  | 70 - 130    | 8   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 49.68       |                | ug/L |   | 99   | 70 - 130    | 7   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 50.44       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 53.32       |                | ug/L |   | 107  | 70 - 130    | 15  | 25        |
| 1,3-Butadiene                         | 50.0        | 50.08       |                | ug/L |   | 100  | 60 - 150    | 2   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 44.39       |                | ug/L |   | 89   | 70 - 130    | 5   | 25        |
| 2-Butanone (MEK)                      | 250         | 326.7       |                | ug/L |   | 131  | 67 - 140    | 6   | 25        |
| 2-Hexanone (MBK)                      | 250         | 322.1       |                | ug/L |   | 129  | 60 - 140    | 13  | 25        |
| 2-Propanol                            | 500         | 403.7       |                | ug/L |   | 81   | 50 - 150    | 3   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 45.39       |                | ug/L |   | 91   | 60 - 130    | 4   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 297.6       |                | ug/L |   | 119  | 60 - 140    | 3   | 25        |
| Acetone                               | 250         | 202.0       |                | ug/L |   | 81   | 60 - 140    | 5   | 25        |
| Acetonitrile                          | 500         | 453.9       |                | ug/L |   | 91   | 60 - 140    | 4   | 25        |
| Acrolein                              | 250         | 281.4       |                | ug/L |   | 113  | 60 - 140    | 6   | 25        |
| Acrylonitrile                         | 500         | 467.8       |                | ug/L |   | 94   | 60 - 140    | 5   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 54.21       |                | ug/L |   | 108  | 70 - 130    | 17  | 25        |
| Benzene                               | 50.0        | 47.71       |                | ug/L |   | 95   | 70 - 130    | 1   | 25        |
| Bromodichloromethane                  | 50.0        | 50.51       |                | ug/L |   | 101  | 65 - 135    | 2   | 25        |
| Bromoform                             | 50.0        | 59.41       |                | ug/L |   | 119  | 70 - 130    | 11  | 25        |
| Bromomethane                          | 50.0        | 48.16       |                | ug/L |   | 96   | 49 - 140    | 1   | 25        |
| Carbon disulfide                      | 50.0        | 40.68       |                | ug/L |   | 81   | 60 - 130    | 2   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276237/4

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 52.84       |                | ug/L |   | 106  | 70 - 130    | 0   | 25        |
| Chlorobenzene               | 50.0        | 49.60       |                | ug/L |   | 99   | 65 - 135    | 8   | 25        |
| Chlorodibromomethane        | 50.0        | 53.90       |                | ug/L |   | 108  | 70 - 130    | 7   | 25        |
| Chloroethane                | 50.0        | 42.41       |                | ug/L |   | 85   | 60 - 140    | 3   | 25        |
| Chloroform                  | 50.0        | 48.63       |                | ug/L |   | 97   | 70 - 130    | 0   | 25        |
| Chloromethane               | 50.0        | 42.00       |                | ug/L |   | 84   | 60 - 140    | 2   | 25        |
| Chloroprene                 | 50.0        | 57.59       |                | ug/L |   | 115  | 70 - 130    | 0   | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 51.31       |                | ug/L |   | 103  | 70 - 130    | 1   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 50.74       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 52.82       |                | ug/L |   | 106  | 70 - 130    | 6   | 25        |
| Cyclohexane                 | 50.0        | 45.86       |                | ug/L |   | 92   | 65 - 130    | 6   | 25        |
| Dibromomethane              | 50.0        | 54.05       |                | ug/L |   | 108  | 69 - 130    | 7   | 25        |
| Dichlorodifluoromethane     | 50.0        | 54.25       |                | ug/L |   | 108  | 50 - 150    | 3   | 25        |
| Ethyl methacrylate          | 50.0        | 78.90       |                | ug/L |   | 158  | 70 - 130    | 10  | 25        |
| Ethylbenzene                | 50.0        | 50.65       |                | ug/L |   | 101  | 70 - 130    | 8   | 25        |
| Hexane                      | 50.0        | 38.82       |                | ug/L |   | 78   | 65 - 140    | 0   | 25        |
| Iodomethane                 | 50.0        | 60.17       |                | ug/L |   | 120  | 50 - 150    | 1   | 25        |
| Isobutanol                  | 1240        | 1397        |                | ug/L |   | 113  | 60 - 140    | 9   | 25        |
| Methacrylonitrile           | 500         | 548.6       |                | ug/L |   | 110  | 70 - 130    | 6   | 25        |
| Methyl methacrylate         | 100         | 101.2       |                | ug/L |   | 101  | 70 - 130    | 1   | 25        |
| Methyl tert-butyl ether     | 50.0        | 40.19       |                | ug/L |   | 80   | 70 - 135    | 5   | 25        |
| Methylene Chloride          | 50.0        | 39.77       |                | ug/L |   | 80   | 71 - 125    | 0   | 25        |
| Propionitrile               | 500         | 612.1       |                | ug/L |   | 122  | 70 - 130    | 7   | 25        |
| Propylbenzene               | 50.0        | 53.55       |                | ug/L |   | 107  | 70 - 130    | 14  | 25        |
| Styrene                     | 50.0        | 54.68       |                | ug/L |   | 109  | 70 - 130    | 8   | 25        |
| Tetrachloroethene           | 50.0        | 47.01       |                | ug/L |   | 94   | 70 - 130    | 7   | 25        |
| Tetrahydrofuran             | 100         | 104.3       |                | ug/L |   | 104  | 63 - 130    | 1   | 25        |
| Toluene                     | 50.0        | 48.50       |                | ug/L |   | 97   | 70 - 130    | 5   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 41.19       |                | ug/L |   | 82   | 70 - 130    | 2   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 58.74       |                | ug/L |   | 117  | 70 - 130    | 8   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 74.97       |                | ug/L |   | 150  | 70 - 130    | 15  | 25        |
| Trichloroethene             | 50.0        | 47.54       |                | ug/L |   | 95   | 70 - 135    | 3   | 25        |
| Trichlorofluoromethane      | 50.0        | 37.78       |                | ug/L |   | 76   | 60 - 140    | 7   | 25        |
| Vinyl acetate               | 250         | 256.1       |                | ug/L |   | 102  | 50 - 150    | 1   | 25        |
| Vinyl chloride              | 50.0        | 45.89       |                | ug/L |   | 92   | 60 - 140    | 2   | 25        |
| Xylenes, Total              | 100         | 101.4       |                | ug/L |   | 101  | 70 - 130    | 7   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05156     |                | mg/L |   | 103  | 70 - 130    | 8   | 25        |
| o-Xylene                    | 0.0500      | 0.04988     |                | mg/L |   | 100  | 70 - 130    | 6   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 104            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 108            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 102            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 105            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116480-B-1 MS

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <12.9         | U                | 1000        | 1008      |              | ug/L |   | 101  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <11.7         | U                | 1000        | 1070      |              | ug/L |   | 107  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <9.40         | U                | 1000        | 1059      |              | ug/L |   | 106  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <22.2         | U                | 1000        | 915.7     |              | ug/L |   | 92   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <8.22         | U                | 1000        | 978.8     |              | ug/L |   | 98   | 70 - 130    |
| 1,1-Dichloroethane                    | <12.7         | U                | 1000        | 970.0     |              | ug/L |   | 97   | 70 - 130    |
| 1,1-Dichloroethene                    | <14.8         | U                | 1000        | 826.9     |              | ug/L |   | 83   | 67 - 130    |
| 1,2,3-Trichloropropane                | <9.40         | U                | 1000        | 1033      |              | ug/L |   | 103  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <8.34         | U                | 1000        | 1069      |              | ug/L |   | 107  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <13.4         | U                | 1000        | 1147      |              | ug/L |   | 115  | 59 - 130    |
| 1,2-Dibromoethane                     | <20.0         | U                | 1000        | 1020      |              | ug/L |   | 102  | 70 - 130    |
| 1,2-Dichloroethane                    | <7.44         | U                | 1000        | 1007      |              | ug/L |   | 101  | 70 - 130    |
| 1,2-Dichloropropane                   | <11.1         | U                | 1000        | 1012      |              | ug/L |   | 101  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <8.22         | U                | 1000        | 1056      |              | ug/L |   | 106  | 70 - 130    |
| 1,3-Butadiene                         | <11.4         | U                | 1000        | 1156      |              | ug/L |   | 116  | 60 - 150    |
| 2,2,4-Trimethylpentane                | <10.0         | U                | 1000        | 1092      |              | ug/L |   | 109  | 70 - 130    |
| 2-Butanone (MEK)                      | <166          | U                | 5000        | 5902      |              | ug/L |   | 118  | 67 - 140    |
| 2-Hexanone (MBK)                      | <100          | U                | 5000        | 5746      |              | ug/L |   | 115  | 60 - 140    |
| 2-Propanol                            | <105          | U                | 10000       | 7994      |              | ug/L |   | 80   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <11.9         | U                | 1000        | 896.9     |              | ug/L |   | 90   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <100          | U                | 5000        | 5415      |              | ug/L |   | 108  | 60 - 140    |
| Acetone                               | <61.3         | U                | 5000        | 4263      |              | ug/L |   | 85   | 60 - 140    |
| Acetonitrile                          | <292          | U                | 10000       | 8969      |              | ug/L |   | 90   | 60 - 140    |
| Acrolein                              | <222          | U                | 5000        | 3285      |              | ug/L |   | 66   | 60 - 140    |
| Acrylonitrile                         | <286          | U                | 10000       | 8389      |              | ug/L |   | 84   | 60 - 140    |
| alpha-Chlorotoluene                   | <45.1         | U                | 1000        | 1141      |              | ug/L |   | 114  | 70 - 130    |
| Benzene                               | <9.19         | U                | 1000        | 994.8     |              | ug/L |   | 99   | 70 - 130    |
| Bromodichloromethane                  | <11.0         | U                | 1000        | 1039      |              | ug/L |   | 104  | 65 - 135    |
| Bromoform                             | <12.7         | U                | 1000        | 1025      |              | ug/L |   | 103  | 70 - 130    |
| Bromomethane                          | <28.4         | U                | 1000        | 1010      |              | ug/L |   | 101  | 49 - 140    |
| Carbon disulfide                      | <33.0         | U                | 1000        | 873.4     |              | ug/L |   | 87   | 60 - 130    |
| Carbon tetrachloride                  | <17.9         | U                | 1000        | 1086      |              | ug/L |   | 109  | 70 - 130    |
| Chlorobenzene                         | <9.10         | U                | 1000        | 951.2     |              | ug/L |   | 95   | 65 - 135    |
| Chlorodibromomethane                  | <10.9         | U                | 1000        | 1016      |              | ug/L |   | 102  | 70 - 130    |
| Chloroethane                          | <39.7         | U                | 1000        | 894.3     |              | ug/L |   | 89   | 60 - 140    |
| Chloroform                            | <9.28         | U                | 1000        | 1012      |              | ug/L |   | 101  | 70 - 130    |
| Chloromethane                         | <40.7         | U                | 1000        | 849.4     |              | ug/L |   | 85   | 60 - 140    |
| Chloroprene                           | <12.0         | U                | 1000        | 1202      |              | ug/L |   | 120  | 70 - 130    |
| cis-1,2-Dichloroethene                | <9.14         | U                | 1000        | 1062      |              | ug/L |   | 106  | 70 - 130    |
| cis-1,3-Dichloropropene               | <21.3         | U                | 1000        | 1051      |              | ug/L |   | 105  | 70 - 130    |
| Cumene (isopropylbenzene)             | <11.8         | U                | 1000        | 1063      |              | ug/L |   | 106  | 70 - 130    |
| Cyclohexane                           | <25.7         | U                | 1000        | 1089      |              | ug/L |   | 109  | 65 - 130    |
| Dibromomethane                        | <7.14         | U                | 1000        | 1021      |              | ug/L |   | 102  | 69 - 130    |
| Dichlorodifluoromethane               | <15.7         | U                | 1000        | 1194      |              | ug/L |   | 119  | 50 - 150    |
| Ethyl methacrylate                    | <22.4         | U F1 *+          | 1000        | 1445      | F1           | ug/L |   | 145  | 70 - 130    |
| Ethylbenzene                          | <7.70         | U                | 1000        | 1002      |              | ug/L |   | 100  | 70 - 130    |
| Hexane                                | <10.3         | U                | 1000        | 924.6     |              | ug/L |   | 92   | 65 - 140    |
| Iodomethane                           | <100          | U                | 1000        | 1174      |              | ug/L |   | 117  | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116480-B-1 MS

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                  | <342          | U                | 24800       | 22920     |              | ug/L |   | 92   | 60 - 140    |
| Methacrylonitrile           | <54.3         | U                | 10000       | 9850      |              | ug/L |   | 98   | 70 - 130    |
| Methyl methacrylate         | <45.0         | U                | 2000        | 1864      |              | ug/L |   | 93   | 70 - 130    |
| Methyl tert-butyl ether     | <27.8         | U                | 1000        | 774.0     |              | ug/L |   | 77   | 70 - 135    |
| Methylene Chloride          | <34.5         | U                | 1000        | 815.7     |              | ug/L |   | 82   | 71 - 125    |
| Propionitrile               | <66.8         | U                | 10000       | 10570     |              | ug/L |   | 106  | 70 - 130    |
| Propylbenzene               | <8.58         | U                | 1000        | 1093      |              | ug/L |   | 109  | 70 - 130    |
| Styrene                     | <12.4         | U                | 1000        | 1075      |              | ug/L |   | 107  | 70 - 130    |
| Tetrachloroethene           | <13.1         | U                | 1000        | 937.7     |              | ug/L |   | 94   | 70 - 130    |
| Tetrahydrofuran             | <36.7         | U                | 2000        | 2195      |              | ug/L |   | 110  | 63 - 130    |
| Toluene                     | <9.50         | U                | 1000        | 962.0     |              | ug/L |   | 96   | 70 - 130    |
| trans-1,2-Dichloroethene    | <7.36         | U                | 1000        | 908.8     |              | ug/L |   | 91   | 70 - 130    |
| trans-1,3-Dichloropropene   | <25.3         | U                | 1000        | 1133      |              | ug/L |   | 113  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <27.0         | U F1             | 1000        | 1428      | F1           | ug/L |   | 143  | 70 - 130    |
| Trichloroethene             | <30.0         | U                | 1000        | 949.3     |              | ug/L |   | 95   | 70 - 135    |
| Trichlorofluoromethane      | <11.2         | U                | 1000        | 871.4     |              | ug/L |   | 87   | 60 - 140    |
| Vinyl acetate               | <42.8         | U                | 5000        | 7182      |              | ug/L |   | 144  | 50 - 150    |
| Vinyl chloride              | <8.56         | U                | 1000        | 975.3     |              | ug/L |   | 98   | 60 - 140    |
| Xylenes, Total              | <24.8         | U                | 2000        | 2014      |              | ug/L |   | 101  | 70 - 130    |
| m,p-Xylenes                 | <0.0248       | U                | 1.00        | 1.023     |              | mg/L |   | 102  | 70 - 130    |
| o-Xylene                    | <0.0100       | U                | 1.00        | 0.9914    |              | mg/L |   | 99   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 106          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 109          |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 107          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |

Lab Sample ID: 860-116480-B-1 MSD

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | <12.9         | U                | 1000        | 922.1      |               | ug/L |   | 92   | 70 - 130    | 9   | 25        |
| 1,1,1-Trichloroethane                 | <11.7         | U                | 1000        | 1042       |               | ug/L |   | 104  | 70 - 130    | 3   | 25        |
| 1,1,1,2,2-Tetrachloroethane           | <9.40         | U                | 1000        | 928.8      |               | ug/L |   | 93   | 70 - 130    | 13  | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <22.2         | U                | 1000        | 890.8      |               | ug/L |   | 89   | 60 - 140    | 3   | 25        |
| 1,1,2-Trichloroethane                 | <8.22         | U                | 1000        | 884.5      |               | ug/L |   | 88   | 70 - 130    | 10  | 25        |
| 1,1-Dichloroethane                    | <12.7         | U                | 1000        | 1064       |               | ug/L |   | 106  | 70 - 130    | 9   | 25        |
| 1,1-Dichloroethene                    | <14.8         | U                | 1000        | 815.8      |               | ug/L |   | 82   | 67 - 130    | 1   | 25        |
| 1,2,3-Trichloropropane                | <9.40         | U                | 1000        | 969.5      |               | ug/L |   | 97   | 70 - 130    | 6   | 25        |
| 1,2,4-Trimethylbenzene                | <8.34         | U                | 1000        | 892.1      |               | ug/L |   | 89   | 70 - 130    | 18  | 25        |
| 1,2-Dibromo-3-Chloropropane           | <13.4         | U                | 1000        | 924.2      |               | ug/L |   | 92   | 59 - 130    | 21  | 25        |
| 1,2-Dibromoethane                     | <20.0         | U                | 1000        | 914.0      |               | ug/L |   | 91   | 70 - 130    | 11  | 25        |
| 1,2-Dichloroethane                    | <7.44         | U                | 1000        | 949.0      |               | ug/L |   | 95   | 70 - 130    | 6   | 25        |
| 1,2-Dichloropropane                   | <11.1         | U                | 1000        | 963.6      |               | ug/L |   | 96   | 70 - 130    | 5   | 25        |
| 1,3,5-Trimethylbenzene                | <8.22         | U                | 1000        | 890.5      |               | ug/L |   | 89   | 70 - 130    | 17  | 25        |
| 1,3-Butadiene                         | <11.4         | U                | 1000        | 1095       |               | ug/L |   | 109  | 60 - 150    | 5   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116480-B-1 MSD

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2,2,4-Trimethylpentane           | <10.0         | U                | 1000        | 1025       |               | ug/L |   | 103  | 70 - 130    | 6   | 25        |
| 2-Butanone (MEK)                 | <166          | U                | 5000        | 6151       |               | ug/L |   | 123  | 67 - 140    | 4   | 25        |
| 2-Hexanone (MBK)                 | <100          | U                | 5000        | 5563       |               | ug/L |   | 111  | 60 - 140    | 3   | 25        |
| 2-Propanol                       | <105          | U                | 10000       | 8478       |               | ug/L |   | 85   | 50 - 150    | 6   | 25        |
| 3-Chloropropene (Allyl Chloride) | <11.9         | U                | 1000        | 883.1      |               | ug/L |   | 88   | 60 - 130    | 2   | 25        |
| 4-Methyl-2-pentanone             | <100          | U                | 5000        | 5523       |               | ug/L |   | 110  | 60 - 140    | 2   | 25        |
| Acetone                          | <61.3         | U                | 5000        | 4622       |               | ug/L |   | 92   | 60 - 140    | 8   | 25        |
| Acetonitrile                     | <292          | U                | 10000       | 8831       |               | ug/L |   | 88   | 60 - 140    | 2   | 25        |
| Acrolein                         | <222          | U                | 5000        | 3450       |               | ug/L |   | 69   | 60 - 140    | 5   | 25        |
| Acrylonitrile                    | <286          | U                | 10000       | 8657       |               | ug/L |   | 87   | 60 - 140    | 3   | 25        |
| alpha-Chlorotoluene              | <45.1         | U                | 1000        | 952.5      |               | ug/L |   | 95   | 70 - 130    | 18  | 25        |
| Benzene                          | <9.19         | U                | 1000        | 931.5      |               | ug/L |   | 93   | 70 - 130    | 7   | 25        |
| Bromodichloromethane             | <11.0         | U                | 1000        | 1011       |               | ug/L |   | 101  | 65 - 135    | 3   | 25        |
| Bromoform                        | <12.7         | U                | 1000        | 959.8      |               | ug/L |   | 96   | 70 - 130    | 7   | 25        |
| Bromomethane                     | <28.4         | U                | 1000        | 993.4      |               | ug/L |   | 99   | 49 - 140    | 2   | 25        |
| Carbon disulfide                 | <33.0         | U                | 1000        | 854.0      |               | ug/L |   | 85   | 60 - 130    | 2   | 25        |
| Carbon tetrachloride             | <17.9         | U                | 1000        | 1130       |               | ug/L |   | 113  | 70 - 130    | 4   | 25        |
| Chlorobenzene                    | <9.10         | U                | 1000        | 871.2      |               | ug/L |   | 87   | 65 - 135    | 9   | 25        |
| Chlorodibromomethane             | <10.9         | U                | 1000        | 953.0      |               | ug/L |   | 95   | 70 - 130    | 6   | 25        |
| Chloroethane                     | <39.7         | U                | 1000        | 859.9      |               | ug/L |   | 86   | 60 - 140    | 4   | 25        |
| Chloroform                       | <9.28         | U                | 1000        | 1005       |               | ug/L |   | 100  | 70 - 130    | 1   | 25        |
| Chloromethane                    | <40.7         | U                | 1000        | 830.4      |               | ug/L |   | 83   | 60 - 140    | 2   | 25        |
| Chloroprene                      | <12.0         | U                | 1000        | 1227       |               | ug/L |   | 123  | 70 - 130    | 2   | 25        |
| cis-1,2-Dichloroethene           | <9.14         | U                | 1000        | 1097       |               | ug/L |   | 110  | 70 - 130    | 3   | 25        |
| cis-1,3-Dichloropropene          | <21.3         | U                | 1000        | 1021       |               | ug/L |   | 102  | 70 - 130    | 3   | 25        |
| Cumene (isopropylbenzene)        | <11.8         | U                | 1000        | 954.5      |               | ug/L |   | 95   | 70 - 130    | 11  | 25        |
| Cyclohexane                      | <25.7         | U                | 1000        | 1059       |               | ug/L |   | 106  | 65 - 130    | 3   | 25        |
| Dibromomethane                   | <7.14         | U                | 1000        | 1019       |               | ug/L |   | 102  | 69 - 130    | 0   | 25        |
| Dichlorodifluoromethane          | <15.7         | U                | 1000        | 1113       |               | ug/L |   | 111  | 50 - 150    | 7   | 25        |
| Ethyl methacrylate               | <22.4         | U F1 *+          | 1000        | 1404       | F1            | ug/L |   | 140  | 70 - 130    | 3   | 25        |
| Ethylbenzene                     | <7.70         | U                | 1000        | 917.8      |               | ug/L |   | 92   | 70 - 130    | 9   | 25        |
| Hexane                           | <10.3         | U                | 1000        | 902.1      |               | ug/L |   | 90   | 65 - 140    | 2   | 25        |
| Iodomethane                      | <100          | U                | 1000        | 1208       |               | ug/L |   | 121  | 50 - 150    | 3   | 25        |
| Isobutanol                       | <342          | U                | 24800       | 22200      |               | ug/L |   | 90   | 60 - 140    | 3   | 25        |
| Methacrylonitrile                | <54.3         | U                | 10000       | 10450      |               | ug/L |   | 104  | 70 - 130    | 6   | 25        |
| Methyl methacrylate              | <45.0         | U                | 2000        | 1902       |               | ug/L |   | 95   | 70 - 130    | 2   | 25        |
| Methyl tert-butyl ether          | <27.8         | U                | 1000        | 824.5      |               | ug/L |   | 82   | 70 - 135    | 6   | 25        |
| Methylene Chloride               | <34.5         | U                | 1000        | 790.1      |               | ug/L |   | 79   | 71 - 125    | 3   | 25        |
| Propionitrile                    | <66.8         | U                | 10000       | 10930      |               | ug/L |   | 109  | 70 - 130    | 3   | 25        |
| Propylbenzene                    | <8.58         | U                | 1000        | 897.3      |               | ug/L |   | 90   | 70 - 130    | 20  | 25        |
| Styrene                          | <12.4         | U                | 1000        | 969.3      |               | ug/L |   | 97   | 70 - 130    | 10  | 25        |
| Tetrachloroethene                | <13.1         | U                | 1000        | 892.7      |               | ug/L |   | 89   | 70 - 130    | 5   | 25        |
| Tetrahydrofuran                  | <36.7         | U                | 2000        | 1976       |               | ug/L |   | 99   | 63 - 130    | 10  | 25        |
| Toluene                          | <9.50         | U                | 1000        | 862.8      |               | ug/L |   | 86   | 70 - 130    | 11  | 25        |
| trans-1,2-Dichloroethene         | <7.36         | U                | 1000        | 868.7      |               | ug/L |   | 87   | 70 - 130    | 5   | 25        |
| trans-1,3-Dichloropropene        | <25.3         | U                | 1000        | 1027       |               | ug/L |   | 103  | 70 - 130    | 10  | 25        |
| trans-1,4-Dichloro-2-butene      | <27.0         | U F1             | 1000        | 1184       |               | ug/L |   | 118  | 70 - 130    | 19  | 25        |
| Trichloroethene                  | <30.0         | U                | 1000        | 918.3      |               | ug/L |   | 92   | 70 - 135    | 3   | 25        |
| Trichlorofluoromethane           | <11.2         | U                | 1000        | 839.3      |               | ug/L |   | 84   | 60 - 140    | 4   | 25        |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116480-B-1 MSD

Matrix: Water

Analysis Batch: 276237

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Vinyl acetate  | <42.8         | U                | 5000        | 7349       |               | ug/L |   | 147  | 50 - 150    | 2   | 25        |
| Vinyl chloride | <8.56         | U                | 1000        | 940.5      |               | ug/L |   | 94   | 60 - 140    | 4   | 25        |
| Xylenes, Total | <24.8         | U                | 2000        | 1818       |               | ug/L |   | 91   | 70 - 130    | 10  | 25        |
| m,p-Xylenes    | <0.0248       | U                | 1.00        | 0.9173     |               | mg/L |   | 92   | 70 - 130    | 11  | 25        |
| o-Xylene       | <0.0100       | U                | 1.00        | 0.9006     |               | mg/L |   | 90   | 70 - 130    | 10  | 25        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | MSD Limits |
|------------------------------|---------------|---------------|------------|
| 1,2-Dichloroethane-d4 (Surr) | 104           |               | 63 - 144   |
| 4-Bromofluorobenzene (Surr)  | 106           |               | 74 - 124   |
| Dibromofluoromethane (Surr)  | 109           |               | 75 - 131   |
| Toluene-d8 (Surr)            | 98            |               | 80 - 120   |

Lab Sample ID: MB 860-276330/7

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,1,1-Trichloroethane               | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,1,2,2-Tetrachloroethane           | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/17/25 13:07 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/17/25 13:07 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/17/25 13:07 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/17/25 13:07 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/17/25 13:07 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/17/25 13:07 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/17/25 13:07 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/17/25 13:07 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276330/7

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Carbon tetrachloride        | <0.896    | U            | 2.00    | 0.896    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chlorobenzene               | <0.455    | U            | 1.00    | 0.455    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chlorodibromomethane        | <0.547    | U            | 5.00    | 0.547    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloroethane                | <1.98     | U            | 10.0    | 1.98     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloroform                  | <0.464    | U            | 1.00    | 0.464    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloromethane               | <2.04     | U            | 10.0    | 2.04     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Chloroprene                 | <0.598    | U            | 5.00    | 0.598    | ug/L |   |          | 11/17/25 13:07 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U            | 1.00    | 0.457    | ug/L |   |          | 11/17/25 13:07 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U            | 5.00    | 1.07     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U            | 1.00    | 0.592    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Cyclohexane                 | <1.29     | U            | 5.00    | 1.29     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Dibromomethane              | <0.357    | U            | 1.00    | 0.357    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Dichlorodifluoromethane     | <0.785    | U            | 1.00    | 0.785    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Ethyl methacrylate          | <1.12     | U            | 5.00    | 1.12     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Ethylbenzene                | <0.385    | U            | 1.00    | 0.385    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Hexane                      | <0.517    | U            | 5.00    | 0.517    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Iodomethane                 | <5.00     | U            | 20.0    | 5.00     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/17/25 13:07 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/17/25 13:07 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/17/25 13:07 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/17/25 13:07 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/17/25 13:07 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/17/25 13:07 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/17/25 13:07 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/17/25 13:07 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89           |              | 63 - 144 |          | 11/17/25 13:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 87           |              | 74 - 124 |          | 11/17/25 13:07 | 1       |
| Dibromofluoromethane (Surr)  | 128          |              | 75 - 131 |          | 11/17/25 13:07 | 1       |
| Toluene-d8 (Surr)            | 104          |              | 80 - 120 |          | 11/17/25 13:07 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276330/3

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.24      |               | ug/L |   | 94   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 52.51      |               | ug/L |   | 105  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.99      |               | ug/L |   | 92   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 54.56      |               | ug/L |   | 109  | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 54.43      |               | ug/L |   | 109  | 70 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 40.46      |               | ug/L |   | 81   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 49.29      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 43.86      |               | ug/L |   | 88   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 50.14      |               | ug/L |   | 100  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 41.28      |               | ug/L |   | 83   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.55      |               | ug/L |   | 95   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 53.13      |               | ug/L |   | 106  | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 54.76      |               | ug/L |   | 110  | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 207.2      |               | ug/L |   | 83   | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 162.5      |               | ug/L |   | 65   | 60 - 140    |
| 2-Propanol                            | 500         | 427.9      |               | ug/L |   | 86   | 50 - 150    |
| Acetone                               | 250         | 267.0      |               | ug/L |   | 107  | 60 - 140    |
| Acrolein                              | 250         | 237.9      |               | ug/L |   | 95   | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 56.02      |               | ug/L |   | 112  | 70 - 130    |
| Benzene                               | 50.0        | 55.17      |               | ug/L |   | 110  | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 48.73      |               | ug/L |   | 97   | 65 - 135    |
| Bromoform                             | 50.0        | 45.66      |               | ug/L |   | 91   | 70 - 130    |
| Bromomethane                          | 50.0        | 29.85      |               | ug/L |   | 60   | 49 - 140    |
| Carbon tetrachloride                  | 50.0        | 50.61      |               | ug/L |   | 101  | 70 - 130    |
| Chlorobenzene                         | 50.0        | 49.26      |               | ug/L |   | 99   | 65 - 135    |
| Chlorodibromomethane                  | 50.0        | 52.63      |               | ug/L |   | 105  | 70 - 130    |
| Chloroethane                          | 50.0        | 46.96      |               | ug/L |   | 94   | 60 - 140    |
| Chloroform                            | 50.0        | 57.11      |               | ug/L |   | 114  | 70 - 130    |
| cis-1,3-Dichloropropene               | 50.0        | 53.52      |               | ug/L |   | 107  | 70 - 130    |
| Cumene (isopropylbenzene)             | 50.0        | 47.49      |               | ug/L |   | 95   | 70 - 130    |
| Dibromomethane                        | 50.0        | 48.18      |               | ug/L |   | 96   | 69 - 130    |
| Dichlorodifluoromethane               | 50.0        | 24.86      |               | ug/L |   | 50   | 50 - 150    |
| Ethyl methacrylate                    | 50.0        | 36.75      |               | ug/L |   | 74   | 70 - 130    |
| Ethylbenzene                          | 50.0        | 48.13      |               | ug/L |   | 96   | 70 - 130    |
| Hexane                                | 50.0        | 49.72      |               | ug/L |   | 99   | 65 - 140    |
| Iodomethane                           | 50.0        | 44.41      |               | ug/L |   | 89   | 50 - 150    |
| Methacrylonitrile                     | 500         | 550.9      |               | ug/L |   | 110  | 70 - 130    |
| Methyl methacrylate                   | 100         | 73.81      |               | ug/L |   | 74   | 70 - 130    |
| Methyl tert-butyl ether               | 50.0        | 46.34      |               | ug/L |   | 93   | 70 - 135    |
| Propylbenzene                         | 50.0        | 47.37      |               | ug/L |   | 95   | 70 - 130    |
| Styrene                               | 50.0        | 52.85      |               | ug/L |   | 106  | 70 - 130    |
| Tetrachloroethene                     | 50.0        | 44.42      |               | ug/L |   | 89   | 70 - 130    |
| Tetrahydrofuran                       | 100         | 103.2      |               | ug/L |   | 103  | 63 - 130    |
| Toluene                               | 50.0        | 51.17      |               | ug/L |   | 102  | 70 - 130    |
| trans-1,3-Dichloropropene             | 50.0        | 51.64      |               | ug/L |   | 103  | 70 - 130    |
| trans-1,4-Dichloro-2-butene           | 50.0        | 35.72      |               | ug/L |   | 71   | 70 - 130    |
| Trichloroethene                       | 50.0        | 51.62      |               | ug/L |   | 103  | 70 - 135    |
| Trichlorofluoromethane                | 50.0        | 43.59      |               | ug/L |   | 87   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276330/3

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 288.7      |               | ug/L |   | 115  | 50 - 150    |
| Vinyl chloride | 50.0        | 47.89      |               | ug/L |   | 96   | 60 - 140    |
| Xylenes, Total | 100         | 94.82      |               | ug/L |   | 95   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04704    |               | mg/L |   | 94   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04778    |               | mg/L |   | 96   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 80            |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 91            |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 120           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 103           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276330/4

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 51.93       |                | ug/L |   | 104  | 70 - 130    | 9   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 57.34       |                | ug/L |   | 115  | 70 - 130    | 9   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 48.85       |                | ug/L |   | 98   | 70 - 130    | 6   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 65.43       |                | ug/L |   | 131  | 60 - 140    | 18  | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 59.39       |                | ug/L |   | 119  | 70 - 130    | 9   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 43.52       |                | ug/L |   | 87   | 70 - 130    | 7   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 51.89       |                | ug/L |   | 104  | 70 - 130    | 5   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 46.74       |                | ug/L |   | 93   | 59 - 130    | 6   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 54.89       |                | ug/L |   | 110  | 70 - 130    | 9   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 46.54       |                | ug/L |   | 93   | 70 - 130    | 12  | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 50.24       |                | ug/L |   | 100  | 70 - 130    | 6   | 25        |
| 1,3-Butadiene                         | 50.0        | 63.22       |                | ug/L |   | 126  | 60 - 150    | 17  | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 55.98       |                | ug/L |   | 112  | 70 - 130    | 2   | 25        |
| 2-Butanone (MEK)                      | 250         | 266.2       |                | ug/L |   | 106  | 67 - 140    | 25  | 25        |
| 2-Hexanone (MBK)                      | 250         | 178.4       |                | ug/L |   | 71   | 60 - 140    | 9   | 25        |
| 2-Propanol                            | 500         | 515.5       |                | ug/L |   | 103  | 50 - 150    | 19  | 25        |
| Acetone                               | 250         | 325.3       |                | ug/L |   | 130  | 60 - 140    | 20  | 25        |
| Acrolein                              | 250         | 303.8       |                | ug/L |   | 122  | 60 - 140    | 24  | 25        |
| alpha-Chlorotoluene                   | 50.0        | 59.35       |                | ug/L |   | 119  | 70 - 130    | 6   | 25        |
| Benzene                               | 50.0        | 58.69       |                | ug/L |   | 117  | 70 - 130    | 6   | 25        |
| Bromodichloromethane                  | 50.0        | 53.64       |                | ug/L |   | 107  | 65 - 135    | 10  | 25        |
| Bromoform                             | 50.0        | 48.62       |                | ug/L |   | 97   | 70 - 130    | 6   | 25        |
| Bromomethane                          | 50.0        | 35.42       |                | ug/L |   | 71   | 49 - 140    | 17  | 25        |
| Carbon tetrachloride                  | 50.0        | 53.51       |                | ug/L |   | 107  | 70 - 130    | 6   | 25        |
| Chlorobenzene                         | 50.0        | 53.18       |                | ug/L |   | 106  | 65 - 135    | 8   | 25        |
| Chlorodibromomethane                  | 50.0        | 56.71       |                | ug/L |   | 113  | 70 - 130    | 7   | 25        |
| Chloroethane                          | 50.0        | 52.20       |                | ug/L |   | 104  | 60 - 140    | 11  | 25        |
| Chloroform                            | 50.0        | 62.37       |                | ug/L |   | 125  | 70 - 130    | 9   | 25        |
| cis-1,3-Dichloropropene               | 50.0        | 58.57       |                | ug/L |   | 117  | 70 - 130    | 9   | 25        |
| Cumene (isopropylbenzene)             | 50.0        | 50.53       |                | ug/L |   | 101  | 70 - 130    | 6   | 25        |
| Dibromomethane                        | 50.0        | 53.94       |                | ug/L |   | 108  | 69 - 130    | 11  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276330/4

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Dichlorodifluoromethane     | 50.0        | 28.07       |                | ug/L |   | 56   | 50 - 150    | 12  | 25        |
| Ethyl methacrylate          | 50.0        | 39.86       |                | ug/L |   | 80   | 70 - 130    | 8   | 25        |
| Ethylbenzene                | 50.0        | 51.64       |                | ug/L |   | 103  | 70 - 130    | 7   | 25        |
| Hexane                      | 50.0        | 64.01       |                | ug/L |   | 128  | 65 - 140    | 25  | 25        |
| Iodomethane                 | 50.0        | 56.08       |                | ug/L |   | 112  | 50 - 150    | 23  | 25        |
| Methacrylonitrile           | 500         | 609.7       |                | ug/L |   | 122  | 70 - 130    | 10  | 25        |
| Methyl methacrylate         | 100         | 82.29       |                | ug/L |   | 82   | 70 - 130    | 11  | 25        |
| Methyl tert-butyl ether     | 50.0        | 58.51       |                | ug/L |   | 117  | 70 - 135    | 23  | 25        |
| Propylbenzene               | 50.0        | 50.12       |                | ug/L |   | 100  | 70 - 130    | 6   | 25        |
| Styrene                     | 50.0        | 57.38       |                | ug/L |   | 115  | 70 - 130    | 8   | 25        |
| Tetrachloroethene           | 50.0        | 47.52       |                | ug/L |   | 95   | 70 - 130    | 7   | 25        |
| Tetrahydrofuran             | 100         | 113.9       |                | ug/L |   | 114  | 63 - 130    | 10  | 25        |
| Toluene                     | 50.0        | 54.23       |                | ug/L |   | 108  | 70 - 130    | 6   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 56.08       |                | ug/L |   | 112  | 70 - 130    | 8   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 37.47       |                | ug/L |   | 75   | 70 - 130    | 5   | 25        |
| Trichloroethene             | 50.0        | 56.11       |                | ug/L |   | 112  | 70 - 135    | 8   | 25        |
| Trichlorofluoromethane      | 50.0        | 47.27       |                | ug/L |   | 95   | 60 - 140    | 8   | 25        |
| Vinyl acetate               | 250         | 368.2       |                | ug/L |   | 147  | 50 - 150    | 24  | 25        |
| Vinyl chloride              | 50.0        | 56.54       |                | ug/L |   | 113  | 60 - 140    | 17  | 25        |
| Xylenes, Total              | 100         | 101.3       |                | ug/L |   | 101  | 70 - 130    | 7   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05002     |                | mg/L |   | 100  | 70 - 130    | 6   | 25        |
| o-Xylene                    | 0.0500      | 0.05128     |                | mg/L |   | 103  | 70 - 130    | 7   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 84             |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 91             |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 122            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 860-115835-A-8 MS

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                                    | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane - DL             | <644          | U                | 50000       | 50240     |              | ug/L |   | 100  | 70 - 130    |
| 1,1,1-Trichloroethane - DL                 | <585          | U                | 50000       | 54840     |              | ug/L |   | 110  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane - DL             | <470          | U                | 50000       | 50160     |              | ug/L |   | 100  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane - DL | <1110         | U                | 50000       | 60910     |              | ug/L |   | 122  | 60 - 140    |
| 1,1,2-Trichloroethane - DL                 | <411          | U                | 50000       | 58530     |              | ug/L |   | 117  | 70 - 130    |
| 1,1-Dichloroethane - DL                    | <635          | U *              | 50000       | 64850     |              | ug/L |   | 130  | 70 - 130    |
| 1,1-Dichloroethene - DL                    | <738          | U *+ F1          | 50000       | 66650     | F1           | ug/L |   | 133  | 67 - 130    |
| 1,2,3-Trichloropropane - DL                | <470          | U                | 50000       | 43930     |              | ug/L |   | 88   | 70 - 130    |
| 1,2,4-Trimethylbenzene - DL                | 3000          |                  | 50000       | 55480     |              | ug/L |   | 105  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane - DL           | <671          | U                | 50000       | 52590     |              | ug/L |   | 105  | 59 - 130    |
| 1,2-Dibromoethane - DL                     | <999          | U                | 50000       | 53370     |              | ug/L |   | 107  | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-115835-A-8 MS

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,2-Dichloroethane - DL               | <372          | U                | 50000       | 43770     |              | ug/L |   | 88   | 70 - 130    |
| 1,2-Dichloropropane - DL              | <556          | U **             | 50000       | 61080     |              | ug/L |   | 122  | 70 - 130    |
| 1,3,5-Trimethylbenzene - DL           | 947           | J                | 50000       | 50980     |              | ug/L |   | 100  | 70 - 130    |
| 1,3-Butadiene - DL                    | <568          | U                | 50000       | 70520     |              | ug/L |   | 141  | 60 - 150    |
| 2,2,4-Trimethylpentane - DL           | 2130          | J                | 50000       | 58200     |              | ug/L |   | 112  | 70 - 130    |
| 2-Butanone (MEK) - DL                 | <8280         | U                | 250000      | 253700    |              | ug/L |   | 101  | 67 - 140    |
| 2-Hexanone (MBK) - DL                 | <5000         | U                | 250000      | 169700    |              | ug/L |   | 68   | 60 - 140    |
| 2-Propanol - DL                       | <5230         | U                | 500000      | 552700    |              | ug/L |   | 111  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) - DL | <597          | U ** F1 *1       | 50000       | 81660     | F1           | ug/L |   | 163  | 60 - 130    |
| 4-Methyl-2-pentanone - DL             | <5000         | U *-             | 250000      | 161400    |              | ug/L |   | 65   | 60 - 140    |
| Acetone - DL                          | <3070         | U                | 250000      | 271600    |              | ug/L |   | 109  | 60 - 140    |
| Acetonitrile - DL                     | <14600        | U ** F1 *1       | 500000      | 800100    | F1           | ug/L |   | 160  | 60 - 140    |
| Acrolein - DL                         | <11100        | U                | 250000      | 284300    |              | ug/L |   | 114  | 60 - 140    |
| Acrylonitrile - DL                    | <14300        | U *1             | 500000      | 618800    |              | ug/L |   | 124  | 60 - 140    |
| alpha-Chlorotoluene - DL              | <2260         | U                | 50000       | 60740     |              | ug/L |   | 121  | 70 - 130    |
| Benzene - DL                          | 9760          |                  | 50000       | 66080     |              | ug/L |   | 113  | 70 - 130    |
| Bromodichloromethane - DL             | <552          | U                | 50000       | 49600     |              | ug/L |   | 99   | 65 - 135    |
| Bromoform - DL                        | <633          | U                | 50000       | 46390     |              | ug/L |   | 93   | 70 - 130    |
| Bromomethane - DL                     | <1420         | U                | 50000       | 34140     |              | ug/L |   | 68   | 49 - 140    |
| Carbon disulfide - DL                 | <1650         | U ** F1          | 50000       | 70470     | F1           | ug/L |   | 141  | 60 - 130    |
| Carbon tetrachloride - DL             | <896          | U                | 50000       | 51200     |              | ug/L |   | 102  | 70 - 130    |
| Chlorobenzene - DL                    | <455          | U                | 50000       | 51990     |              | ug/L |   | 104  | 65 - 135    |
| Chlorodibromomethane - DL             | <547          | U                | 50000       | 54110     |              | ug/L |   | 108  | 70 - 130    |
| Chloroethane - DL                     | <1980         | U                | 50000       | 57680     |              | ug/L |   | 115  | 60 - 140    |
| Chloroform - DL                       | <464          | U                | 50000       | 59290     |              | ug/L |   | 119  | 70 - 130    |
| Chloromethane - DL                    | <2040         | U ** F1          | 50000       | 74920     | F1           | ug/L |   | 150  | 60 - 140    |
| Chloroprene - DL                      | <598          | U **             | 50000       | 62170     |              | ug/L |   | 124  | 70 - 130    |
| cis-1,2-Dichloroethene - DL           | <457          | U **             | 50000       | 62430     |              | ug/L |   | 125  | 70 - 130    |
| cis-1,3-Dichloropropene - DL          | <1070         | U                | 50000       | 54120     |              | ug/L |   | 108  | 70 - 130    |
| Cumene (isopropylbenzene) - DL        | <592          | U                | 50000       | 48930     |              | ug/L |   | 98   | 70 - 130    |
| Cyclohexane - DL                      | 2080          | J **             | 50000       | 66370     |              | ug/L |   | 129  | 65 - 130    |
| Dibromomethane - DL                   | <357          | U                | 50000       | 49850     |              | ug/L |   | 100  | 69 - 130    |
| Dichlorodifluoromethane - DL          | <785          | U                | 50000       | 34250     |              | ug/L |   | 68   | 50 - 150    |
| Ethyl methacrylate - DL               | <1120         | U                | 50000       | 38740     |              | ug/L |   | 77   | 70 - 130    |
| Ethylbenzene - DL                     | 5670          |                  | 50000       | 56030     |              | ug/L |   | 101  | 70 - 130    |
| Hexane - DL                           | <517          | U                | 50000       | 60860     |              | ug/L |   | 122  | 65 - 140    |
| Iodomethane - DL                      | <5000         | U                | 50000       | 50890     |              | ug/L |   | 102  | 50 - 150    |
| Isobutanol - DL                       | <17100        | U *- F1          | 1240000     | 642700    | F1           | ug/L |   | 52   | 60 - 140    |
| Methacrylonitrile - DL                | <2720         | U                | 500000      | 597900    |              | ug/L |   | 120  | 70 - 130    |
| Methyl methacrylate - DL              | <2250         | U                | 100000      | 83230     |              | ug/L |   | 83   | 70 - 130    |
| Methyl tert-butyl ether - DL          | <1390         | U                | 50000       | 55980     |              | ug/L |   | 112  | 70 - 135    |
| Methylene Chloride - DL               | <1730         | U ** F1 *1       | 50000       | 67150     | F1           | ug/L |   | 134  | 71 - 125    |
| Propionitrile - DL                    | 4190          | J **             | 500000      | 636700    |              | ug/L |   | 127  | 70 - 130    |
| Propylbenzene - DL                    | 486           | J                | 50000       | 49990     |              | ug/L |   | 99   | 70 - 130    |
| Styrene - DL                          | <619          | U                | 50000       | 54050     |              | ug/L |   | 108  | 70 - 130    |
| Tetrachloroethene - DL                | <655          | U                | 50000       | 47770     |              | ug/L |   | 96   | 70 - 130    |
| Tetrahydrofuran - DL                  | <1830         | U                | 100000      | 112500    |              | ug/L |   | 112  | 63 - 130    |
| Toluene - DL                          | 43100         |                  | 50000       | 94970     |              | ug/L |   | 104  | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-115835-A-8 MS

Matrix: Water

Analysis Batch: 276330

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| trans-1,2-Dichloroethene - DL    | <368          | U *+ F1          | 50000       | 67250     | F1           | ug/L |   | 135  | 70 - 130    |
| trans-1,3-Dichloropropene - DL   | <1270         | U                | 50000       | 54280     |              | ug/L |   | 109  | 70 - 130    |
| trans-1,4-Dichloro-2-butene - DL | <1350         | U                | 50000       | 38040     |              | ug/L |   | 76   | 70 - 130    |
| Trichloroethene - DL             | <1500         | U                | 50000       | 53700     |              | ug/L |   | 107  | 70 - 135    |
| Trichlorofluoromethane - DL      | <560          | U                | 50000       | 52070     |              | ug/L |   | 104  | 60 - 140    |
| Vinyl acetate - DL               | <2140         | U                | 250000      | 344500    |              | ug/L |   | 138  | 50 - 150    |
| Vinyl chloride - DL              | <428          | U                | 50000       | 62250     |              | ug/L |   | 125  | 60 - 140    |
| Xylenes, Total - DL              | 23100         |                  | 100000      | 121000    |              | ug/L |   | 98   | 70 - 130    |
| m,p-Xylenes - DL                 | 16.3          |                  | 50.0        | 64.81     |              | mg/L |   | 97   | 70 - 130    |
| o-Xylene - DL                    | 6.80          |                  | 50.0        | 56.18     |              | mg/L |   | 99   | 70 - 130    |

| Surrogate                         | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) - DL | 80           |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr) - DL  | 91           |              | 74 - 124 |
| Dibromofluoromethane (Surr) - DL  | 117          |              | 75 - 131 |
| Toluene-d8 (Surr) - DL            | 104          |              | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,1'-Biphenyl               | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                  | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,2,4,5-Tetrachlorobenzene       | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3,5-Trinitrobenzene            | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,3-Dinitrobenzene               | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1,4-Naphthoquinone               | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 1-Naphthylamine                  | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2,6-Dichlorophenol               | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Acetylaminofluorene            | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Chlorophenol                   | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Naphthylamine                  | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Picoline                       | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Toluidine                      | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dichlorobenzidine           | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3,3'-Dimethylbenzidine           | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 3-Methylcholanthrene             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 1                   | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite Peak 2                   | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Aramite, Total                   | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate                         | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 1                  | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Diallate Peak 2                  | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dimethoate                       | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Dinoseb                          | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Disulfoton                       | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl methanesulfonate           | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Ethyl Parathion                  | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Famphur                          | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Hexachloropropene                | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole                       | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 1                | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Isosafrole Peak 2                | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methapyrilene                    | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl methanesulfonate          | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Methyl parathion                 | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodiethylamine            | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodimethylamine           | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomethylethylamine        | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosomorpholine              | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| N-Nitrosopyrrolidine             | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte         | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Safrrole, Total | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Sulfotepp       | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Thionazin       | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59           |              | 26 - 136 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorobiphenyl            | 72           |              | 39 - 130 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| 2-Fluorophenol (Surr)       | 74           |              | 19 - 120 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 74           |              | 32 - 133 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| Phenol-d5 (Surr)            | 69           |              | 8 - 124  | 11/13/25 14:11 | 11/14/25 17:03 | 1       |
| p-Terphenyl-d14             | 73           |              | 28 - 130 | 11/13/25 14:11 | 11/14/25 17:03 | 1       |

Lab Sample ID: MB 860-275662/1-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45  | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15  | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Methapyrilene                       | <1.52     | U            | 2.29  | 1.52  | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76  | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| o,o',o''-Triethylphosphorothioate   | <0.132    | U            | 0.571 | 0.132 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61  | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Sulfotepp                           | <0.471    | U            | 1.14  | 0.471 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Thionazin                           | <0.340    | U            | 1.14  | 0.340 | ug/L |   | 11/13/25 14:11 | 11/17/25 15:32 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59           |              | 26 - 136 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorobiphenyl            | 64           |              | 39 - 130 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| 2-Fluorophenol (Surr)       | 73           |              | 19 - 120 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Nitrobenzene-d5 (Surr)      | 61           |              | 32 - 133 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| Phenol-d5 (Surr)            | 57           |              | 8 - 124  | 11/13/25 14:11 | 11/17/25 15:32 | 1       |
| p-Terphenyl-d14             | 66           |              | 28 - 130 | 11/13/25 14:11 | 11/17/25 15:32 | 1       |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.890      |               | ug/L |   | 86   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 4.797      |               | ug/L |   | 84   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 4.784      |               | ug/L |   | 84   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 4.719      |               | ug/L |   | 83   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.713      |               | ug/L |   | 82   | 65 - 145    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,4,5-Trichlorophenol       | 5.71        | 5.156      |               | ug/L |   | 90   | 58 - 150    |
| 2,4,6-Trichlorophenol       | 5.71        | 4.700      |               | ug/L |   | 82   | 39 - 145    |
| 2,4-Dichlorophenol          | 5.71        | 4.412      |               | ug/L |   | 77   | 60 - 147    |
| 2,4-Dimethylphenol          | 5.71        | 4.495      |               | ug/L |   | 79   | 58 - 140    |
| 1,4-Dioxane                 | 5.71        | 3.630      |               | ug/L |   | 64   | 31 - 145    |
| 2,4-Dinitrophenol           | 5.71        | 5.424      | J             | ug/L |   | 95   | 10 - 150    |
| 2,4-Dinitrotoluene          | 5.71        | 5.095      |               | ug/L |   | 89   | 29 - 150    |
| 2,6-Dinitrotoluene          | 5.71        | 5.087      |               | ug/L |   | 89   | 55 - 150    |
| 2-Chloronaphthalene         | 5.71        | 4.521      |               | ug/L |   | 79   | 39 - 141    |
| 2-Methylnaphthalene         | 5.71        | 4.571      |               | ug/L |   | 80   | 33 - 149    |
| 2-Methylphenol              | 5.71        | 5.441      |               | ug/L |   | 95   | 49 - 140    |
| 2-Nitroaniline              | 5.71        | 5.111      |               | ug/L |   | 89   | 42 - 150    |
| 2-Nitrophenol               | 5.71        | 5.360      |               | ug/L |   | 94   | 43 - 150    |
| 3 & 4 Methylphenol          | 5.71        | 4.462      |               | ug/L |   | 78   | 39 - 142    |
| 3-Nitroaniline              | 5.71        | 3.469      |               | ug/L |   | 61   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol  | 5.71        | 4.848      |               | ug/L |   | 85   | 10 - 150    |
| 4-Bromophenyl phenyl ether  | 5.71        | 4.872      |               | ug/L |   | 85   | 56 - 136    |
| 4-Chloro-3-methylphenol     | 5.71        | 4.498      |               | ug/L |   | 79   | 52 - 137    |
| 4-Chloroaniline             | 5.71        | 1.938      |               | ug/L |   | 34   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | 5.71        | 4.612      |               | ug/L |   | 81   | 53 - 134    |
| 4-Nitroaniline              | 5.71        | 4.549      |               | ug/L |   | 80   | 45 - 148    |
| Acenaphthene                | 5.71        | 4.673      |               | ug/L |   | 82   | 48 - 136    |
| Acenaphthylene              | 5.71        | 4.525      |               | ug/L |   | 79   | 40 - 149    |
| Aniline                     | 5.71        | 0.8245     | J             | ug/L |   | 14   | 10 - 73     |
| Anthracene                  | 5.71        | 4.865      |               | ug/L |   | 85   | 51 - 146    |
| Benzo[a]anthracene          | 5.71        | 4.592      |               | ug/L |   | 80   | 43 - 145    |
| Benzo[a]pyrene              | 5.71        | 4.904      |               | ug/L |   | 86   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 4.863      |               | ug/L |   | 85   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 4.552      | I             | ug/L |   | 80   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.592      |               | ug/L |   | 80   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 2.638      | J             | ug/L |   | 46   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.728      |               | ug/L |   | 83   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 5.141      |               | ug/L |   | 90   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.972      |               | ug/L |   | 70   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.799      |               | ug/L |   | 84   | 60 - 150    |
| Chrysene                    | 5.71        | 4.820      |               | ug/L |   | 84   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.820      |               | ug/L |   | 84   | 50 - 147    |
| Dibenzofuran                | 5.71        | 4.957      |               | ug/L |   | 87   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.636      |               | ug/L |   | 81   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.703      |               | ug/L |   | 82   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.672      |               | ug/L |   | 82   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 4.969      |               | ug/L |   | 87   | 55 - 150    |
| Fluoranthene                | 5.71        | 4.611      |               | ug/L |   | 81   | 50 - 144    |
| Fluorene                    | 5.71        | 4.656      |               | ug/L |   | 81   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 4.878      |               | ug/L |   | 85   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 4.550      |               | ug/L |   | 80   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 5.403      |               | ug/L |   | 95   | 24 - 150    |
| Hexachloroethane            | 5.71        | 5.028      |               | ug/L |   | 88   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.646      |               | ug/L |   | 81   | 46 - 138    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Isophorone                     | 5.71        | 4.518      |               | ug/L |   | 79   | 48 - 147    |
| Naphthalene                    | 5.71        | 4.538      |               | ug/L |   | 79   | 35 - 141    |
| Nitrobenzene                   | 5.71        | 4.976      |               | ug/L |   | 87   | 52 - 141    |
| N-Nitrosodi-n-propylamine      | 5.71        | 4.909      |               | ug/L |   | 86   | 41 - 137    |
| N-Nitrosodiphenylamine         | 5.71        | 4.835      |               | ug/L |   | 85   | 51 - 135    |
| Pentachlorophenol              | 5.71        | 4.419      |               | ug/L |   | 77   | 33 - 150    |
| Phenanthrene                   | 5.71        | 4.998      |               | ug/L |   | 87   | 54 - 141    |
| Phenol                         | 5.71        | 4.213      |               | ug/L |   | 74   | 40 - 145    |
| Pyrene                         | 5.71        | 4.870      |               | ug/L |   | 85   | 50 - 143    |
| Pyridine                       | 5.71        | <0.837     | U             | ug/L |   | 10   | 10 - 84     |
| N-Nitro-o-toluidine            | 5.71        | 3.433      |               | ug/L |   | 60   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol      | 5.71        | 5.278      |               | ug/L |   | 92   | 60 - 150    |
| Acetophenone                   | 5.71        | 3.671      |               | ug/L |   | 64   | 52 - 136    |
| N-Nitrosopiperidine            | 5.71        | 3.571      |               | ug/L |   | 62   | 36 - 148    |
| Pentachlorobenzene             | 5.71        | 3.768      |               | ug/L |   | 66   | 52 - 128    |
| Diphenyl ether                 | 5.71        | 3.685      |               | ug/L |   | 64   | 46 - 130    |
| 1,1'-Biphenyl                  | 5.71        | 3.574      |               | ug/L |   | 63   | 39 - 142    |
| 4-Aminobiphenyl                | 5.71        | 1.476      |               | ug/L |   | 26   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene     | 5.71        | 3.759      |               | ug/L |   | 66   | 46 - 125    |
| 1,3,5-Trinitrobenzene          | 5.71        | 3.670      |               | ug/L |   | 64   | 42 - 130    |
| 1,3-Dinitrobenzene             | 5.71        | 5.872      |               | ug/L |   | 103  | 65 - 150    |
| 1,4-Naphthoquinone             | 5.71        | 3.468      |               | ug/L |   | 61   | 24 - 137    |
| 1-Naphthylamine                | 5.71        | 1.436      |               | ug/L |   | 25   | 10 - 130    |
| 2,6-Dichlorophenol             | 5.71        | 3.482      |               | ug/L |   | 61   | 42 - 145    |
| 2-Acetylaminofluorene          | 5.71        | 4.221      |               | ug/L |   | 74   | 45 - 150    |
| 2-Chlorophenol                 | 5.71        | 4.912      |               | ug/L |   | 86   | 51 - 143    |
| 2-Naphthylamine                | 5.71        | 1.526      |               | ug/L |   | 27   | 17 - 130    |
| 2-Picoline                     | 5.71        | <1.03      | U *-          | ug/L |   | 4    | 10 - 143    |
| 2-Toluidine                    | 5.71        | 1.663      |               | ug/L |   | 29   | 10 - 130    |
| 3,3'-Dichlorobenzidine         | 5.71        | 0.7307     | J             | ug/L |   | 13   | 10 - 128    |
| 3,3'-Dimethylbenzidine         | 5.71        | <0.295     | U *-          | ug/L |   | 5    | 10 - 130    |
| 3-Methylcholanthrene           | 5.71        | 3.564      |               | ug/L |   | 62   | 53 - 130    |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.113      |               | ug/L |   | 72   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.502      |               | ug/L |   | 61   | 27 - 146    |
| Aramite Peak 1                 | 2.86        | 2.028      |               | ug/L |   | 71   | 45 - 150    |
| Aramite Peak 2                 | 2.86        | 1.967      |               | ug/L |   | 69   | 45 - 150    |
| Diallate Peak 1                | 4.23        | 2.786      |               | ug/L |   | 66   | 47 - 150    |
| Diallate Peak 2                | 1.49        | 1.046      |               | ug/L |   | 70   | 53 - 142    |
| Ethyl methanesulfonate         | 5.71        | 3.769      |               | ug/L |   | 66   | 45 - 138    |
| Hexachloropropene              | 5.71        | 4.259      |               | ug/L |   | 75   | 35 - 140    |
| Isosafrole                     | 5.71        | 3.699      |               | ug/L |   | 65   | 47 - 137    |
| Isosafrole Peak 1              | 0.914       | 0.5832     |               | ug/L |   | 64   | 48 - 132    |
| Isosafrole Peak 2              | 4.80        | 3.116      |               | ug/L |   | 65   | 47 - 137    |
| Methyl methanesulfonate        | 5.71        | 3.749      |               | ug/L |   | 66   | 33 - 140    |
| N-Nitrosodiethylamine          | 5.71        | 3.856      |               | ug/L |   | 67   | 50 - 136    |
| N-Nitrosodimethylamine         | 5.71        | 4.990      |               | ug/L |   | 87   | 33 - 148    |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.240      |               | ug/L |   | 74   | 30 - 150    |
| N-Nitrosomethylethylamine      | 5.71        | 3.803      |               | ug/L |   | 67   | 30 - 148    |
| N-Nitrosomorpholine            | 5.71        | 3.842      |               | ug/L |   | 67   | 40 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------|-------------|------------|---------------|------|---|------|-------------|
| N-Nitrosopyrrolidine       | 5.71        | 3.849      |               | ug/L |   | 67   | 20 - 130    |
| p-Dimethylamino azobenzene | 5.71        | 3.989      |               | ug/L |   | 70   | 16 - 150    |
| Pentachloronitrobenzene    | 5.71        | 4.239      |               | ug/L |   | 74   | 38 - 145    |
| Phenacetin                 | 5.71        | 3.851      |               | ug/L |   | 67   | 50 - 150    |
| p-Phenylene diamine        | 5.71        | <5.71      | U *           | ug/L |   | 0    | 5 - 112     |
| Pronamide                  | 5.71        | 3.965      |               | ug/L |   | 69   | 60 - 150    |
| Safrole, Total             | 5.71        | 3.567      | *-            | ug/L |   | 62   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 68            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 74            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 73            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 75            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 72            |               | 8 - 124  |
| p-Terphenyl-d14             | 74            |               | 28 - 130 |

Lab Sample ID: LCS 860-275662/2-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45      | U *           | ug/L |   | 0    | 5 - 150     |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 69            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 68            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 74            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 67            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 61            |               | 8 - 124  |
| p-Terphenyl-d14             | 70            |               | 28 - 130 |

Lab Sample ID: LCS 860-275662/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate                       | 2.86        | 9.155      | *+            | ug/L |   | 320  | 70 - 150    |
| Dinoseb                          | 5.71        | 9.349      | *+            | ug/L |   | 164  | 10 - 150    |
| Disulfoton                       | 2.86        | 7.673      | *+            | ug/L |   | 269  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 8.048      | *+            | ug/L |   | 282  | 70 - 150    |
| Famphur                          | 2.86        | 3.746      |               | ug/L |   | 131  | 10 - 150    |
| Methapyrilene                    | 5.71        | 7.761      |               | ug/L |   | 136  | 10 - 150    |
| Methyl parathion                 | 2.86        | 7.995      | *+            | ug/L |   | 280  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.839      |               | ug/L |   | 99   | 38 - 150    |
| Phorate                          | 2.86        | 8.117      | *+            | ug/L |   | 284  | 65 - 150    |
| Sulfotepp                        | 2.86        | 7.899      | *+            | ug/L |   | 276  | 28 - 150    |
| Thionazin                        | 2.86        | 4.083      | *+            | ug/L |   | 143  | 40 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275662/4-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275662

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 73        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 68        |           | 8 - 124  |
| p-Terphenyl-d14             | 70        |           | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.155       |                | ug/L |   | 90   | 55 - 120    | 5   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.815       |                | ug/L |   | 84   | 65 - 130    | 0   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.799       |                | ug/L |   | 84   | 26 - 130    | 0   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 4.774       |                | ug/L |   | 84   | 60 - 150    | 1   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.526       |                | ug/L |   | 79   | 65 - 145    | 4   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.839       |                | ug/L |   | 85   | 58 - 150    | 6   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.436       |                | ug/L |   | 78   | 39 - 145    | 6   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.555       |                | ug/L |   | 80   | 60 - 147    | 3   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.764       |                | ug/L |   | 83   | 58 - 140    | 6   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.607       |                | ug/L |   | 63   | 31 - 145    | 1   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 4.976       | J              | ug/L |   | 87   | 10 - 150    | 9   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 5.360       |                | ug/L |   | 94   | 29 - 150    | 5   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 5.312       |                | ug/L |   | 93   | 55 - 150    | 4   | 30        |
| 2-Chloronaphthalene          | 5.71        | 4.534       |                | ug/L |   | 79   | 39 - 141    | 0   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.823       |                | ug/L |   | 84   | 33 - 149    | 5   | 30        |
| 2-Methylphenol               | 5.71        | 5.211       |                | ug/L |   | 91   | 49 - 140    | 4   | 30        |
| 2-Nitroaniline               | 5.71        | 5.184       |                | ug/L |   | 91   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol                | 5.71        | 5.548       |                | ug/L |   | 97   | 43 - 150    | 3   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 4.144       |                | ug/L |   | 73   | 39 - 142    | 7   | 30        |
| 3-Nitroaniline               | 5.71        | 3.526       |                | ug/L |   | 62   | 25 - 130    | 2   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 5.186       |                | ug/L |   | 91   | 10 - 150    | 7   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 5.161       |                | ug/L |   | 90   | 56 - 136    | 6   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.593       |                | ug/L |   | 80   | 52 - 137    | 2   | 30        |
| 4-Chloroaniline              | 5.71        | 1.944       |                | ug/L |   | 34   | 10 - 95     | 0   | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.914       |                | ug/L |   | 86   | 53 - 134    | 6   | 30        |
| 4-Nitroaniline               | 5.71        | 5.257       |                | ug/L |   | 92   | 45 - 148    | 14  | 30        |
| Acenaphthene                 | 5.71        | 4.980       |                | ug/L |   | 87   | 48 - 136    | 6   | 30        |
| Acenaphthylene               | 5.71        | 4.738       |                | ug/L |   | 83   | 40 - 149    | 5   | 30        |
| Aniline                      | 5.71        | 0.6084      | J              | ug/L |   | 11   | 10 - 73     | 30  | 30        |
| Anthracene                   | 5.71        | 4.766       |                | ug/L |   | 83   | 51 - 146    | 2   | 30        |
| Benzo[a]anthracene           | 5.71        | 4.802       |                | ug/L |   | 84   | 43 - 145    | 4   | 30        |
| Benzo[a]pyrene               | 5.71        | 5.127       |                | ug/L |   | 90   | 52 - 136    | 4   | 30        |
| Benzo[b]fluoranthene         | 5.71        | 5.016       |                | ug/L |   | 88   | 45 - 140    | 3   | 30        |
| Benzo[g,h,i]perylene         | 5.71        | 4.820       | I              | ug/L |   | 84   | 44 - 137    | 6   | 30        |
| Benzo[k]fluoranthene         | 5.71        | 4.954       |                | ug/L |   | 87   | 37 - 140    | 8   | 30        |
| Benzyl alcohol               | 5.71        | 1.877       | J *- *1        | ug/L |   | 33   | 40 - 133    | 34  | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Bis(2-chloroethoxy)methane  | 5.71        | 5.019       |                | ug/L |   | 88   | 52 - 143    | 6   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 5.150       |                | ug/L |   | 90   | 52 - 140    | 0   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.121       |                | ug/L |   | 72   | 50 - 140    | 4   | 30        |
| Butyl benzyl phthalate      | 5.71        | 4.677       |                | ug/L |   | 82   | 60 - 150    | 3   | 30        |
| Chrysene                    | 5.71        | 5.027       |                | ug/L |   | 88   | 47 - 137    | 4   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 4.993       |                | ug/L |   | 87   | 50 - 147    | 4   | 30        |
| Dibenzofuran                | 5.71        | 5.248       |                | ug/L |   | 92   | 52 - 139    | 6   | 30        |
| Diethyl phthalate           | 5.71        | 4.564       |                | ug/L |   | 80   | 55 - 137    | 2   | 30        |
| Dimethyl phthalate          | 5.71        | 4.776       |                | ug/L |   | 84   | 44 - 150    | 2   | 30        |
| Di-n-butyl phthalate        | 5.71        | 4.669       |                | ug/L |   | 82   | 49 - 146    | 0   | 30        |
| Di-n-octyl phthalate        | 5.71        | 5.243       |                | ug/L |   | 92   | 55 - 150    | 5   | 30        |
| Fluoranthene                | 5.71        | 4.530       |                | ug/L |   | 79   | 50 - 144    | 2   | 30        |
| Fluorene                    | 5.71        | 4.914       |                | ug/L |   | 86   | 54 - 136    | 5   | 30        |
| Hexachlorobenzene           | 5.71        | 4.708       |                | ug/L |   | 82   | 55 - 138    | 4   | 30        |
| Hexachlorobutadiene         | 5.71        | 4.660       |                | ug/L |   | 82   | 45 - 150    | 2   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 5.808       |                | ug/L |   | 102  | 24 - 150    | 7   | 30        |
| Hexachloroethane            | 5.71        | 4.892       |                | ug/L |   | 86   | 30 - 130    | 3   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.826       |                | ug/L |   | 84   | 46 - 138    | 4   | 30        |
| Isophorone                  | 5.71        | 4.726       |                | ug/L |   | 83   | 48 - 147    | 5   | 30        |
| Naphthalene                 | 5.71        | 4.726       |                | ug/L |   | 83   | 35 - 141    | 4   | 30        |
| Nitrobenzene                | 5.71        | 4.574       |                | ug/L |   | 80   | 52 - 141    | 8   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.802       |                | ug/L |   | 84   | 41 - 137    | 2   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 5.104       |                | ug/L |   | 89   | 51 - 135    | 5   | 30        |
| Pentachlorophenol           | 5.71        | 3.761       |                | ug/L |   | 66   | 33 - 150    | 16  | 30        |
| Phenanthrene                | 5.71        | 4.844       |                | ug/L |   | 85   | 54 - 141    | 3   | 30        |
| Phenol                      | 5.71        | 4.244       |                | ug/L |   | 74   | 40 - 145    | 1   | 30        |
| Pyrene                      | 5.71        | 4.638       |                | ug/L |   | 81   | 50 - 143    | 5   | 30        |
| Pyridine                    | 5.71        | <0.837      | U *- *1        | ug/L |   | 3    | 10 - 84     | 94  | 30        |
| N-Nitro-o-toluidine         | 5.71        | 3.568       |                | ug/L |   | 62   | 29 - 141    | 4   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.033       |                | ug/L |   | 88   | 60 - 150    | 5   | 30        |
| Acetophenone                | 5.71        | 3.653       |                | ug/L |   | 64   | 52 - 136    | 0   | 30        |
| N-Nitrosopiperidine         | 5.71        | 3.937       |                | ug/L |   | 69   | 36 - 148    | 10  | 30        |
| Pentachlorobenzene          | 5.71        | 4.012       |                | ug/L |   | 70   | 52 - 128    | 6   | 30        |
| Diphenyl ether              | 5.71        | 3.793       |                | ug/L |   | 66   | 46 - 130    | 3   | 30        |
| 1,1'-Biphenyl               | 5.71        | 3.743       |                | ug/L |   | 66   | 39 - 142    | 5   | 30        |
| 4-Aminobiphenyl             | 5.71        | 1.721       |                | ug/L |   | 30   | 10 - 115    | 15  | 30        |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.027       |                | ug/L |   | 70   | 46 - 125    | 7   | 30        |
| 1,3,5-Trinitrobenzene       | 5.71        | 3.490       |                | ug/L |   | 61   | 42 - 130    | 5   | 30        |
| 1,3-Dinitrobenzene          | 5.71        | 5.802       |                | ug/L |   | 102  | 65 - 150    | 1   | 30        |
| 1,4-Naphthoquinone          | 5.71        | 3.709       |                | ug/L |   | 65   | 24 - 137    | 7   | 30        |
| 1-Naphthylamine             | 5.71        | 1.582       |                | ug/L |   | 28   | 10 - 130    | 10  | 30        |
| 2,6-Dichlorophenol          | 5.71        | 3.447       |                | ug/L |   | 60   | 42 - 145    | 1   | 30        |
| 2-Acetylaminofluorene       | 5.71        | 3.806       |                | ug/L |   | 67   | 45 - 150    | 10  | 30        |
| 2-Chlorophenol              | 5.71        | 4.916       |                | ug/L |   | 86   | 51 - 143    | 0   | 30        |
| 2-Naphthylamine             | 5.71        | 1.651       |                | ug/L |   | 29   | 17 - 130    | 8   | 30        |
| 2-Picoline                  | 5.71        | <1.03       | U *- *1        | ug/L |   | 2    | 10 - 143    | 63  | 30        |
| 2-Toluidine                 | 5.71        | 1.632       |                | ug/L |   | 29   | 10 - 130    | 2   | 30        |
| 3,3'-Dichlorobenzidine      | 5.71        | 0.6514      | J              | ug/L |   | 11   | 10 - 128    | 11  | 30        |
| 3,3'-Dimethylbenzidine      | 5.71        | <0.295      | U *- *1        | ug/L |   | 3    | 10 - 130    | 63  | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 3-Methylcholanthrene           | 5.71        | 3.641       |                | ug/L |   | 64   | 53 - 130    | 2   | 30        |
| 4-Nitroquinoline-1-oxide       | 5.71        | 4.072       |                | ug/L |   | 71   | 20 - 140    | 1   | 30        |
| 7,12-Dimethylbenz(a)anthracene | 5.71        | 3.650       |                | ug/L |   | 64   | 27 - 146    | 4   | 30        |
| Aramite Peak 1                 | 2.86        | 2.169       |                | ug/L |   | 76   | 45 - 150    | 7   | 30        |
| Aramite Peak 2                 | 2.86        | 1.902       |                | ug/L |   | 67   | 45 - 150    | 3   | 30        |
| Diallate Peak 1                | 4.23        | 2.873       |                | ug/L |   | 68   | 47 - 150    | 3   | 30        |
| Diallate Peak 2                | 1.49        | 1.065       |                | ug/L |   | 72   | 53 - 142    | 2   | 30        |
| Ethyl methanesulfonate         | 5.71        | 3.730       |                | ug/L |   | 65   | 45 - 138    | 1   | 30        |
| Hexachloropropene              | 5.71        | 4.497       |                | ug/L |   | 79   | 35 - 140    | 5   | 30        |
| Isosafrole                     | 5.71        | 3.851       |                | ug/L |   | 67   | 47 - 137    | 4   | 30        |
| Isosafrole Peak 1              | 0.914       | 0.6359      |                | ug/L |   | 70   | 48 - 132    | 9   | 30        |
| Isosafrole Peak 2              | 4.80        | 3.215       |                | ug/L |   | 67   | 47 - 137    | 3   | 30        |
| Methyl methanesulfonate        | 5.71        | 3.830       |                | ug/L |   | 67   | 33 - 140    | 2   | 30        |
| N-Nitrosodiethylamine          | 5.71        | 3.906       |                | ug/L |   | 68   | 50 - 136    | 1   | 30        |
| N-Nitrosodimethylamine         | 5.71        | 5.038       |                | ug/L |   | 88   | 33 - 148    | 1   | 30        |
| N-Nitrosodi-n-butylamine       | 5.71        | 4.355       |                | ug/L |   | 76   | 30 - 150    | 3   | 30        |
| N-Nitrosomethylethylamine      | 5.71        | 3.892       |                | ug/L |   | 68   | 30 - 148    | 2   | 30        |
| N-Nitrosomorpholine            | 5.71        | 3.849       |                | ug/L |   | 67   | 40 - 140    | 0   | 30        |
| N-Nitrosopyrrolidine           | 5.71        | 3.725       |                | ug/L |   | 65   | 20 - 130    | 3   | 30        |
| p-Dimethylamino azobenzene     | 5.71        | 3.925       |                | ug/L |   | 69   | 16 - 150    | 2   | 30        |
| Pentachloronitrobenzene        | 5.71        | 4.857       |                | ug/L |   | 85   | 38 - 145    | 14  | 30        |
| Phenacetin                     | 5.71        | 3.719       |                | ug/L |   | 65   | 50 - 150    | 4   | 30        |
| p-Phenylene diamine            | 5.71        | <5.71       | U *-           | ug/L |   | 0    | 5 - 112     | NC  | 30        |
| Pronamide                      | 5.71        | 4.288       |                | ug/L |   | 75   | 60 - 150    | 8   | 30        |
| Safrole, Total                 | 5.71        | 3.717       | *-             | ug/L |   | 65   | 70 - 130    | 4   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 70             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 78             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 71             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 77             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 70             |                | 8 - 124  |
| p-Terphenyl-d14             | 72             |                | 28 - 130 |

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45       | U              | ug/L |   |      | -           |     |           |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|--------|
| 2,4,6-Tribromophenol (Surr) |                |                |        |
| 2-Fluorobiphenyl            |                |                |        |
| 2-Fluorophenol (Surr)       |                |                |        |
| Nitrobenzene-d5 (Surr)      |                |                |        |
| Phenol-d5 (Surr)            |                |                |        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275662/3-A

Matrix: Water

Analysis Batch: 276290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

|                 | LCSD      | LCSD      |        |
|-----------------|-----------|-----------|--------|
| Surrogate       | %Recovery | Qualifier | Limits |
| p-Terphenyl-d14 |           |           |        |

Lab Sample ID: LCSD 860-275662/5-A

Matrix: Water

Analysis Batch: 275964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275662

|                                  |  |  | Spike | LCSD   | LCSD      |      |   |      | %Rec     |     | RPD   |
|----------------------------------|--|--|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte                          |  |  | Added | Result | Qualifier | Unit | D | %Rec | Limits   | RPD | Limit |
| Dimethoate                       |  |  | 2.86  | 9.114  | *+        | ug/L |   | 319  | 70 - 150 | 0   | 30    |
| Dinoseb                          |  |  | 5.71  | 9.967  | *+        | ug/L |   | 174  | 10 - 150 | 6   | 30    |
| Disulfoton                       |  |  | 2.86  | 8.292  | *+        | ug/L |   | 290  | 80 - 150 | 8   | 30    |
| Ethyl Parathion                  |  |  | 2.86  | 8.322  | *+        | ug/L |   | 291  | 70 - 150 | 3   | 30    |
| Famphur                          |  |  | 2.86  | 3.839  |           | ug/L |   | 134  | 10 - 150 | 2   | 30    |
| Methapyrilene                    |  |  | 5.71  | 9.428  | *+        | ug/L |   | 165  | 10 - 150 | 19  | 30    |
| Methyl parathion                 |  |  | 2.86  | 8.341  | *+        | ug/L |   | 292  | 80 - 150 | 4   | 30    |
| o,o',o"-Triethylphosphorothioate |  |  | 2.86  | 2.839  |           | ug/L |   | 99   | 38 - 150 | 0   | 30    |
| Phorate                          |  |  | 2.86  | 8.167  | *+        | ug/L |   | 286  | 65 - 150 | 1   | 30    |
| Sulfotepp                        |  |  | 2.86  | 8.107  | *+        | ug/L |   | 284  | 28 - 150 | 3   | 30    |
| Thionazin                        |  |  | 2.86  | 4.122  | *+        | ug/L |   | 144  | 40 - 140 | 1   | 30    |

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 75        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 81        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 78        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 80        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 73        |           | 8 - 124  |
| p-Terphenyl-d14             | 75        |           | 28 - 130 |

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

|                              | Sample | Sample    | Spike | MS     | MS        |      |   | %Rec |          |
|------------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|
| Analyte                      | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits   |
| 1,2,4-Trichlorobenzene       | <0.119 | U         | 5.68  | 4.849  |           | ug/L |   | 85   | 55 - 120 |
| 1,2-Dichlorobenzene          | 0.249  | J         | 5.68  | 5.536  |           | ug/L |   | 93   | 65 - 130 |
| 1,3-Dichlorobenzene          | <0.106 | U         | 5.68  | 5.004  |           | ug/L |   | 88   | 26 - 130 |
| 1,4-Dichlorobenzene          | 0.394  | J         | 5.68  | 5.343  |           | ug/L |   | 87   | 60 - 150 |
| 2,2'-oxybis[1-chloropropane] | <1.82  | U         | 5.68  | 8.155  |           | ug/L |   | 144  | 65 - 145 |
| 2,4,5-Trichlorophenol        | <0.424 | U F1      | 5.68  | 10.70  | F1        | ug/L |   | 188  | 58 - 150 |
| 2,4,6-Trichlorophenol        | <0.115 | U F1      | 5.68  | 10.27  | F1        | ug/L |   | 181  | 39 - 145 |
| 2,4-Dichlorophenol           | <0.124 | U         | 5.68  | 8.338  |           | ug/L |   | 147  | 60 - 147 |
| 2,4-Dimethylphenol           | <0.110 | U F1      | 5.68  | 8.941  | F1        | ug/L |   | 157  | 58 - 140 |
| 1,4-Dioxane                  | 4.11   |           | 5.68  | 6.308  |           | ug/L |   | 39   | 31 - 145 |
| 2,4-Dinitrophenol            | <1.36  | U         | 5.68  | 4.600  | J         | ug/L |   | 81   | 10 - 150 |
| 2,4-Dinitrotoluene           | <0.504 | U F1      | 5.68  | 8.788  | F1        | ug/L |   | 155  | 29 - 150 |
| 2,6-Dinitrotoluene           | <0.268 | U F1      | 5.68  | 9.284  | F1        | ug/L |   | 163  | 55 - 150 |
| 2-Chloronaphthalene          | <0.116 | U         | 5.68  | 6.418  |           | ug/L |   | 113  | 39 - 141 |
| 2-Methylnaphthalene          | <0.107 | U         | 5.68  | 6.568  |           | ug/L |   | 116  | 33 - 149 |
| 2-Methylphenol               | <0.107 | U         | 5.68  | 7.305  |           | ug/L |   | 129  | 49 - 140 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2-Nitroaniline              | <0.155        | U F1             | 5.68        | 10.23     | F1           | ug/L |   | 180  | 42 - 150    |
| 2-Nitrophenol               | <0.135        | U F1             | 5.68        | 9.580     | F1           | ug/L |   | 169  | 43 - 150    |
| 3 & 4 Methylphenol          | <0.0928       | U                | 5.68        | 5.937     |              | ug/L |   | 104  | 55 - 142    |
| 3-Nitroaniline              | <0.219        | U                | 5.68        | 4.639     |              | ug/L |   | 82   | 25 - 119    |
| 4,6-Dinitro-2-methylphenol  | <1.21         | U                | 5.68        | 6.507     |              | ug/L |   | 115  | 10 - 150    |
| 4-Bromophenyl phenyl ether  | <0.104        | U F1             | 5.68        | 8.546     | F1           | ug/L |   | 150  | 56 - 136    |
| 4-Chloro-3-methylphenol     | <0.117        | U F1             | 5.68        | 9.440     | F1           | ug/L |   | 166  | 52 - 137    |
| 4-Chloroaniline             | <0.0866       | U                | 5.68        | 3.330     |              | ug/L |   | 59   | 10 - 95     |
| 4-Chlorophenyl phenyl ether | <0.0938       | U                | 5.68        | 7.278     |              | ug/L |   | 128  | 53 - 134    |
| 4-Nitroaniline              | <0.266        | U                | 5.68        | 6.407     |              | ug/L |   | 113  | 45 - 148    |
| Acenaphthene                | 0.965         |                  | 5.68        | 8.231     |              | ug/L |   | 128  | 48 - 136    |
| Acenaphthylene              | <0.123        | U                | 5.68        | 8.158     |              | ug/L |   | 144  | 40 - 149    |
| Aniline                     | <0.442        | U *-             | 5.68        | 1.680     |              | ug/L |   | 30   | 10 - 73     |
| Anthracene                  | <0.102        | U F1             | 5.68        | 8.873     | F1           | ug/L |   | 156  | 51 - 146    |
| Benzo[a]anthracene          | <0.125        | U F1             | 5.68        | 9.541     | I F1         | ug/L |   | 168  | 43 - 145    |
| Benzo[a]pyrene              | <0.105        | U F1             | 5.68        | 8.565     | F1           | ug/L |   | 151  | 52 - 136    |
| Benzo[b]fluoranthene        | <0.122        | U F1             | 5.68        | 9.625     | F1           | ug/L |   | 169  | 45 - 140    |
| Benzo[g,h,i]perylene        | <0.0888       | U                | 5.68        | 6.383     |              | ug/L |   | 112  | 44 - 137    |
| Benzo[k]fluoranthene        | <0.121        | U F1             | 5.68        | 8.530     | F1           | ug/L |   | 150  | 37 - 140    |
| Benzyl alcohol              | <0.220        | U *- *1          | 5.68        | 3.403     |              | ug/L |   | 60   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | <0.106        | U F1             | 5.68        | 8.464     | F1           | ug/L |   | 149  | 52 - 143    |
| Bis(2-chloroethyl)ether     | 0.687         | F1               | 5.68        | 8.672     | F1           | ug/L |   | 141  | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 0.735         | J F1             | 5.68        | 13.53     | F1           | ug/L |   | 225  | 50 - 140    |
| Butyl benzyl phthalate      | <0.330        | U F1             | 5.68        | 13.78     | F1           | ug/L |   | 242  | 60 - 150    |
| Chrysene                    | <0.0949       | U                | 5.68        | 7.692     |              | ug/L |   | 135  | 47 - 137    |
| Dibenz(a,h)anthracene       | <0.0836       | U                | 5.68        | 7.233     |              | ug/L |   | 127  | 50 - 147    |
| Dibenzofuran                | <0.110        | U F1             | 5.68        | 7.996     | F1           | ug/L |   | 141  | 52 - 139    |
| Diethyl phthalate           | <0.184        | U F1             | 5.68        | 8.681     | F1           | ug/L |   | 153  | 55 - 137    |
| Dimethyl phthalate          | <0.131        | U F1             | 5.68        | 9.297     | F1           | ug/L |   | 164  | 44 - 150    |
| Di-n-butyl phthalate        | <0.649        | U F1             | 5.68        | 10.85     | F1           | ug/L |   | 191  | 49 - 146    |
| Di-n-octyl phthalate        | <0.281        | U F1             | 5.68        | 14.66     | F1           | ug/L |   | 258  | 55 - 150    |
| Fluoranthene                | <0.118        | U F1             | 5.68        | 9.637     | F1           | ug/L |   | 170  | 50 - 144    |
| Fluorene                    | 0.146         | J                | 5.68        | 7.694     |              | ug/L |   | 133  | 54 - 136    |
| Hexachlorobenzene           | <0.130        | U F1             | 5.68        | 8.095     | F1           | ug/L |   | 142  | 55 - 138    |
| Hexachlorobutadiene         | <0.159        | U                | 5.68        | 3.988     |              | ug/L |   | 70   | 45 - 150    |
| Hexachlorocyclopentadiene   | <0.176        | U                | 5.68        | 2.895     |              | ug/L |   | 51   | 24 - 150    |
| Hexachloroethane            | <0.123        | U                | 5.68        | 4.120     |              | ug/L |   | 73   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | <0.101        | U                | 5.68        | 7.587     |              | ug/L |   | 134  | 46 - 138    |
| Isophorone                  | <0.104        | U F1             | 5.68        | 9.317     | F1           | ug/L |   | 164  | 48 - 147    |
| Naphthalene                 | <0.112        | U                | 5.68        | 6.121     |              | ug/L |   | 108  | 35 - 141    |
| Nitrobenzene                | <0.150        | U F1             | 5.68        | 9.529     | F1           | ug/L |   | 168  | 52 - 141    |
| N-Nitrosodi-n-propylamine   | <0.145        | U F1             | 5.68        | 8.716     | F1           | ug/L |   | 153  | 41 - 137    |
| N-Nitrosodiphenylamine      | <0.110        | U F1             | 5.68        | 9.514     | F1           | ug/L |   | 167  | 51 - 135    |
| Pentachlorophenol           | <0.307        | U F1             | 5.68        | 12.59     | F1           | ug/L |   | 222  | 33 - 150    |
| Phenanthrene                | <0.105        | U F1             | 5.68        | 8.277     | F1           | ug/L |   | 146  | 54 - 141    |
| Phenol                      | 3.38          |                  | 5.68        | 7.642     |              | ug/L |   | 75   | 40 - 145    |
| Pyrene                      | <0.127        | U F1             | 5.68        | 9.178     | I F1         | ug/L |   | 162  | 50 - 143    |
| Pyridine                    | <0.822        | U *- *1          | 5.68        | 1.171     | J            | ug/L |   | 21   | 10 - 84     |
| N-Nitro-o-toluidine         | <0.640        | U                | 5.68        | 5.148     |              | ug/L |   | 91   | 29 - 141    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2,3,4,6-Tetrachlorophenol           | <0.249        | U F1             | 5.68        | 10.35     | F1           | ug/L |   | 182  | 60 - 150    |
| Acetophenone                        | <0.136        | U                | 5.68        | 6.855     |              | ug/L |   | 121  | 52 - 136    |
| N-Nitrosopiperidine                 | <0.620        | U                | 5.68        | 6.896     |              | ug/L |   | 121  | 36 - 148    |
| Pentachlorobenzene                  | <0.123        | U                | 5.68        | 5.137     |              | ug/L |   | 90   | 52 - 128    |
| 1,1'-Biphenyl                       | <0.111        | U                | 5.68        | 5.147     |              | ug/L |   | 91   | 39 - 142    |
| 4-Aminobiphenyl                     | <0.192        | U                | 5.68        | 2.533     |              | ug/L |   | 45   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene          | <0.113        | U                | 5.68        | 4.074     |              | ug/L |   | 72   | 46 - 125    |
| 1,3,5-Trinitrobenzene               | <0.642        | U                | 5.68        | 4.966     |              | ug/L |   | 87   | 42 - 130    |
| 1,3-Dinitrobenzene                  | <0.577        | U F1             | 5.68        | 8.998     | F1           | ug/L |   | 158  | 65 - 150    |
| 1,4-Naphthoquinone                  | <0.0602       | U                | 5.68        | 7.187     |              | ug/L |   | 126  | 24 - 137    |
| 1-Naphthylamine                     | <0.265        | U F2 *-          | 5.68        | 1.749     |              | ug/L |   | 31   | 10 - 78     |
| 2,6-Dichlorophenol                  | <0.0956       | U                | 5.68        | 7.043     |              | ug/L |   | 124  | 42 - 145    |
| 2-Acetylaminofluorene               | <1.68         | U F1             | 5.68        | 12.34     | F1           | ug/L |   | 217  | 45 - 150    |
| 2-Chlorophenol                      | <0.101        | U                | 5.68        | 7.506     |              | ug/L |   | 132  | 51 - 143    |
| 2-Naphthylamine                     | <0.405        | U                | 5.68        | 1.801     |              | ug/L |   | 32   | 17 - 92     |
| 2-Picoline                          | <1.01         | U *- F1 *1       | 5.68        | <1.03     | U F1         | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine                         | <0.417        | U                | 5.68        | 2.557     |              | ug/L |   | 45   | 10 - 79     |
| 3,3'-Dichlorobenzidine              | <0.639        | U                | 5.68        | 3.266     |              | ug/L |   | 57   | 10 - 128    |
| 3,3'-Dimethylbenzidine              | <0.290        | U *- F1 *1       | 5.68        | <0.293    | U F1         | ug/L |   | 0    | 10 - 78     |
| 3-Methylcholanthrene                | <0.0867       | U                | 5.68        | 6.538     |              | ug/L |   | 115  | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | <0.626        | U                | 5.68        | 2.341     |              | ug/L |   | 41   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | <0.126        | U                | 5.68        | 7.653     |              | ug/L |   | 135  | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | <1.43         | U *- F1          | 5.68        | <1.44     | U F1         | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1                      | <0.181        | U F1             | 2.84        | 5.280     | F1           | ug/L |   | 186  | 45 - 150    |
| Aramite Peak 2                      | <0.199        | U F1             | 2.84        | 4.378     | F1           | ug/L |   | 154  | 45 - 150    |
| Diallate Peak 1                     | <0.0735       | U                | 4.20        | 5.542     |              | ug/L |   | 132  | 47 - 150    |
| Diallate Peak 2                     | <0.0294       | U                | 1.48        | 2.022     |              | ug/L |   | 137  | 53 - 142    |
| Ethyl methanesulfonate              | <0.182        | U                | 5.68        | 3.950     |              | ug/L |   | 70   | 45 - 138    |
| Hexachloropropene                   | <0.562        | U                | 5.68        | 2.440     |              | ug/L |   | 43   | 35 - 140    |
| Isosafrole                          | <0.0227       | U                | 5.68        | 6.329     |              | ug/L |   | 111  | 47 - 137    |
| Isosafrole Peak 1                   | <0.0227       | U                | 0.909       | 1.003     |              | ug/L |   | 110  | 48 - 132    |
| Isosafrole Peak 2                   | <0.0968       | U                | 4.77        | 5.326     |              | ug/L |   | 112  | 47 - 137    |
| Methyl methanesulfonate             | <0.183        | U F1             | 5.68        | 1.652     | F1           | ug/L |   | 29   | 33 - 140    |
| N-Nitrosodiethylamine               | <0.662        | U                | 5.68        | 5.693     |              | ug/L |   | 100  | 50 - 136    |
| N-Nitrosodi-n-butylamine            | <0.711        | U F1             | 5.68        | 9.352     | F1           | ug/L |   | 165  | 30 - 150    |
| N-Nitrosomethylethylamine           | <0.689        | U                | 5.68        | 3.476     |              | ug/L |   | 61   | 30 - 148    |
| N-Nitrosomorpholine                 | <0.701        | U                | 5.68        | 2.802     |              | ug/L |   | 49   | 40 - 140    |
| N-Nitrosopyrrolidine                | <0.107        | U                | 5.68        | 3.074     |              | ug/L |   | 54   | 20 - 130    |
| p-Dimethylamino azobenzene          | <0.152        | U F1             | 5.68        | 9.335     | F1           | ug/L |   | 164  | 16 - 150    |
| Pentachloronitrobenzene             | <0.248        | U F1             | 5.68        | 8.653     | F1           | ug/L |   | 152  | 38 - 145    |
| Phenacetin                          | <0.248        | U                | 5.68        | 7.601     |              | ug/L |   | 134  | 50 - 150    |
| p-Phenylene diamine                 | <5.62         | U *- F1          | 5.68        | <5.68     | U F1         | ug/L |   | 0    | 5 - 112     |
| Pronamide                           | <0.132        | U                | 5.68        | 8.174     |              | ug/L |   | 144  | 60 - 150    |
| Safrole, Total                      | <0.0905       | U *-             | 5.68        | 6.141     |              | ug/L |   | 108  | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) | 150          | S1+          | 26 - 136 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276083

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

|                        | MS        | MS        |          |
|------------------------|-----------|-----------|----------|
| Surrogate              | %Recovery | Qualifier | Limits   |
| 2-Fluorobiphenyl       | 105       |           | 39 - 130 |
| 2-Fluorophenol (Surr)  | 54        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) | 136       | S1+       | 32 - 133 |
| Phenol-d5 (Surr)       | 33        |           | 8 - 124  |
| p-Terphenyl-d14        | 116       |           | 28 - 130 |

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | <0.119        | U                | 5.70        | 4.468      |               | ug/L |   | 78   | 55 - 120    | 8   | 30        |
| 1,2-Dichlorobenzene          | 0.249         | J                | 5.70        | 5.003      |               | ug/L |   | 83   | 65 - 130    | 10  | 30        |
| 1,3-Dichlorobenzene          | <0.106        | U                | 5.70        | 4.504      |               | ug/L |   | 79   | 26 - 130    | 11  | 30        |
| 1,4-Dichlorobenzene          | 0.394         | J                | 5.70        | 4.870      |               | ug/L |   | 79   | 60 - 150    | 9   | 30        |
| 2,2'-oxybis[1-chloropropane] | <1.82         | U                | 5.70        | 7.331      |               | ug/L |   | 129  | 65 - 145    | 11  | 30        |
| 2,4,5-Trichlorophenol        | <0.424        | U F1             | 5.70        | 9.866      | F1            | ug/L |   | 173  | 58 - 150    | 8   | 30        |
| 2,4,6-Trichlorophenol        | <0.115        | U F1             | 5.70        | 9.417      | F1            | ug/L |   | 165  | 39 - 145    | 9   | 30        |
| 2,4-Dichlorophenol           | <0.124        | U                | 5.70        | 7.607      |               | ug/L |   | 134  | 60 - 147    | 9   | 30        |
| 2,4-Dimethylphenol           | <0.110        | U F1             | 5.70        | 8.145      | F1            | ug/L |   | 143  | 58 - 140    | 9   | 30        |
| 1,4-Dioxane                  | 4.11          |                  | 5.70        | 6.127      |               | ug/L |   | 35   | 31 - 145    | 3   | 30        |
| 2,4-Dinitrophenol            | <1.36         | U                | 5.70        | 3.725      | J             | ug/L |   | 65   | 10 - 150    | 21  | 30        |
| 2,4-Dinitrotoluene           | <0.504        | U F1             | 5.70        | 8.100      |               | ug/L |   | 142  | 29 - 150    | 8   | 30        |
| 2,6-Dinitrotoluene           | <0.268        | U F1             | 5.70        | 8.726      | F1            | ug/L |   | 153  | 55 - 150    | 6   | 30        |
| 2-Chloronaphthalene          | <0.116        | U                | 5.70        | 5.891      |               | ug/L |   | 103  | 39 - 141    | 9   | 30        |
| 2-Methylnaphthalene          | <0.107        | U                | 5.70        | 6.033      |               | ug/L |   | 106  | 33 - 149    | 9   | 30        |
| 2-Methylphenol               | <0.107        | U                | 5.70        | 6.769      |               | ug/L |   | 119  | 49 - 140    | 8   | 30        |
| 2-Nitroaniline               | <0.155        | U F1             | 5.70        | 9.603      | F1            | ug/L |   | 169  | 42 - 150    | 6   | 30        |
| 2-Nitrophenol                | <0.135        | U F1             | 5.70        | 8.637      | F1            | ug/L |   | 152  | 43 - 150    | 10  | 30        |
| 3 & 4 Methylphenol           | <0.0928       | U                | 5.70        | 5.516      |               | ug/L |   | 97   | 55 - 142    | 7   | 30        |
| 3-Nitroaniline               | <0.219        | U                | 5.70        | 5.162      |               | ug/L |   | 91   | 25 - 119    | 11  | 30        |
| 4,6-Dinitro-2-methylphenol   | <1.21         | U                | 5.70        | 5.933      |               | ug/L |   | 104  | 10 - 150    | 9   | 30        |
| 4-Bromophenyl phenyl ether   | <0.104        | U F1             | 5.70        | 7.913      | F1            | ug/L |   | 139  | 56 - 136    | 8   | 30        |
| 4-Chloro-3-methylphenol      | <0.117        | U F1             | 5.70        | 8.496      | F1            | ug/L |   | 149  | 52 - 137    | 11  | 30        |
| 4-Chloroaniline              | <0.0866       | U                | 5.70        | 3.919      |               | ug/L |   | 69   | 10 - 95     | 16  | 30        |
| 4-Chlorophenyl phenyl ether  | <0.0938       | U                | 5.70        | 6.693      |               | ug/L |   | 117  | 53 - 134    | 8   | 30        |
| 4-Nitroaniline               | <0.266        | U                | 5.70        | 6.318      |               | ug/L |   | 111  | 45 - 148    | 1   | 30        |
| Acenaphthene                 | 0.965         |                  | 5.70        | 7.630      |               | ug/L |   | 117  | 48 - 136    | 8   | 30        |
| Acenaphthylene               | <0.123        | U                | 5.70        | 7.576      |               | ug/L |   | 133  | 40 - 149    | 7   | 30        |
| Aniline                      | <0.442        | U *-             | 5.70        | 1.774      |               | ug/L |   | 31   | 10 - 73     | 5   | 30        |
| Anthracene                   | <0.102        | U F1             | 5.70        | 8.351      | F1            | ug/L |   | 147  | 51 - 146    | 6   | 30        |
| Benzo[a]anthracene           | <0.125        | U F1             | 5.70        | 8.794      | F1            | ug/L |   | 154  | 43 - 145    | 8   | 30        |
| Benzo[a]pyrene               | <0.105        | U F1             | 5.70        | 7.903      | F1            | ug/L |   | 139  | 52 - 136    | 8   | 30        |
| Benzo[b]fluoranthene         | <0.122        | U F1             | 5.70        | 9.362      | F1            | ug/L |   | 164  | 45 - 140    | 3   | 30        |
| Benzo[g,h,i]perylene         | <0.0888       | U                | 5.70        | 5.906      |               | ug/L |   | 104  | 44 - 137    | 8   | 30        |
| Benzo[k]fluoranthene         | <0.121        | U F1             | 5.70        | 7.803      |               | ug/L |   | 137  | 37 - 140    | 9   | 30        |
| Benzyl alcohol               | <0.220        | U *- *1          | 5.70        | 2.794      | J             | ug/L |   | 49   | 40 - 133    | 20  | 30        |
| Bis(2-chloroethoxy)methane   | <0.106        | U F1             | 5.70        | 7.666      |               | ug/L |   | 135  | 52 - 143    | 10  | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Bis(2-chloroethyl)ether     | 0.687         | F1               | 5.70        | 7.892      |               | ug/L |   | 126  | 52 - 140    | 9   | 30        |
| Bis(2-ethylhexyl) phthalate | 0.735         | J F1             | 5.70        | 12.82      | F1            | ug/L |   | 212  | 50 - 140    | 5   | 30        |
| Butyl benzyl phthalate      | <0.330        | U F1             | 5.70        | 13.49      | F1            | ug/L |   | 237  | 60 - 150    | 2   | 30        |
| Chrysene                    | <0.0949       | U                | 5.70        | 7.293      |               | ug/L |   | 128  | 47 - 137    | 5   | 30        |
| Dibenz(a,h)anthracene       | <0.0836       | U                | 5.70        | 6.638      |               | ug/L |   | 116  | 50 - 147    | 9   | 30        |
| Dibenzofuran                | <0.110        | U F1             | 5.70        | 7.229      |               | ug/L |   | 127  | 52 - 139    | 10  | 30        |
| Diethyl phthalate           | <0.184        | U F1             | 5.70        | 8.305      | F1            | ug/L |   | 146  | 55 - 137    | 4   | 30        |
| Dimethyl phthalate          | <0.131        | U F1             | 5.70        | 8.703      | F1            | ug/L |   | 153  | 44 - 150    | 7   | 30        |
| Di-n-butyl phthalate        | <0.649        | U F1             | 5.70        | 10.33      | F1            | ug/L |   | 181  | 49 - 146    | 5   | 30        |
| Di-n-octyl phthalate        | <0.281        | U F1             | 5.70        | 13.76      | F1            | ug/L |   | 242  | 55 - 150    | 6   | 30        |
| Fluoranthene                | <0.118        | U F1             | 5.70        | 9.103      | F1            | ug/L |   | 160  | 50 - 144    | 6   | 30        |
| Fluorene                    | 0.146         | J                | 5.70        | 7.125      |               | ug/L |   | 122  | 54 - 136    | 8   | 30        |
| Hexachlorobenzene           | <0.130        | U F1             | 5.70        | 7.431      |               | ug/L |   | 130  | 55 - 138    | 9   | 30        |
| Hexachlorobutadiene         | <0.159        | U                | 5.70        | 3.601      |               | ug/L |   | 63   | 45 - 150    | 10  | 30        |
| Hexachlorocyclopentadiene   | <0.176        | U                | 5.70        | 2.570      |               | ug/L |   | 45   | 24 - 150    | 12  | 30        |
| Hexachloroethane            | <0.123        | U                | 5.70        | 3.667      |               | ug/L |   | 64   | 30 - 130    | 12  | 30        |
| Indeno[1,2,3-cd]pyrene      | <0.101        | U                | 5.70        | 7.183      |               | ug/L |   | 126  | 46 - 138    | 5   | 30        |
| Isophorone                  | <0.104        | U F1             | 5.70        | 8.490      | F1            | ug/L |   | 149  | 48 - 147    | 9   | 30        |
| Naphthalene                 | <0.112        | U                | 5.70        | 5.671      |               | ug/L |   | 100  | 35 - 141    | 8   | 30        |
| Nitrobenzene                | <0.150        | U F1             | 5.70        | 8.680      | F1            | ug/L |   | 152  | 52 - 141    | 9   | 30        |
| N-Nitrosodi-n-propylamine   | <0.145        | U F1             | 5.70        | 8.119      | F1            | ug/L |   | 142  | 41 - 137    | 7   | 30        |
| N-Nitrosodiphenylamine      | <0.110        | U F1             | 5.70        | 8.502      | F1            | ug/L |   | 149  | 51 - 135    | 11  | 30        |
| Pentachlorophenol           | <0.307        | U F1             | 5.70        | 11.56      | F1            | ug/L |   | 203  | 33 - 150    | 8   | 30        |
| Phenanthrene                | <0.105        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 54 - 141    | 5   | 30        |
| Phenol                      | 3.38          |                  | 5.70        | 7.316      |               | ug/L |   | 69   | 40 - 145    | 4   | 30        |
| Pyrene                      | <0.127        | U F1             | 5.70        | 8.476      | F1            | ug/L |   | 149  | 50 - 143    | 8   | 30        |
| Pyridine                    | <0.822        | U *- *1          | 5.70        | 1.452      | J             | ug/L |   | 25   | 10 - 84     | 21  | 30        |
| N-Nitro-o-toluidine         | <0.640        | U                | 5.70        | 5.239      |               | ug/L |   | 92   | 29 - 141    | 2   | 30        |
| 2,3,4,6-Tetrachlorophenol   | <0.249        | U F1             | 5.70        | 9.191      | F1            | ug/L |   | 161  | 60 - 150    | 12  | 30        |
| Acetophenone                | <0.136        | U                | 5.70        | 6.234      |               | ug/L |   | 109  | 52 - 136    | 9   | 30        |
| N-Nitrosopiperidine         | <0.620        | U                | 5.70        | 6.420      |               | ug/L |   | 113  | 36 - 148    | 7   | 30        |
| Pentachlorobenzene          | <0.123        | U                | 5.70        | 4.660      |               | ug/L |   | 82   | 52 - 128    | 10  | 30        |
| 1,1'-Biphenyl               | <0.111        | U                | 5.70        | 4.799      |               | ug/L |   | 84   | 39 - 142    | 7   | 30        |
| 4-Aminobiphenyl             | <0.192        | U                | 5.70        | 3.025      |               | ug/L |   | 53   | 10 - 115    | 18  | 30        |
| 1,2,4,5-Tetrachlorobenzene  | <0.113        | U                | 5.70        | 3.698      |               | ug/L |   | 65   | 46 - 125    | 10  | 30        |
| 1,3,5-Trinitrobenzene       | <0.642        | U                | 5.70        | 4.569      |               | ug/L |   | 80   | 42 - 130    | 8   | 30        |
| 1,3-Dinitrobenzene          | <0.577        | U F1             | 5.70        | 8.402      |               | ug/L |   | 147  | 65 - 150    | 7   | 30        |
| 1,4-Naphthoquinone          | <0.0602       | U                | 5.70        | 6.686      |               | ug/L |   | 117  | 24 - 137    | 7   | 30        |
| 1-Naphthylamine             | <0.265        | U F2 *-          | 5.70        | 2.951      | F2            | ug/L |   | 52   | 10 - 78     | 51  | 30        |
| 2,6-Dichlorophenol          | <0.0956       | U                | 5.70        | 6.501      |               | ug/L |   | 114  | 42 - 145    | 8   | 30        |
| 2-Acetylaminofluorene       | <1.68         | U F1             | 5.70        | 11.81      | F1            | ug/L |   | 207  | 45 - 150    | 4   | 30        |
| 2-Chlorophenol              | <0.101        | U                | 5.70        | 7.000      |               | ug/L |   | 123  | 51 - 143    | 7   | 30        |
| 2-Naphthylamine             | <0.405        | U                | 5.70        | 2.327      |               | ug/L |   | 41   | 17 - 92     | 25  | 30        |
| 2-Picoline                  | <1.01         | U *- F1 *1       | 5.70        | <1.03      | U F1          | ug/L |   | 0    | 10 - 143    | NC  | 30        |
| 2-Toluidine                 | <0.417        | U                | 5.70        | 2.659      |               | ug/L |   | 47   | 10 - 79     | 4   | 30        |
| 3,3'-Dichlorobenzidine      | <0.639        | U                | 5.70        | 4.073      |               | ug/L |   | 71   | 10 - 128    | 22  | 30        |
| 3,3'-Dimethylbenzidine      | <0.290        | U *- F1 *1       | 5.70        | <0.294     | U F1          | ug/L |   | 0    | 10 - 78     | NC  | 30        |
| 3-Methylcholanthrene        | <0.0867       | U                | 5.70        | 6.017      |               | ug/L |   | 106  | 53 - 130    | 8   | 30        |
| 4-Nitroquinoline-1-oxide    | <0.626        | U                | 5.70        | 2.346      |               | ug/L |   | 41   | 20 - 140    | 0   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276083

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 7,12-Dimethylbenz(a)anthracene      | <0.126        | U                | 5.70        | 7.322      |               | ug/L |   | 129  | 27 - 146    | 4   | 30        |
| alpha,alpha-Dimethyl phenethylamine | <1.43         | U *- F1          | 5.70        | <1.45      | U F1          | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1                      | <0.181        | U F1             | 2.85        | 4.824      | F1            | ug/L |   | 169  | 45 - 150    | 9   | 30        |
| Aramite Peak 2                      | <0.199        | U F1             | 2.85        | 3.884      |               | ug/L |   | 136  | 45 - 150    | 12  | 30        |
| Diallate Peak 1                     | <0.0735       | U                | 4.22        | 5.156      |               | ug/L |   | 122  | 47 - 150    | 7   | 30        |
| Diallate Peak 2                     | <0.0294       | U                | 1.48        | 1.836      |               | ug/L |   | 124  | 53 - 142    | 10  | 30        |
| Ethyl methanesulfonate              | <0.182        | U                | 5.70        | 3.737      |               | ug/L |   | 66   | 45 - 138    | 6   | 30        |
| Hexachloropropene                   | <0.562        | U                | 5.70        | 2.195      |               | ug/L |   | 39   | 35 - 140    | 11  | 30        |
| Isosafrole                          | <0.0227       | U                | 5.70        | 5.817      |               | ug/L |   | 102  | 47 - 137    | 8   | 30        |
| Isosafrole Peak 1                   | <0.0227       | U                | 0.912       | 0.9384     |               | ug/L |   | 103  | 48 - 132    | 7   | 30        |
| Isosafrole Peak 2                   | <0.0968       | U                | 4.79        | 4.879      |               | ug/L |   | 102  | 47 - 137    | 9   | 30        |
| Methyl methanesulfonate             | <0.183        | U F1             | 5.70        | 1.589      | F1            | ug/L |   | 28   | 33 - 140    | 4   | 30        |
| N-Nitrosodiethylamine               | <0.662        | U                | 5.70        | 5.286      |               | ug/L |   | 93   | 50 - 136    | 7   | 30        |
| N-Nitrosodi-n-butylamine            | <0.711        | U F1             | 5.70        | 8.536      |               | ug/L |   | 150  | 30 - 150    | 9   | 30        |
| N-Nitrosomethylethylamine           | <0.689        | U                | 5.70        | 3.258      |               | ug/L |   | 57   | 30 - 148    | 6   | 30        |
| N-Nitrosomorpholine                 | <0.701        | U                | 5.70        | 2.690      |               | ug/L |   | 47   | 40 - 140    | 4   | 30        |
| N-Nitrosopyrrolidine                | <0.107        | U                | 5.70        | 2.922      |               | ug/L |   | 51   | 20 - 130    | 5   | 30        |
| p-Dimethylamino azobenzene          | <0.152        | U F1             | 5.70        | 8.779      | F1            | ug/L |   | 154  | 16 - 150    | 6   | 30        |
| Pentachloronitrobenzene             | <0.248        | U F1             | 5.70        | 7.851      |               | ug/L |   | 138  | 38 - 145    | 10  | 30        |
| Phenacetin                          | <0.248        | U                | 5.70        | 7.009      |               | ug/L |   | 123  | 50 - 150    | 8   | 30        |
| p-Phenylene diamine                 | <5.62         | U *- F1          | 5.70        | <5.70      | U             | ug/L |   | NC   | 5 - 112     | NC  | 30        |
| Pronamide                           | <0.132        | U                | 5.70        | 7.402      |               | ug/L |   | 130  | 60 - 150    | 10  | 30        |
| Safrole, Total                      | <0.0905       | U *-             | 5.70        | 5.607      |               | ug/L |   | 98   | 70 - 130    | 9   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 140           | S1+           | 26 - 136 |
| 2-Fluorobiphenyl            | 96            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 53            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 124           |               | 32 - 133 |
| Phenol-d5 (Surr)            | 32            |               | 8 - 124  |
| p-Terphenyl-d14             | 106           |               | 28 - 130 |

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 279096

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 278971

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Dimethoate                       | <0.490        | U **             | 2.87        | 6.155     | H F1         | ug/L |   | 215  | 70 - 150    |
| Dinoseb                          | <0.665        | U **             | 5.73        | 9.076     | H F1         | ug/L |   | 158  | 10 - 150    |
| Disulfoton                       | <2.12         | U **             | 2.87        | 7.539     | H F1         | ug/L |   | 263  | 80 - 150    |
| Ethyl Parathion                  | <0.615        | U **             | 2.87        | 7.745     | H F1         | ug/L |   | 270  | 70 - 150    |
| Famphur                          | <0.254        | U                | 2.87        | 4.862     | H F1         | ug/L |   | 170  | 10 - 150    |
| Methapyrilene                    | <1.49         | U **             | 5.73        | 6.268     | H            | ug/L |   | 109  | 10 - 150    |
| Methyl parathion                 | <2.72         | U **             | 2.87        | 8.370     | H F1         | ug/L |   | 292  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 0.888         |                  | 2.87        | 3.993     | H            | ug/L |   | 108  | 38 - 150    |
| Phorate                          | <2.57         | U **             | 2.87        | 6.690     | H F1         | ug/L |   | 233  | 65 - 150    |
| Sulfotepp                        | <0.463        | U **             | 2.87        | 6.836     | H F1         | ug/L |   | 239  | 28 - 150    |
| Thionazin                        | <0.334        | U **             | 2.87        | 3.325     | H            | ug/L |   | 116  | 40 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 64        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 64        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 29        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 75        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 16        |           | 8 - 124  |
| p-Terphenyl-d14             | 66        |           | 28 - 130 |

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 279096

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 278971

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Aramite, Total                   | <0.181        | U *-             | 2.85        | 2.854      | H             | ug/L |   | 100  | 45 - 150    | 13  | 30        |
| Diallate                         | <0.0294       | U *-             | 2.85        | 2.086      | H             | ug/L |   | 73   | 47 - 150    | 10  | 30        |
| Dimethoate                       | <0.490        | U *+             | 2.85        | 6.477      | H F1          | ug/L |   | 227  | 70 - 150    | 5   | 30        |
| Dinoseb                          | <0.665        | U *+             | 5.70        | 10.43      | H F1          | ug/L |   | 183  | 10 - 150    | 14  | 30        |
| Disulfoton                       | <2.12         | U *+             | 2.85        | 8.588      | H F1          | ug/L |   | 301  | 80 - 150    | 13  | 30        |
| Ethyl Parathion                  | <0.615        | U *+             | 2.85        | 8.765      | H F1          | ug/L |   | 308  | 70 - 150    | 12  | 30        |
| Famphur                          | <0.254        | U                | 2.85        | 5.354      | H F1          | ug/L |   | 188  | 10 - 150    | 10  | 30        |
| Methapyrilene                    | <1.49         | U *+             | 5.70        | 7.331      | H             | ug/L |   | 129  | 10 - 150    | 16  | 30        |
| Methyl parathion                 | <2.72         | U *+             | 2.85        | 9.407      | H F1          | ug/L |   | 330  | 80 - 150    | 12  | 30        |
| o,o',o"-Triethylphosphorothioate | 0.888         |                  | 2.85        | 4.542      | H             | ug/L |   | 128  | 38 - 150    | 13  | 30        |
| Phorate                          | <2.57         | U *+             | 2.85        | 7.595      | H F1          | ug/L |   | 267  | 65 - 150    | 13  | 30        |
| Sulfotepp                        | <0.463        | U *+             | 2.85        | 7.506      | H F1          | ug/L |   | 263  | 28 - 150    | 9   | 30        |
| Thionazin                        | <0.334        | U *+             | 2.85        | 3.967      | H             | ug/L |   | 139  | 40 - 140    | 18  | 30        |

|                             | MSD       | MSD       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 68        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 65        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 26        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 77        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 13        |           | 8 - 124  |
| p-Terphenyl-d14             | 65        |           | 28 - 130 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Diphenyl ether - DL | 1070          |                  | 5.68        | 1027      | 4            | ug/L |   | -751 | 46 - 130    |

|                                  | MS        | MS        |          |
|----------------------------------|-----------|-----------|----------|
| Surrogate                        | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) - DL | 258       | S1+       | 26 - 136 |
| 2-Fluorobiphenyl - DL            | 137       | S1+       | 39 - 130 |
| 2-Fluorophenol (Surr) - DL       | 85        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr) - DL      | 159       | S1+       | 32 - 133 |
| Phenol-d5 (Surr) - DL            | 44        |           | 8 - 124  |
| p-Terphenyl-d14 - DL             | 137       | S1+       | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec  | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|-------|-------------|-----|-----------|
| Diphenyl ether - DL              | 1070          |                  | 5.70        | 927.0      | 4             | ug/L |   | -2498 | 46 - 130    | 10  | 30        |
| Surrogate                        | MSD %Recovery | MSD Qualifier    | Limits      |            |               |      |   |       |             |     |           |
| 2,4,6-Tribromophenol (Surr) - DL | 225           | S1+              | 26 - 136    |            |               |      |   |       |             |     |           |
| 2-Fluorobiphenyl - DL            | 107           |                  | 39 - 130    |            |               |      |   |       |             |     |           |
| 2-Fluorophenol (Surr) - DL       | 72            |                  | 19 - 120    |            |               |      |   |       |             |     |           |
| Nitrobenzene-d5 (Surr) - DL      | 126           |                  | 32 - 133    |            |               |      |   |       |             |     |           |
| Phenol-d5 (Surr) - DL            | 37            |                  | 8 - 124     |            |               |      |   |       |             |     |           |
| p-Terphenyl-d14 - DL             | 116           |                  | 28 - 130    |            |               |      |   |       |             |     |           |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: 860-116304-5 MS

Matrix: Water

Analysis Batch: 276472

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |  |  |
|----------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|--|--|
| N-Nitrosodimethylamine - RA      | <0.156        | U F1             | 5.68        | 1.564     | F1           | ug/L |   | 28   | 33 - 148    |  |  |
| Surrogate                        | MS %Recovery  | MS Qualifier     | Limits      |           |              |      |   |      |             |  |  |
| 2,4,6-Tribromophenol (Surr) - RA | 135           |                  | 26 - 136    |           |              |      |   |      |             |  |  |
| 2-Fluorobiphenyl - RA            | 106           |                  | 39 - 130    |           |              |      |   |      |             |  |  |
| 2-Fluorophenol (Surr) - RA       | 66            |                  | 19 - 120    |           |              |      |   |      |             |  |  |
| Nitrobenzene-d5 (Surr) - RA      | 131           |                  | 32 - 133    |           |              |      |   |      |             |  |  |
| Phenol-d5 (Surr) - RA            | 38            |                  | 8 - 124     |           |              |      |   |      |             |  |  |
| p-Terphenyl-d14 - RA             | 108           |                  | 28 - 130    |           |              |      |   |      |             |  |  |

Lab Sample ID: 860-116304-5 MSD

Matrix: Water

Analysis Batch: 276472

Client Sample ID: MW-18

Prep Type: Total/NA

Prep Batch: 275662

| Analyte                          | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| N-Nitrosodimethylamine - RA      | <0.156        | U F1             | 5.70        | 1.497      | F1            | ug/L |   | 26   | 33 - 148    | 4   | 30        |
| Surrogate                        | MSD %Recovery | MSD Qualifier    | Limits      |            |               |      |   |      |             |     |           |
| 2,4,6-Tribromophenol (Surr) - RA | 124           |                  | 26 - 136    |            |               |      |   |      |             |     |           |
| 2-Fluorobiphenyl - RA            | 100           |                  | 39 - 130    |            |               |      |   |      |             |     |           |
| 2-Fluorophenol (Surr) - RA       | 63            |                  | 19 - 120    |            |               |      |   |      |             |     |           |
| Nitrobenzene-d5 (Surr) - RA      | 123           |                  | 32 - 133    |            |               |      |   |      |             |     |           |
| Phenol-d5 (Surr) - RA            | 37            |                  | 8 - 124     |            |               |      |   |      |             |     |           |
| p-Terphenyl-d14 - RA             | 104           |                  | 28 - 130    |            |               |      |   |      |             |     |           |

## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

### GC/MS VOA

#### Analysis Batch: 276012

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116304-1      | MW-19                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-2      | MW-22                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-3      | MW-20                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-4      | MW-24                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-5      | MW-18                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-6      | TB-07                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-7      | MW-06                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-8      | MW-09                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-9      | MW-07                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276012/10  | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276012/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276012/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116304-5 MS   | MW-18                  | Total/NA  | Water  | 8260D  |            |
| 860-116304-5 MSD  | MW-18                  | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 276228

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116304-6 - RA   | TB-07                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276228/19    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276228/1013 | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276228/14  | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115992-C-31 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 276237

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 860-116304-8 - RA  | MW-09                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276237/9    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276237/3   | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276237/4  | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116480-B-1 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |
| 860-116480-B-1 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 276330

| Lab Sample ID          | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------------|------------------------|-----------|--------|--------|------------|
| 860-116304-5 - RA      | MW-18                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276330/7        | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276330/3       | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276330/4      | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-115835-A-8 MS - DL | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 275662

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116304-1      | MW-19            | Total/NA  | Water  | 3511   |            |
| 860-116304-1 - RA | MW-19            | Total/NA  | Water  | 3511   |            |
| 860-116304-1 - DL | MW-19            | Total/NA  | Water  | 3511   |            |
| 860-116304-2      | MW-22            | Total/NA  | Water  | 3511   |            |
| 860-116304-2 - DL | MW-22            | Total/NA  | Water  | 3511   |            |
| 860-116304-2 - RA | MW-22            | Total/NA  | Water  | 3511   |            |
| 860-116304-3      | MW-20            | Total/NA  | Water  | 3511   |            |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 275662 (Continued)

| Lab Sample ID         | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 860-116304-3 - DL     | MW-20                  | Total/NA  | Water  | 3511   |            |
| 860-116304-3 - RA     | MW-20                  | Total/NA  | Water  | 3511   |            |
| 860-116304-3 - DL2    | MW-20                  | Total/NA  | Water  | 3511   |            |
| 860-116304-4          | MW-24                  | Total/NA  | Water  | 3511   |            |
| 860-116304-4 - DL     | MW-24                  | Total/NA  | Water  | 3511   |            |
| 860-116304-4 - RA     | MW-24                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5          | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5 - RA     | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5 - DL     | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-7          | MW-06                  | Total/NA  | Water  | 3511   |            |
| 860-116304-7 - RA     | MW-06                  | Total/NA  | Water  | 3511   |            |
| 860-116304-8          | MW-09                  | Total/NA  | Water  | 3511   |            |
| 860-116304-8 - RA     | MW-09                  | Total/NA  | Water  | 3511   |            |
| 860-116304-9          | MW-07                  | Total/NA  | Water  | 3511   |            |
| 860-116304-9 - RA     | MW-07                  | Total/NA  | Water  | 3511   |            |
| MB 860-275662/1-A     | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/2-A    | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275662/4-A    | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/3-A   | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275662/5-A   | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| 860-116304-5 MS       | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5 MS - RA  | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5 MS - DL  | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5 MSD      | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5 MSD - DL | MW-18                  | Total/NA  | Water  | 3511   |            |
| 860-116304-5 MSD - RA | MW-18                  | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 275931

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116304-4  | MW-24            | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 275964

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275662/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276083

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 860-116304-1     | MW-19            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-2     | MW-22            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-3     | MW-20            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5     | MW-18            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-7     | MW-06            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-8     | MW-09            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-9     | MW-07            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 MS  | MW-18            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 MSD | MW-18            | Total/NA  | Water  | 8270E  | 275662     |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

## GC/MS Semi VOA

### Analysis Batch: 276290

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275662/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275662     |
| LCS 860-275662/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275662     |
| LCSD 860-275662/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276472

| Lab Sample ID         | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------|-----------|--------|--------|------------|
| 860-116304-1 - RA     | MW-19            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-1 - DL     | MW-19            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-2 - RA     | MW-22            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-3 - RA     | MW-20            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 - RA     | MW-18            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 - DL     | MW-18            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-7 - RA     | MW-06            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-9 - RA     | MW-07            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 MS - RA  | MW-18            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 MS - DL  | MW-18            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 MSD - RA | MW-18            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-5 MSD - DL | MW-18            | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276619

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116304-4 - RA | MW-24            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-4 - DL | MW-24            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-8 - RA | MW-09            | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 276908

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116304-1 - DL | MW-19            | Total/NA  | Water  | 8270E  | 275662     |
| 860-116304-3 - DL | MW-20            | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 277021

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116304-2 - DL | MW-22            | Total/NA  | Water  | 8270E  | 275662     |

### Analysis Batch: 278944

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116304-3 - DL2 | MW-20            | Total/NA  | Water  | 8270E  | 275662     |

### Prep Batch: 278971

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 860-116304-5 MS  | MW-18            | Total/NA  | Water  | 3511   |            |
| 860-116304-5 MSD | MW-18            | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 279096

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 860-116304-5 MS  | MW-18            | Total/NA  | Water  | 8270E  | 278971     |
| 860-116304-5 MSD | MW-18            | Total/NA  | Water  | 8270E  | 278971     |

Eurofins Houston

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

**Client Sample ID: MW-19**

**Date Collected: 11/10/25 10:13**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 00:23       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 07:03       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 16:15       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 276472       | 11/18/25 16:45       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 2000       | 1 mL           | 1 mL         | 276908       | 11/19/25 22:31       | EM      | EET HOU |

**Client Sample ID: MW-22**

**Date Collected: 11/10/25 11:09**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 00:43       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.5 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 07:33       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.5 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 17:15       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.5 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 2000       | 1 mL           | 1 mL         | 277021       | 11/20/25 03:25       | T1S     | EET HOU |

**Client Sample ID: MW-20**

**Date Collected: 11/10/25 12:54**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 01:04       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 08:03       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 17:44       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 276908       | 11/19/25 23:00       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 70.1 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 500        | 1 mL           | 1 mL         | 278944       | 12/01/25 15:05       | DB      | EET HOU |

**Client Sample ID: MW-24**

**Date Collected: 11/10/25 14:00**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 01:24       | A1S     | EET HOU |

Eurofins Houston

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

**Client Sample ID: MW-24**

**Date Collected: 11/10/25 14:00**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3511         |     |            | 70.4 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275931       | 11/14/25 23:03       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.4 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 05:58       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.4 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 10         | 1 mL           | 1 mL         | 276619       | 11/19/25 06:27       | EM      | EET HOU |

**Client Sample ID: MW-18**

**Date Collected: 11/10/25 14:49**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        | RA  | 1          | 5 mL           | 5 mL         | 276330       | 11/17/25 13:30       | KLK     | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 00:02       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 71.2 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 09:04       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 71.2 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 18:43       | PXS     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 71.2 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 276472       | 11/18/25 19:13       | PXS     | EET HOU |

**Client Sample ID: TB-07**

**Date Collected: 11/10/25 00:00**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        | RA  | 1          | 5 mL           | 5 mL         | 276228       | 11/17/25 16:34       | NA      | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/14/25 23:42       | A1S     | EET HOU |

**Client Sample ID: MW-06**

**Date Collected: 11/11/25 11:34**

**Date Received: 11/12/25 09:00**

**Lab Sample ID: 860-116304-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 01:45       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.7 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 10:33       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.7 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 21:39       | PXS     | EET HOU |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

**Client Sample ID: MW-09**

**Lab Sample ID: 860-116304-8**

**Date Collected: 11/11/25 14:20**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 02:05       | A1S     | EET HOU |
| Total/NA  | Analysis   | 8260D        | RA  | 1          | 5 mL           | 5 mL         | 276237       | 11/17/25 15:08       | MS      | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.8 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 11:03       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.8 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276619       | 11/19/25 00:35       | EM      | EET HOU |

**Client Sample ID: MW-07**

**Lab Sample ID: 860-116304-9**

**Date Collected: 11/11/25 15:09**

**Matrix: Water**

**Date Received: 11/12/25 09:00**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276012       | 11/15/25 02:26       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 276083       | 11/15/25 08:34       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.3 mL        | 4 mL         | 275662       | 11/13/25 14:11       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 276472       | 11/18/25 18:14       | PXS     | EET HOU |

## Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-23-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116304-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116304-1  | MW-19            | Water  | 11/10/25 10:13 | 11/12/25 09:00 | Mississippi   |
| 860-116304-2  | MW-22            | Water  | 11/10/25 11:09 | 11/12/25 09:00 | Mississippi   |
| 860-116304-3  | MW-20            | Water  | 11/10/25 12:54 | 11/12/25 09:00 | Mississippi   |
| 860-116304-4  | MW-24            | Water  | 11/10/25 14:00 | 11/12/25 09:00 | Mississippi   |
| 860-116304-5  | MW-18            | Water  | 11/10/25 14:49 | 11/12/25 09:00 | Mississippi   |
| 860-116304-6  | TB-07            | Water  | 11/10/25 00:00 | 11/12/25 09:00 | Mississippi   |
| 860-116304-7  | MW-06            | Water  | 11/11/25 11:34 | 11/12/25 09:00 | Mississippi   |
| 860-116304-8  | MW-09            | Water  | 11/11/25 14:20 | 11/12/25 09:00 | Mississippi   |
| 860-116304-9  | MW-07            | Water  | 11/11/25 15:09 | 11/12/25 09:00 | Mississippi   |

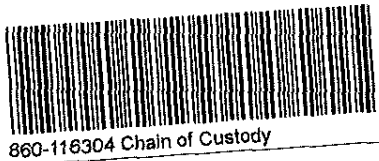


**Eurofins Houston**  
4145 Greenbriar Dr  
Stafford TX 77477  
Phone (281) 240-4200

## Chain of Custody Record

RUAD

eurofins

| <b>Client Information</b><br>Client Contact: <u>Mr Antonio Cardoso</u><br>Company: <u>Arcadis US Inc.</u><br>Address: <u>4300 West Cypress Street, Suite 450</u><br>City: <u>Tampa</u><br>State Zip: <u>FL, 33607</u><br>Phone: <u>1095575</u><br>Email: <u>antonio.cardoso@arcadis.com</u><br>Project Name: <u>Hercules Hattiesburg MS</u><br>Site: <u>SSOW#:</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |             |                              | <b>Analysis Requested</b><br>Due Date Requested: _____<br>TAT Requested (days): _____<br>Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>PO #: _____<br>WO #: _____<br>Project #: <u>86006085</u><br>SSOW#: _____                                                                                                                                                                                        |                   |                                     |                                     | Lab PM: <u>Kudachkar Sachin G</u><br>E-Mail: <u>Sachin.Kudachkar@et.eurofinus.com</u><br>State of Origin: <u>FL</u><br>Job #: <u>1011</u><br>COC No: <u>860-33465-10045 1</u> |                                     |                                     |                |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |   |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |
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------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|-------|----------|------|---|-------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|-------|----------|------|---|-------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|-------|----------|---|---|-------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|-------|----------|------|---|-------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|-------|----------|------|---|-------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|-------|----------|------|---|-------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <b>Possible Hazard Identification</b><br><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological<br>Deliverable Requested: I II III IV Other (specify) _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |             |                              | <b>Sample Disposal</b> (A fee may be assessed if samples are retained longer than 1 month)<br><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months<br>Special Instructions/OC Requirements: _____                                                                                                                                                                   |                   |                                     |                                     | Preservation Codes:<br>N None<br>Other: _____                                                                                                                                 |                                     |                                     |                |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |   |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |
| <b>Empty Kit Relinquished by:</b> _____ Date: _____<br><b>Relinquished by:</b> <u>Antonio Cardoso</u> Date/Time: <u>11/11/25 1600</u> Company: <u>Arcadis</u><br><b>Relinquished by:</b> _____ Date/Time: _____ Company: _____<br><b>Relinquished by:</b> _____ Date/Time: _____ Company: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |             |                              | <b>Method of Shipment:</b> _____<br>Received by: _____ Date/Time: _____<br>Received by: <u>Murphy</u> Date/Time: <u>11-12 25 400</u><br>Received by: _____ Date/Time: _____                                                                                                                                                                                                                                                                         |                   |                                     |                                     | Special Instructions/Note: _____                                                                                                                                              |                                     |                                     |                |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |            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           |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |
| <b>Custody Seals Intact:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>Custody Seal No.</b> _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |             |                              | <b>Field Filtered Sample (Yes or No)</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><b>Perform MS/MSD (Yes or No)</b><br>8270E_QQQ (MOD) Appendix 9 SVOCs <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>8260D (MOD) Appendix 9 VOCs <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>8321A_Defnav <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                   |                                     |                                     | Total Number of Containers: <u>7</u>                                                                                                                                          |                                     |                                     |                |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                    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| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample Identification</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=Comp, G=Grab)</th> <th>Matrix (Synthetic, Spiked, Composite, etc.)</th> <th>Preservation Code</th> <th>Field Filtered</th> <th>Perform MS/MSD</th> <th>8270E_QQQ</th> <th>8260D</th> <th>8321A_Defnav</th> <th>Temp</th> <th>IR ID</th> </tr> </thead> <tbody> <tr> <td><del>NU-19</del></td> <td>11/10/25</td> <td>1013</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> <tr> <td>NU-22</td> <td>11/10/25</td> <td>1109</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> <tr> <td>NU-20</td> <td>11/10/25</td> <td>1254</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> <tr> <td>NU-24</td> <td>11/10/25</td> <td>1400</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> <tr> <td>NU-18</td> <td>11/10/25</td> <td>1449</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>2</td> <td></td> </tr> <tr> <td>TR-07</td> <td>11/10/25</td> <td>-</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> <tr> <td>NU-06</td> <td>11/11/25</td> <td>1134</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> <tr> <td>NU-09</td> <td>11/11/25</td> <td>1420</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> <tr> <td>NU-07</td> <td>11/11/25</td> <td>1509</td> <td>G</td> <td>Water</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>7</td> <td></td> </tr> </tbody> </table> |             |             |                              | Sample Identification                                                                                                                                                                                                                                                                                                                                                                                                                               | Sample Date       | Sample Time                         | Sample Type (C=Comp, G=Grab)        | Matrix (Synthetic, Spiked, Composite, etc.)                                                                                                                                   | Preservation Code                   | Field Filtered                      | Perform MS/MSD | 8270E_QQQ | 8260D | 8321A_Defnav | Temp | IR ID | <del>NU-19</del> | 11/10/25 | 1013 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | NU-22 | 11/10/25 | 1109 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | NU-20 | 11/10/25 | 1254 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | NU-24 | 11/10/25 | 1400 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | NU-18 | 11/10/25 | 1449 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 2 |  | TR-07 | 11/10/25 | - | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | NU-06 | 11/11/25 | 1134 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | NU-09 | 11/11/25 | 1420 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | NU-07 | 11/11/25 | 1509 | G | Water |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7 |  | 860-116304 Chain of Custody<br><br>Temp: <u>11</u> IR ID: <u>HOU-368</u><br>C/F: <u>+0.4</u><br>Corrected Temp: <u>1.5</u> |  |  |  |
| Sample Identification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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       | Preservation Code | Field Filtered                      | Perform MS/MSD                      | 8270E_QQQ                                                                                                                                                                     | 8260D                               | 8321A_Defnav                        | Temp           | IR ID     |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |            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| <del>NU-19</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| NU-22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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       |                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                                                                                                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7              |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |            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           |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |
| NU-20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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           |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |
| NU-24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| NU-18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| TR-07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11/10/25    | -           | G                            | Water                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                                                                                                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7              |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |   |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |
| NU-06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| NU-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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       |                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                                                                                                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7              |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |   |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |
| NU-07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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       |                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                                                                                                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 7              |           |       |              |      |       |                  |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |   |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |       |          |      |   |       |  |                                     |                                     |                                     |                                     |                                     |   |  |                                                                                                                                                                                                               |  |  |  |

## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116304-1

**Login Number: 116304**

**List Source: Eurofins Houston**

**List Number: 1**

**Creator: Jimenez, Nicanor**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 12/9/2025 3:30:35 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116358-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
12/9/2025 3:30:35 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
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(281)748-9025

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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| E         | Result exceeded calibration range.                                                                             |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.  |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1-       | Surrogate recovery exceeds control limits, low biased.                                                         |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### LCMS

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |

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# Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report.          |
|--------------|--------------------------------------------------------------------------------------|
| RL           | Reporting Limit or Requested Limit (Radiochemistry)                                  |
| RPD          | Relative Percent Difference, a measure of the relative difference between two points |
| TEF          | Toxicity Equivalent Factor (Dioxin)                                                  |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)                                                |
| TNTC         | Too Numerous To Count                                                                |

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# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Job ID: 860-116358-1**

**Eurofins Houston**

## Job Narrative 860-116358-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/13/2025 9:32 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

### GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-13 (860-116358-4), DUPE-01 (860-116358-5), MW-08 (860-116358-6), MW-21 (860-116358-10), MW-23 (860-116358-11) and MW-17 (860-116358-12). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-21 (860-116358-10). Elevated reporting limits (RLs) are provided.

Method 8260D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 860-276713 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Benzene and Toluene in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-276785 recovered above the upper control limit for 2-Butanone, Ethyl methacrylate, Iodomethane, trans-1,4-Dichloro-2-butene, and vinyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276785/2).

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-276785 recovered outside acceptance criteria, low biased, for Isopropyl alcohol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-276785 recovered outside control limits for the following analytes: Ethyl methacrylate and trans-1,4-Dichloro-2-butene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-276785 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275886 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275886/11).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275886 recovered above the upper control limit for 2-Acetylaminofluorene, Benzo[a]anthracene, Bis(2-ethylhexyl) phthalate, Di-n-octyl phthalate and Phenacetin. The

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Job ID: 860-116358-1 (Continued)

Eurofins Houston

samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275886/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-275669 and analytical batch 860-275886 recovered outside control limits for the following analytes: Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methapyrilene, Methyl parathion, Phorate and Sulfotepp. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-21 (860-116358-10), MW-23 (860-116358-11) and MW-17 (860-116358-12). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-21 (860-116358-10), MW-23 (860-116358-11) and MW-17 (860-116358-12). These results have been reported and qualified.

Method 8270E\_QQQ: The following samples were re-prepared and re-analyzed outside of preparation holding time due to initial analysis. LCS/LCSD recoveries outside control limits (biased low): MW-04 (860-116358-1), RB-01 (860-116358-2), MW-16 (860-116358-3), MW-13 (860-116358-4), DUPE-01 (860-116358-5), MW-08 (860-116358-6), MW-14 (860-116358-8) and MW-15 (860-116358-9).

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16 (860-116358-3), MW-13 (860-116358-4), DUPE-01 (860-116358-5), MW-08 (860-116358-6), MW-14 (860-116358-8) and MW-15 (860-116358-9). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-279228 recovered above the upper control limit for 1,3,5-Trinitrobenzene, 2,3,4,6-Tetrachlorophenol, 2,4-Dinitrotoluene, 2-Acetylaminofluorene, 2-Nitrophenol, 4-Nitroquinoline-1-oxide, Aramite Peak 1, Aramite Peak 2, Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, Di-n-octyl phthalate, Nitrobenzene-d5 (Surr), N-Nitro-o-toluidine and p-Dimethylamino azobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-279228/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-279228 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Famphur, Methapyrilene, Methyl parathion, o,o',o"-Triethylphosphorothioate, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-279228/3).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-279292 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:(CCV 860-279292/3) and (CCVIS 860-279292/2).

Method 8270E\_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-279016 and analytical batch 860-279292 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 8270E\_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-275669 and analytical batch 860-275886 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and re-analyzed outside holding time.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Job ID: 860-116358-1 (Continued)

Eurofins Houston

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275973 recovered above the upper control limit for Benzo[a]anthracene, Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-275973/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-275973 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methapyrilene, o,o',o"-Triethylphosphorothioate, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275973/3).

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16 (860-116358-3), MW-13 (860-116358-4), DUPE-01 (860-116358-5), MW-08 (860-116358-6) and MW-15 (860-116358-9). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-16 (860-116358-3), MW-13 (860-116358-4), DUPE-01 (860-116358-5), MW-08 (860-116358-6) and MW-15 (860-116358-9). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-04 (860-116358-1) and MW-14 (860-116358-8). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-04 (860-116358-1) and MW-14 (860-116358-8). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276932 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methapyrilene, o,o',o"-Triethylphosphorothioate, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276932/3).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276932 recovered above the upper control limit for Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-276932/2).

Method 8270E\_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 860-276655 and analytical batch 860-276932 recovered outside control limits for the following analytes: Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Methapyrilene, Methyl parathion, Phorate and Sulfotepp. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 10% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-277528 recovered above the upper control limit for 2,4,5-Trichlorophenol, 2-Acetylaminofluorene, Aramite Peak 1, Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, Di-n-octyl phthalate, N-Nitrosodi-n-butylamine and Phenacetin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-277528/2).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-277528 recovered above the upper control limit for Dimethoate, Dinoseb, Disulfoton, Ethyl Parathion, Famphur, Methyl parathion, Phorate, Sulfotepp and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-277528/3).

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Job ID: 860-116358-1 (Continued)**

**Eurofins Houston**

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-21 (860-116358-10), MW-23 (860-116358-11) and MW-17 (860-116358-12). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-21 (860-116358-10), MW-23 (860-116358-11) and MW-17 (860-116358-12). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### LCMS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Client Sample ID: MW-04

### Lab Sample ID: 860-116358-1

| Analyte                                 | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 2-Propanol                              | 19.6   |           | 10.0  | 5.23  | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,4-Dioxane                             | 4.88   |           | 0.572 | 0.105 | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether                 | 0.757  | *-        | 0.572 | 0.107 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL2                    | 113    |           | 57.2  | 10.1  | ug/L | 100     |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate - DL2 | 64.8   |           | 57.2  | 13.2  | ug/L | 100     |   | 8270E  | Total/NA  |
| 1,4-Dioxane - RE                        | 6.07   | H *1      | 0.562 | 0.103 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: RB-01

### Lab Sample ID: 860-116358-2

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Diphenyl ether | 0.475  | J         | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-16

### Lab Sample ID: 860-116358-3

| Analyte                                | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| 2-Propanol                             | 17.3   |           | 10.0  | 5.23   | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrahydrofuran                        | 5.92   | J         | 10.0  | 1.83   | ug/L | 1       |   | 8260D  | Total/NA  |
| Acenaphthene                           | 0.162  | J         | 0.565 | 0.100  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                         | 2.39   |           | 0.565 | 0.0999 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                       | 687    |           | 282   | 51.8   | ug/L | 500     |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate - DL | 4120   |           | 282   | 65.3   | ug/L | 500     |   | 8270E  | Total/NA  |
| Acenaphthene - RE                      | 0.143  | J H       | 0.576 | 0.102  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - RE                    | 1.77   | H         | 0.576 | 0.102  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - REDL                     | 305    | H *1      | 288   | 52.8   | ug/L | 500     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-13

### Lab Sample ID: 860-116358-4

| Analyte                                | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene                                | 344    |           | 10.0  | 4.60   | ug/L | 10      |   | 8260D  | Total/NA  |
| Carbon tetrachloride                   | 1900   |           | 20.0  | 8.96   | ug/L | 10      |   | 8260D  | Total/NA  |
| Chlorobenzene                          | 27.2   |           | 10.0  | 4.55   | ug/L | 10      |   | 8260D  | Total/NA  |
| Chloroform                             | 320    |           | 10.0  | 4.64   | ug/L | 10      |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene                    | 0.596  | *-        | 0.568 | 0.100  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene                    | 0.654  | *-        | 0.568 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol                     | 0.288  | J         | 0.568 | 0.0939 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                         | 0.154  | J         | 0.568 | 0.100  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                       | 250    | J         | 284   | 52.1   | ug/L | 500     |   | 8270E  | Total/NA  |
| o,o',o''-Triethylphosphorothioate - DL | 511    |           | 284   | 65.7   | ug/L | 500     |   | 8270E  | Total/NA  |
| 1,2-Dichlorobenzene - RE               | 0.519  | J H       | 0.568 | 0.100  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene - RE               | 0.577  | H         | 0.568 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,6-Dinitrotoluene - RE                | 1.21   | H I       | 0.568 | 0.271  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - REDL                     | 76.8   | H *1      | 56.8  | 10.4   | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: DUPE-01

### Lab Sample ID: 860-116358-5

| Analyte              | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene              | 331    |           | 10.0  | 4.60   | ug/L | 10      |   | 8260D  | Total/NA  |
| Carbon tetrachloride | 1890   |           | 20.0  | 8.96   | ug/L | 10      |   | 8260D  | Total/NA  |
| Chlorobenzene        | 27.1   |           | 10.0  | 4.55   | ug/L | 10      |   | 8260D  | Total/NA  |
| Chloroform           | 310    |           | 10.0  | 4.64   | ug/L | 10      |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene  | 0.536  | J *-      | 0.573 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene  | 0.598  | *-        | 0.573 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol   | 0.333  | J         | 0.573 | 0.0947 | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Client Sample ID: DUPE-01 (Continued)

Lab Sample ID: 860-116358-5

| Analyte                               | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Diphenyl ether                        | 0.113  | J         | 0.573 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                      | 213    | J         | 287   | 52.5  | ug/L | 500     |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate - DL | 229    | J         | 287   | 66.3  | ug/L | 500     |   | 8270E  | Total/NA  |
| 1,2-Dichlorobenzene - RE              | 0.517  | J H       | 0.573 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene - RE              | 0.586  | H         | 0.573 | 0.110 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,6-Dinitrotoluene - RE               | 1.22   | H I       | 0.573 | 0.274 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - REDL                    | 83.9   | H *1      | 57.3  | 10.5  | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

| Analyte                               | Result  | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------------------|---------|-----------|--------|---------|------|---------|---|--------|-----------|
| Benzene                               | 435     |           | 10.0   | 4.60    | ug/L | 10      |   | 8260D  | Total/NA  |
| Carbon tetrachloride                  | 1510    |           | 20.0   | 8.96    | ug/L | 10      |   | 8260D  | Total/NA  |
| Chlorobenzene                         | 80.1    |           | 10.0   | 4.55    | ug/L | 10      |   | 8260D  | Total/NA  |
| Chloroform                            | 95.2    |           | 10.0   | 4.64    | ug/L | 10      |   | 8260D  | Total/NA  |
| Cyclohexane                           | 132     |           | 50.0   | 12.9    | ug/L | 10      |   | 8260D  | Total/NA  |
| Ethylbenzene                          | 13.2    |           | 10.0   | 3.85    | ug/L | 10      |   | 8260D  | Total/NA  |
| Methylene Chloride                    | 93.1    |           | 50.0   | 17.3    | ug/L | 10      |   | 8260D  | Total/NA  |
| Xylenes, Total                        | 21.4    |           | 20.0   | 12.4    | ug/L | 10      |   | 8260D  | Total/NA  |
| m,p-Xylenes                           | 0.0128  | J         | 0.0200 | 0.0124  | mg/L | 10      |   | 8260D  | Total/NA  |
| o-Xylene                              | 0.00856 | J         | 0.0100 | 0.00502 | mg/L | 10      |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene                   | 0.659   | *-        | 0.576  | 0.102   | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene                   | 0.150   | J         | 0.576  | 0.109   | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene                   | 0.935   | *-        | 0.576  | 0.110   | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dimethylphenol                    | 0.162   | J         | 0.576  | 0.113   | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol                    | 0.942   |           | 0.576  | 0.0951  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diethyl phthalate                     | 0.322   | J         | 1.15   | 0.188   | ug/L | 1       |   | 8270E  | Total/NA  |
| Isophorone                            | 0.191   | J         | 0.576  | 0.107   | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene                           | 0.164   | J         | 0.576  | 0.115   | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol                     | 3.42    |           | 0.576  | 0.314   | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                        | 0.214   | J         | 0.576  | 0.102   | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                      | 1180    |           | 288    | 52.8    | ug/L | 500     |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate - DL | 6630    |           | 288    | 66.6    | ug/L | 500     |   | 8270E  | Total/NA  |
| 1,2-Dichlorobenzene - RE              | 0.553   | J H       | 0.567  | 0.100   | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene - RE              | 0.120   | J H       | 0.567  | 0.107   | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene - RE              | 0.760   | H         | 0.567  | 0.109   | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dimethylphenol - RE               | 0.183   | J H       | 0.567  | 0.111   | ug/L | 1       |   | 8270E  | Total/NA  |
| 4-Chloroaniline - RE                  | 0.794   | H I *1    | 0.567  | 0.0874  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diethyl phthalate - RE                | 0.282   | J H       | 1.13   | 0.185   | ug/L | 1       |   | 8270E  | Total/NA  |
| Isophorone - RE                       | 0.170   | J H       | 0.567  | 0.105   | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene - RE                      | 0.131   | J H       | 0.567  | 0.113   | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol - RE                | 2.86    | H         | 0.567  | 0.309   | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol - RE                           | 0.738   | J H       | 1.13   | 0.502   | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - RE                   | 0.169   | J H       | 0.567  | 0.100   | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol - RE                   | 0.238   | J H       | 0.567  | 0.102   | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - REDL                    | 451     | H *1      | 283    | 51.9    | ug/L | 500     |   | 8270E  | Total/NA  |

### Client Sample ID: TB-09

Lab Sample ID: 860-116358-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston



## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

| Analyte                                | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Acetone                                | 10.1   | J         | 100   | 3.07  | ug/L | 1       |   | 8260D  | Total/NA  |
| Pentachlorophenol                      | 0.327  | J         | 0.569 | 0.311 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                         | 15.9   |           | 0.569 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL2                      | 530    |           | 56.9  | 10.4  | ug/L | 100     |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate - DL2 | 390    |           | 56.9  | 13.2  | ug/L | 100     |   | 8270E  | Total/NA  |
| Diphenyl ether - RE                    | 6.27   | H         | 0.573 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - REDL                     | 249    | H *1      | 57.3  | 10.5  | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

| Analyte                               | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Acetone                               | 9.57   | J         | 100   | 3.07  | ug/L | 1       |   | 8260D  | Total/NA  |
| Diphenyl ether                        | 2.16   |           | 0.570 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                      | 1550   |           | 285   | 52.2  | ug/L | 500     |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate - DL | 270    | J         | 285   | 65.9  | ug/L | 500     |   | 8270E  | Total/NA  |
| Diphenyl ether - RE                   | 1.43   | H         | 0.572 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - REDL                    | 373    | H *1      | 57.2  | 10.5  | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-21

Lab Sample ID: 860-116358-10

| Analyte                          | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| 2-Propanol                       | 464    |           | 250   | 131    | ug/L | 25      |   | 8260D  | Total/NA  |
| Chlorobenzene                    | 186    |           | 25.0  | 11.4   | ug/L | 25      |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene)        | 79.5   |           | 25.0  | 14.8   | ug/L | 25      |   | 8260D  | Total/NA  |
| Tetrahydrofuran                  | 77.2   | J         | 250   | 45.8   | ug/L | 25      |   | 8260D  | Total/NA  |
| Benzene - DL2                    | 5590   |           | 100   | 46.0   | ug/L | 100     |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene              | 2.36   |           | 0.570 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene              | 0.219  | J         | 0.570 | 0.107  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene              | 2.98   |           | 0.570 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dichlorophenol               | 0.276  | J         | 0.570 | 0.126  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dimethylphenol               | 8.83   |           | 0.570 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene              | 0.690  |           | 0.570 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol                   | 5.21   |           | 0.570 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene                     | 0.130  | J         | 0.570 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether          | 15.1   |           | 0.570 | 0.106  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran                     | 1.25   | I         | 0.570 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol                | 1.69   |           | 0.570 | 0.311  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,3,4,6-Tetrachlorophenol        | 0.275  | J         | 0.570 | 0.253  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,6-Dichlorophenol               | 0.220  | J         | 0.570 | 0.0970 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol                   | 0.739  |           | 0.570 | 0.102  | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate | 7.73   |           | 0.570 | 0.132  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                 | 141    |           | 28.5  | 5.22   | ug/L | 50      |   | 8270E  | Total/NA  |
| Phenol - DL                      | 30.4   | J         | 57.0  | 25.2   | ug/L | 50      |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL               | 507    |           | 28.5  | 5.65   | ug/L | 50      |   | 8270E  | Total/NA  |
| Diphenyl ether - DL2             | 2780   |           | 285   | 50.4   | ug/L | 500     |   | 8270E  | Total/NA  |
| Naphthalene - RA                 | 22.0   |           | 0.570 | 0.114  | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-23

Lab Sample ID: 860-116358-11

| Analyte    | Result | Qualifier | RL   | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|------|------|------|---------|---|--------|-----------|
| 2-Propanol | 380    | J         | 500  | 261  | ug/L | 50      |   | 8260D  | Total/NA  |
| Benzene    | 5090   |           | 50.0 | 23.0 | ug/L | 50      |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston



# Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Client Sample ID: MW-23 (Continued)

## Lab Sample ID: 860-116358-11

| Analyte                          | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Chlorobenzene                    | 156    |           | 50.0  | 22.8   | ug/L | 50      |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene              | 2.18   |           | 0.577 | 0.102  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene              | 0.176  | J         | 0.577 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene              | 2.47   |           | 0.577 | 0.111  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dichlorophenol               | 0.259  | J         | 0.577 | 0.127  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dimethylphenol               | 7.13   |           | 0.577 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene              | 0.324  | J I       | 0.577 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol                   | 6.52   |           | 0.577 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol               | 1.55   |           | 0.577 | 0.0954 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene                     | 1.64   |           | 0.577 | 0.102  | ug/L | 1       |   | 8270E  | Total/NA  |
| Anthracene                       | 0.130  | J         | 0.577 | 0.105  | ug/L | 1       |   | 8270E  | Total/NA  |
| Bis(2-chloroethyl)ether          | 14.5   |           | 0.577 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran                     | 1.73   |           | 0.577 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluoranthene                     | 0.339  | J         | 0.577 | 0.121  | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                         | 1.63   |           | 0.577 | 0.114  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene                      | 17.3   |           | 0.577 | 0.115  | ug/L | 1       |   | 8270E  | Total/NA  |
| Pentachlorophenol                | 0.983  |           | 0.577 | 0.315  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenanthrene                     | 2.25   |           | 0.577 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| Pyrene                           | 0.150  | J         | 0.577 | 0.130  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,6-Dichlorophenol               | 0.186  | J         | 0.577 | 0.0983 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol                   | 0.887  |           | 0.577 | 0.104  | ug/L | 1       |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate | 10.7   |           | 0.577 | 0.134  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                 | 140    |           | 28.9  | 5.29   | ug/L | 50      |   | 8270E  | Total/NA  |
| Phenol - DL                      | 37.4   | J         | 57.7  | 25.6   | ug/L | 50      |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL               | 219    |           | 28.9  | 5.72   | ug/L | 50      |   | 8270E  | Total/NA  |
| Diphenyl ether - DL2             | 2020   |           | 289   | 51.0   | ug/L | 500     |   | 8270E  | Total/NA  |

## Client Sample ID: MW-17

## Lab Sample ID: 860-116358-12

| Analyte                | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene                | 1440   |           | 500   | 230    | ug/L | 500     |   | 8260D  | Total/NA  |
| Carbon tetrachloride   | 33200  |           | 1000  | 448    | ug/L | 500     |   | 8260D  | Total/NA  |
| Chlorobenzene          | 561    |           | 500   | 228    | ug/L | 500     |   | 8260D  | Total/NA  |
| Chloroform             | 1640   |           | 500   | 232    | ug/L | 500     |   | 8260D  | Total/NA  |
| Cyclohexane            | 779    | J         | 2500  | 643    | ug/L | 500     |   | 8260D  | Total/NA  |
| 1,2,4-Trichlorobenzene | 0.765  |           | 0.571 | 0.121  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,2-Dichlorobenzene    | 10.1   |           | 0.571 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,3-Dichlorobenzene    | 1.46   |           | 0.571 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dichlorobenzene    | 15.6   |           | 0.571 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dichlorophenol     | 0.147  | J         | 0.571 | 0.126  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene    | 0.211  | J         | 0.571 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol         | 2.36   |           | 0.571 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitrophenol          | 0.357  | J I       | 0.571 | 0.137  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol     | 1.48   |           | 0.571 | 0.0944 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene           | 0.992  |           | 0.571 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran           | 0.487  | J         | 0.571 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diethyl phthalate      | 0.242  | J I       | 1.14  | 0.187  | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene               | 0.213  | J         | 0.571 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachlorobutadiene    | 0.186  | J         | 0.571 | 0.162  | ug/L | 1       |   | 8270E  | Total/NA  |
| Hexachloroethane       | 11.8   |           | 0.571 | 0.125  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene            | 2.30   |           | 0.571 | 0.114  | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-17 (Continued)

Lab Sample ID: 860-116358-12

| Analyte                                | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Phenol                                 | 1.08   | J         | 1.14  | 0.506 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether                         | 14.9   |           | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl                          | 1.80   |           | 0.571 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,2,4,5-Tetrachlorobenzene             | 0.120  | J         | 0.571 | 0.115 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Chlorophenol                         | 1.04   |           | 0.571 | 0.103 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane - DL                       | 37.6   |           | 28.6  | 5.24  | ug/L | 50      |   | 8270E  | Total/NA  |
| o,o',o"-Triethylphosphorothioate - DL2 | 1630   |           | 286   | 66.1  | ug/L | 500     |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644      | U         | 1.00 | 0.644 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,1,1-Trichloroethane                 | <0.585      | U         | 5.00 | 0.585 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470      | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11       | U         | 10.0 | 1.11  | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,1,2-Trichloroethane                 | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,1-Dichloroethane                    | <0.635      | U         | 1.00 | 0.635 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,1-Dichloroethene                    | <0.738      | U         | 1.00 | 0.738 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,2,3-Trichloropropane                | <0.470      | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417      | U         | 1.00 | 0.417 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671      | U         | 5.00 | 0.671 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,2-Dibromoethane                     | <0.999      | U         | 5.00 | 0.999 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,2-Dichloroethane                    | <0.372      | U         | 1.00 | 0.372 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,2-Dichloropropane                   | <0.556      | U         | 5.00 | 0.556 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411      | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 1,3-Butadiene                         | <0.568      | U         | 1.00 | 0.568 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 2,2,4-Trimethylpentane                | <0.500      | U         | 5.00 | 0.500 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 2-Butanone (MEK)                      | <8.28       | U         | 50.0 | 8.28  | ug/L |   |          | 11/18/25 13:13 | 1       |
| 2-Hexanone (MBK)                      | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 13:13 | 1       |
| <b>2-Propanol</b>                     | <b>19.6</b> |           | 10.0 | 5.23  | ug/L |   |          | 11/18/25 13:13 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597      | U         | 5.00 | 0.597 | ug/L |   |          | 11/18/25 13:13 | 1       |
| 4-Methyl-2-pentanone                  | <5.00       | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Acetone                               | <3.07       | U         | 100  | 3.07  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Acetonitrile                          | <14.6       | U         | 100  | 14.6  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Acrolein                              | <11.1       | U         | 50.0 | 11.1  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Acrylonitrile                         | <14.3       | U         | 50.0 | 14.3  | ug/L |   |          | 11/18/25 13:13 | 1       |
| alpha-Chlorotoluene                   | <2.26       | U         | 5.00 | 2.26  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Benzene                               | <0.460      | U         | 1.00 | 0.460 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Bromodichloromethane                  | <0.552      | U         | 1.00 | 0.552 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Bromoform                             | <0.633      | U         | 5.00 | 0.633 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Bromomethane                          | <1.42       | U         | 5.00 | 1.42  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Carbon disulfide                      | <1.65       | U         | 5.00 | 1.65  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Carbon tetrachloride                  | <0.896      | U         | 2.00 | 0.896 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Chlorobenzene                         | <0.455      | U         | 1.00 | 0.455 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Chlorodibromomethane                  | <0.547      | U         | 5.00 | 0.547 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Chloroethane                          | <1.98       | U         | 10.0 | 1.98  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Chloroform                            | <0.464      | U         | 1.00 | 0.464 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Chloromethane                         | <2.04       | U         | 10.0 | 2.04  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Chloroprene                           | <0.598      | U         | 5.00 | 0.598 | ug/L |   |          | 11/18/25 13:13 | 1       |
| cis-1,2-Dichloroethene                | <0.457      | U         | 1.00 | 0.457 | ug/L |   |          | 11/18/25 13:13 | 1       |
| cis-1,3-Dichloropropene               | <1.07       | U         | 5.00 | 1.07  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Cumene (isopropylbenzene)             | <0.592      | U         | 1.00 | 0.592 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Cyclohexane                           | <1.29       | U         | 5.00 | 1.29  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Dibromomethane                        | <0.357      | U         | 1.00 | 0.357 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Dichlorodifluoromethane               | <0.785      | U         | 1.00 | 0.785 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Ethyl methacrylate                    | <1.12       | U         | 5.00 | 1.12  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Ethylbenzene                          | <0.385      | U         | 1.00 | 0.385 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Hexane                                | <0.517      | U         | 5.00 | 0.517 | ug/L |   |          | 11/18/25 13:13 | 1       |
| Iodomethane                           | <5.00       | U         | 20.0 | 5.00  | ug/L |   |          | 11/18/25 13:13 | 1       |
| Isobutanol                            | <17.1       | U         | 50.0 | 17.1  | ug/L |   |          | 11/18/25 13:13 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/18/25 13:13 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/18/25 13:13 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/18/25 13:13 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/18/25 13:13 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/18/25 13:13 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/18/25 13:13 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/18/25 13:13 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/18/25 13:13 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/18/25 13:13 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/18/25 13:13 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/18/25 13:13 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/18/25 13:13 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/18/25 13:13 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          | 11/18/25 13:13 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 131 |          | 11/18/25 13:13 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/18/25 13:13 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.572 | 0.121  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U *       | 0.572 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U *       | 0.572 | 0.110  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U *       | 2.86  | 1.85   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U         | 0.572 | 0.432  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.572 | 0.117  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U *       | 0.572 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,4-Dioxane                  | 4.88    |           | 0.572 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.72  | 1.38   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,4-Dinitrotoluene           | <0.514  | U         | 1.14  | 0.514  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.572 | 0.273  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.572 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.572 | 0.158  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.572 | 0.137  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 3 & 4 Methylphenol           | <0.0945 | U         | 0.572 | 0.0945 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether  | <0.106  | U *-      | 0.572 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.572 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 4-Chloroaniline             | <0.0882 | U         | 0.572 | 0.0882 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0955 | U *-      | 0.572 | 0.0955 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 4-Nitroaniline              | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Acenaphthene                | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Aniline                     | <0.451  | U *-      | 1.14  | 0.451  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Anthracene                  | <0.104  | U         | 0.572 | 0.104  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Benzo[a]pyrene              | <0.107  | U *-      | 0.286 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.572 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Benzo[g,h,i]perylene        | <0.0904 | U         | 0.572 | 0.0904 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.572 | 0.123  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Benzyl alcohol              | <0.225  | U *- *1   | 2.86  | 0.225  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U *-      | 0.572 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Bis(2-chloroethyl)ether     | 0.757   | *-        | 0.572 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Butyl benzyl phthalate      | <0.337  | U *-      | 1.14  | 0.337  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Chrysene                    | <0.0967 | U         | 0.572 | 0.0967 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Dibenz(a,h)anthracene       | <0.0852 | U *-      | 0.114 | 0.0852 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Dibenzofuran                | <0.112  | U *-      | 0.572 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Di-n-butyl phthalate        | <0.661  | U         | 1.14  | 0.661  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Fluoranthene                | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Fluorene                    | <0.113  | U *-      | 0.572 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Hexachlorobenzene           | <0.132  | U *-      | 0.572 | 0.132  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.572 | 0.162  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Isophorone                  | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Naphthalene                 | <0.114  | U         | 0.572 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Nitrobenzene                | <0.153  | U *-      | 0.572 | 0.153  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.572 | 0.148  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.572 | 0.312  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Phenanthrene                | <0.107  | U *-      | 0.572 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Phenol                      | <0.507  | U         | 1.14  | 0.507  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Pyrene                      | <0.129  | U         | 0.572 | 0.129  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Pyridine                    | <0.838  | U *-      | 2.86  | 0.838  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitro-o-toluidine         | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.572 | 0.254  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Acetophenone                | <0.139  | U *-      | 1.14  | 0.139  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosopiperidine         | <0.632  | U         | 1.14  | 0.632  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Pentachlorobenzene          | <0.125  | U *-      | 0.572 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.572 | 0.195  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.572 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,3,5-Trinitrobenzene               | <0.654  | U         | 1.14  | 0.654  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,3-Dinitrobenzene                  | <0.588  | U *-      | 1.14  | 0.588  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1,4-Naphthoquinone                  | <0.0613 | U         | 0.572 | 0.0613 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 1-Naphthylamine                     | <0.270  | U         | 0.572 | 0.270  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2,6-Dichlorophenol                  | <0.0974 | U         | 0.572 | 0.0974 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Chlorophenol                      | <0.103  | U *-      | 0.572 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Naphthylamine                     | <0.412  | U         | 0.572 | 0.412  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Toluidine                         | <0.425  | U         | 0.572 | 0.425  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 3,3'-Dichlorobenzidine              | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U         | 0.572 | 0.295  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 3-Methylcholanthrene                | <0.0883 | U *-      | 0.572 | 0.0883 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.637  | U         | 1.14  | 0.637  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.572 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *-      | 5.72  | 1.45   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.572 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.572 | 0.203  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Aramite, Total                      | <0.184  | U *-      | 0.572 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Diallate                            | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Diallate Peak 1                     | <0.0749 | U         | 0.572 | 0.0749 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Diallate Peak 2                     | <0.0299 | U *-      | 0.572 | 0.0299 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Dimethoate                          | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Dinoseb                             | <0.677  | U         | 2.86  | 0.677  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.86  | 2.16   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Ethyl Parathion                     | <0.626  | U **      | 1.14  | 0.626  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Famphur                             | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Hexachloropropene                   | <0.572  | U         | 0.572 | 0.572  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Isosafrole Peak 2                   | <0.0986 | U         | 0.572 | 0.0986 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.86  | 2.77   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosodiethylamine               | <0.674  | U *-      | 1.14  | 0.674  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U         | 0.572 | 0.159  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosodi-n-butylamine            | <0.725  | U         | 1.14  | 0.725  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosomethylethylamine           | <0.702  | U         | 1.14  | 0.702  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosomorpholine                 | <0.714  | U         | 1.14  | 0.714  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.572 | 0.154  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Pentachloronitrobenzene             | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Phenacetin                          | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Phorate                             | <2.61   | U **      | 5.72  | 2.61   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| p-Phenylene diamine                 | <5.72   | U *- *1   | 5.72  | 5.72   | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Pronamide                           | <0.134  | U *-      | 0.572 | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Safrole, Total                      | <0.0922 | U *-      | 0.572 | 0.0922 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Sulfotep                    | <0.472    | U **      | 1.14     | 0.472 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Thionazin                   | <0.340    | U         | 1.14     | 0.340 | ug/L |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 71        |           | 26 - 136 |       |      |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Fluorobiphenyl            | 53        |           | 39 - 130 |       |      |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| 2-Fluorophenol (Surr)       | 37        |           | 19 - 120 |       |      |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Nitrobenzene-d5 (Surr)      | 65        |           | 32 - 133 |       |      |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  |       |      |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |
| p-Terphenyl-d14             | 60        |           | 28 - 130 |       |      |   | 11/13/25 14:28 | 11/15/25 08:41 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte                          | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| Diphenyl ether                   | 113       |           | 57.2     | 10.1 | ug/L |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |
| o,o',o"-Triethylphosphorothioate | 64.8      |           | 57.2     | 13.2 | ug/L |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |
| Surrogate                        | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)      | 152       | S1+       | 26 - 136 |      |      |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |
| 2-Fluorobiphenyl                 | 166       | S1+       | 39 - 130 |      |      |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |
| 2-Fluorophenol (Surr)            | 105       |           | 19 - 120 |      |      |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |
| Nitrobenzene-d5 (Surr)           | 173       | S1+       | 32 - 133 |      |      |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |
| Phenol-d5 (Surr)                 | 94        |           | 8 - 124  |      |      |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |
| p-Terphenyl-d14                  | 184       | S1+       | 28 - 130 |      |      |   | 11/13/25 14:28 | 12/02/25 17:44 | 100     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Bis(2-ethylhexyl) phthalate | <0.572    | U         | 1.14     | 0.572 | ug/L |   | 11/13/25 14:28 | 12/03/25 18:39 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 80        |           | 26 - 136 |       |      |   | 11/13/25 14:28 | 12/03/25 18:39 | 1       |
| 2-Fluorobiphenyl            | 55        |           | 39 - 130 |       |      |   | 11/13/25 14:28 | 12/03/25 18:39 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 |       |      |   | 11/13/25 14:28 | 12/03/25 18:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 68        |           | 32 - 133 |       |      |   | 11/13/25 14:28 | 12/03/25 18:39 | 1       |
| Phenol-d5 (Surr)            | 23        |           | 8 - 124  |       |      |   | 11/13/25 14:28 | 12/03/25 18:39 | 1       |
| p-Terphenyl-d14             | 62        |           | 28 - 130 |       |      |   | 11/13/25 14:28 | 12/03/25 18:39 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.119  | U H       | 0.562 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,2-Dichlorobenzene          | <0.0992 | U H       | 0.562 | 0.0992 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,3-Dichlorobenzene          | <0.106  | U H       | 0.562 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,4-Dichlorobenzene          | <0.108  | U H       | 0.562 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.82   | U H       | 2.81  | 1.82   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,4,5-Trichlorophenol        | <0.424  | U H       | 0.562 | 0.424  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,4,6-Trichlorophenol        | <0.115  | U H       | 0.562 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,4-Dichlorophenol           | <0.124  | U H       | 0.562 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,4-Dimethylphenol           | <0.110  | U H       | 0.562 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,4-Dioxane                  | 6.07    | H *1      | 0.562 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,4-Dinitrophenol            | <1.36   | U H       | 5.62  | 1.36   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,4-Dinitrotoluene           | <0.504  | U H       | 1.12  | 0.504  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,6-Dinitrotoluene           | <0.268  | U H       | 0.562 | 0.268  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chloronaphthalene         | <0.116  | U H       | 0.562 | 0.116  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Methylnaphthalene         | <0.107  | U H       | 0.562 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Methylphenol              | <0.107  | U H       | 0.562 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Nitroaniline              | <0.155  | U H       | 0.562 | 0.155  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Nitrophenol               | <0.135  | U H       | 0.562 | 0.135  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 3 & 4 Methylphenol          | <0.0928 | U H       | 0.562 | 0.0928 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 3-Nitroaniline              | <0.219  | U H       | 1.12  | 0.219  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.21   | U H       | 2.81  | 1.21   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4-Bromophenyl phenyl ether  | <0.104  | U H       | 0.562 | 0.104  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4-Chloro-3-methylphenol     | <0.117  | U H       | 0.562 | 0.117  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4-Chloroaniline             | <0.0866 | U H *1    | 0.562 | 0.0866 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0938 | U H       | 0.562 | 0.0938 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4-Nitroaniline              | <0.266  | U H       | 1.12  | 0.266  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Acenaphthene                | <0.0996 | U H       | 0.562 | 0.0996 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Acenaphthylene              | <0.123  | U H       | 0.562 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Aniline                     | <0.442  | U H *- *1 | 1.12  | 0.442  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Anthracene                  | <0.102  | U H       | 0.562 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Benzo[a]anthracene          | <0.125  | U H       | 0.281 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Benzo[a]pyrene              | <0.105  | U H       | 0.281 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Benzo[b]fluoranthene        | <0.122  | U H       | 0.562 | 0.122  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Benzo[g,h,i]perylene        | <0.0888 | U H       | 0.562 | 0.0888 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Benzo[k]fluoranthene        | <0.121  | U H       | 0.562 | 0.121  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Benzyl alcohol              | <0.220  | U H *- *1 | 2.81  | 0.220  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Bis(2-chloroethoxy)methane  | <0.106  | U H       | 0.562 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Bis(2-chloroethyl)ether     | <0.105  | U H       | 0.562 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.561  | U H       | 1.12  | 0.561  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Butyl benzyl phthalate      | <0.330  | U H       | 1.12  | 0.330  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Chrysene                    | <0.0949 | U H       | 0.562 | 0.0949 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Dibenz(a,h)anthracene       | <0.0836 | U H       | 0.112 | 0.0836 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Dibenzofuran                | <0.110  | U H       | 0.562 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Diethyl phthalate           | <0.184  | U H       | 1.12  | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Dimethyl phthalate          | <0.131  | U H       | 1.12  | 0.131  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Di-n-butyl phthalate        | <0.649  | U H       | 1.12  | 0.649  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Di-n-octyl phthalate        | <0.281  | U H       | 1.12  | 0.281  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Fluoranthene                | <0.118  | U H       | 0.562 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Fluorene                    | <0.111  | U H       | 0.562 | 0.111  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Hexachlorobenzene           | <0.130  | U H       | 0.562 | 0.130  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Hexachlorobutadiene         | <0.159  | U H       | 0.562 | 0.159  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Hexachlorocyclopentadiene   | <0.176  | U H       | 1.12  | 0.176  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Hexachloroethane            | <0.123  | U H       | 0.562 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.101  | U H       | 0.562 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Isophorone                  | <0.104  | U H       | 0.562 | 0.104  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Naphthalene                 | <0.112  | U H       | 0.562 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Nitrobenzene                | <0.150  | U H       | 0.562 | 0.150  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosodi-n-propylamine   | <0.145  | U H       | 0.562 | 0.145  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosodiphenylamine      | <0.110  | U H       | 0.562 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Pentachlorophenol           | <0.307  | U H       | 0.562 | 0.307  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Phenanthrene                | <0.105  | U H       | 0.562 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Phenol                      | <0.498  | U H       | 1.12  | 0.498  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pyrene                              | <0.127  | U H       | 0.562 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Pyridine                            | <0.822  | U H *     | 2.81  | 0.822  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitro-o-toluidine                 | <0.640  | U H       | 1.12  | 0.640  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.249  | U H       | 0.562 | 0.249  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Acetophenone                        | <0.136  | U H *     | 1.12  | 0.136  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosopiperidine                 | <0.620  | U H       | 1.12  | 0.620  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Pentachlorobenzene                  | <0.123  | U H       | 0.562 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Diphenyl ether                      | <0.0994 | U H       | 0.562 | 0.0994 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,1'-Biphenyl                       | <0.111  | U H       | 0.562 | 0.111  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4-Aminobiphenyl                     | <0.192  | U H *     | 0.562 | 0.192  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.113  | U H       | 0.562 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,3,5-Trinitrobenzene               | <0.642  | U H       | 1.12  | 0.642  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,3-Dinitrobenzene                  | <0.577  | U H       | 1.12  | 0.577  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1,4-Naphthoquinone                  | <0.0602 | U H       | 0.562 | 0.0602 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 1-Naphthylamine                     | <0.265  | U H       | 0.562 | 0.265  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2,6-Dichlorophenol                  | <0.0956 | U H       | 0.562 | 0.0956 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Acetylaminofluorene               | <1.68   | U H       | 2.81  | 1.68   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Chlorophenol                      | <0.101  | U H       | 0.562 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Naphthylamine                     | <0.405  | U H *     | 0.562 | 0.405  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Picoline                          | <1.01   | U H *     | 1.12  | 1.01   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Toluidine                         | <0.417  | U H *     | 0.562 | 0.417  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 3,3'-Dichlorobenzidine              | <0.639  | U H *     | 1.12  | 0.639  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 3,3'-Dimethylbenzidine              | <0.290  | U H       | 0.562 | 0.290  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 3-Methylcholanthrene                | <0.0867 | U H       | 0.562 | 0.0867 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.626  | U H       | 1.12  | 0.626  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.126  | U H       | 0.562 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.43   | U H *     | 5.62  | 1.43   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Aramite Peak 1                      | <0.181  | U H       | 0.562 | 0.181  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Aramite Peak 2                      | <0.199  | U H       | 0.562 | 0.199  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Aramite, Total                      | <0.181  | U H *     | 0.562 | 0.181  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Diallate                            | <0.0294 | U H *     | 0.562 | 0.0294 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Diallate Peak 1                     | <0.0735 | U H       | 0.562 | 0.0735 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Diallate Peak 2                     | <0.0294 | U H       | 0.562 | 0.0294 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Dimethoate                          | <0.490  | U *+ H    | 2.81  | 0.490  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Dinoseb                             | <0.665  | U *+ H    | 2.81  | 0.665  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Disulfoton                          | <2.12   | U *+ H    | 2.81  | 2.12   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Ethyl methanesulfonate              | <0.182  | U H       | 0.562 | 0.182  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Ethyl Parathion                     | <0.615  | U *+ H    | 1.12  | 0.615  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Famphur                             | <0.254  | U *+ H    | 1.12  | 0.254  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Hexachloropropene                   | <0.562  | U H       | 0.562 | 0.562  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Isosafrole                          | <0.0227 | U H       | 0.562 | 0.0227 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Isosafrole Peak 1                   | <0.0227 | U H       | 0.562 | 0.0227 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Isosafrole Peak 2                   | <0.0968 | U H       | 0.562 | 0.0968 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Methapyriline                       | <1.49   | U *+ H    | 2.25  | 1.49   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Methyl methanesulfonate             | <0.183  | U H       | 0.562 | 0.183  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Methyl parathion                    | <2.72   | U *+ H    | 2.81  | 2.72   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosodiethylamine               | <0.662  | U H       | 1.12  | 0.662  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosodimethylamine              | <0.156  | U H       | 0.562 | 0.156  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosodi-n-butylamine            | <0.711  | U H       | 1.12  | 0.711  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-04

Lab Sample ID: 860-116358-1

Date Collected: 11/12/25 08:23

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomethylethylamine        | <0.689  | U H       | 1.12  | 0.689  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosomorpholine              | <0.701  | U H       | 1.12  | 0.701  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| N-Nitrosopyrrolidine             | <0.107  | U H       | 0.562 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.130  | U H       | 0.562 | 0.130  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| p-Dimethylamino azobenzene       | <0.152  | U H       | 0.562 | 0.152  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Pentachloronitrobenzene          | <0.248  | U H       | 0.562 | 0.248  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Phenacetin                       | <0.248  | U H       | 0.562 | 0.248  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Phorate                          | <2.57   | U *+ H    | 5.62  | 2.57   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| p-Phenylene diamine              | <5.62   | U H *-    | 5.62  | 5.62   | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Pronamide                        | <0.132  | U H       | 0.562 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Safrole, Total                   | <0.0905 | U H *-    | 0.562 | 0.0905 | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Sulfotepp                        | <0.463  | U *+ H    | 1.12  | 0.463  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Thionazin                        | <0.334  | U H       | 1.12  | 0.334  | ug/L |   | 12/01/25 14:58 | 12/02/25 15:54 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 88        |           | 26 - 136 | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Fluorobiphenyl            | 70        |           | 39 - 130 | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Nitrobenzene-d5 (Surr)      | 88        |           | 32 - 133 | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| Phenol-d5 (Surr)            | 30        |           | 8 - 124  | 12/01/25 14:58 | 12/02/25 15:54 | 1       |
| p-Terphenyl-d14             | 60        |           | 28 - 130 | 12/01/25 14:58 | 12/02/25 15:54 | 1       |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 17:14 | 1       |

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/18/25 13:34 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 13:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/18/25 13:34 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/18/25 13:34 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/18/25 13:34 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/18/25 13:34 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/18/25 13:34 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/18/25 13:34 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/18/25 13:34 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/18/25 13:34 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Trichlorofluoromethane           | <0.560 | U         | 1.00 | 0.560 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Vinyl acetate                    | <2.14  | U         | 20.0 | 2.14  | ug/L |   |          | 11/18/25 13:34 | 1       |
| Vinyl chloride                   | <0.428 | U         | 2.00 | 0.428 | ug/L |   |          | 11/18/25 13:34 | 1       |
| Xylenes, Total                   | <1.24  | U         | 2.00 | 1.24  | ug/L |   |          | 11/18/25 13:34 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/18/25 13:34 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/18/25 13:34 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 63 - 144 |          |      |   |          | 11/18/25 13:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 74 - 124 |          |      |   |          | 11/18/25 13:34 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 131 |          |      |   |          | 11/18/25 13:34 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          |      |   |          | 11/18/25 13:34 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U *       | 0.571 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U *       | 0.571 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U *       | 2.85  | 1.85   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.571 | 0.430  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U *       | 0.571 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 3 & 4 Methylphenol           | <0.0943 | U         | 0.571 | 0.0943 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U *       | 0.571 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4-Chloroaniline              | <0.0880 | U         | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0953 | U *       | 0.571 | 0.0953 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Aniline                      | <0.449  | U *       | 1.14  | 0.449  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.285 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Benzo[a]pyrene               | <0.107  | U *       | 0.285 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Benzo[g,h,i]perylene         | <0.0902 | U         | 0.571 | 0.0902 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Benzyl alcohol               | <0.224  | U *- *1   | 2.85  | 0.224  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U *       | 0.571 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U *       | 0.571 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.570  | U         | 1.14  | 0.570  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Butyl benzyl phthalate         | <0.336       | U *       | 1.14  | 0.336  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Chrysene                       | <0.0964      | U         | 0.571 | 0.0964 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Dibenz(a,h)anthracene          | <0.0849      | U *       | 0.114 | 0.0849 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Dibenzofuran                   | <0.112       | U *       | 0.571 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Diethyl phthalate              | <0.187       | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Dimethyl phthalate             | <0.133       | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Di-n-butyl phthalate           | <0.659       | U         | 1.14  | 0.659  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Di-n-octyl phthalate           | <0.285       | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Fluoranthene                   | <0.120       | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Fluorene                       | <0.113       | U *       | 0.571 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Hexachlorobenzene              | <0.132       | U *       | 0.571 | 0.132  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Hexachlorobutadiene            | <0.162       | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Hexachlorocyclopentadiene      | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Hexachloroethane               | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.103       | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Isophorone                     | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Naphthalene                    | <0.114       | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Nitrobenzene                   | <0.152       | U *       | 0.571 | 0.152  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosodi-n-propylamine      | <0.147       | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosodiphenylamine         | <0.112       | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Pentachlorophenol              | <0.312       | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Phenanthrene                   | <0.107       | U *       | 0.571 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Phenol                         | <0.506       | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Pyrene                         | <0.129       | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Pyridine                       | <0.835       | U *       | 2.85  | 0.835  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitro-o-toluidine            | <0.650       | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.253       | U         | 0.571 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Acetophenone                   | <0.138       | U *       | 1.14  | 0.138  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosopiperidine            | <0.630       | U         | 1.14  | 0.630  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Pentachlorobenzene             | <0.125       | U *       | 0.571 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| <b>Diphenyl ether</b>          | <b>0.475</b> | <b>J</b>  | 0.571 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,1'-Biphenyl                  | <0.113       | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4-Aminobiphenyl                | <0.195       | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115       | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,3,5-Trinitrobenzene          | <0.652       | U         | 1.14  | 0.652  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,3-Dinitrobenzene             | <0.586       | U *       | 1.14  | 0.586  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1,4-Naphthoquinone             | <0.0611      | U         | 0.571 | 0.0611 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 1-Naphthylamine                | <0.269       | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2,6-Dichlorophenol             | <0.0971      | U         | 0.571 | 0.0971 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Acetylaminofluorene          | <1.70        | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Chlorophenol                 | <0.102       | U *       | 0.571 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Naphthylamine                | <0.411       | U         | 0.571 | 0.411  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Picoline                     | <1.03        | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Toluidine                    | <0.424       | U         | 0.571 | 0.424  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 3,3'-Dichlorobenzidine         | <0.649       | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295       | U         | 0.571 | 0.295  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 3-Methylcholanthrene           | <0.0880      | U *       | 0.571 | 0.0880 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.635       | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128       | U         | 0.571 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |

Eurofins Houston



# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U *       | 5.71  | 1.45   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Aramite, Total                      | <0.184  | U *       | 0.571 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Diallate                            | <0.0298 | U *       | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Diallate Peak 1                     | <0.0747 | U         | 0.571 | 0.0747 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Diallate Peak 2                     | <0.0298 | U *       | 0.571 | 0.0298 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Dimethoate                          | <0.498  | U **      | 2.85  | 0.498  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Dinoseb                             | <0.675  | U         | 2.85  | 0.675  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Disulfoton                          | <2.15   | U **      | 2.85  | 2.15   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Ethyl Parathion                     | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Hexachloropropene                   | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Isosafrole                          | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U         | 0.571 | 0.0230 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Isosafrole Peak 2                   | <0.0983 | U         | 0.571 | 0.0983 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.28  | 1.52   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Methyl parathion                    | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosodiethylamine               | <0.672  | U *       | 1.14  | 0.672  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosodi-n-butylamine            | <0.723  | U         | 1.14  | 0.723  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosomethylethylamine           | <0.700  | U         | 1.14  | 0.700  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosomorpholine                 | <0.712  | U         | 1.14  | 0.712  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Pentachloronitrobenzene             | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Phenacetin                          | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Phorate                             | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| p-Phenylene diamine                 | <5.71   | U * - *1  | 5.71  | 5.71   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Pronamide                           | <0.134  | U *       | 0.571 | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Safrole, Total                      | <0.0919 | U *       | 0.571 | 0.0919 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Sulfotepp                           | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Thionazin                           | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:09 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 55        |           | 26 - 136 | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Fluorobiphenyl            | 63        |           | 39 - 130 | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Nitrobenzene-d5 (Surr)      | 82        |           | 32 - 133 | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 11/13/25 14:28 | 11/15/25 09:09 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 | 11/13/25 14:28 | 11/15/25 09:09 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| o,o',o"-Triethylphosphorothioate | <0.132 | U         | 0.571 | 0.132 | ug/L |   | 11/13/25 14:28 | 12/03/25 20:59 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 74        |           | 26 - 136 | 11/13/25 14:28 | 12/03/25 20:59 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl       | 72        |           | 39 - 130 | 11/13/25 14:28 | 12/03/25 20:59 | 1       |
| 2-Fluorophenol (Surr)  | 40        |           | 19 - 120 | 11/13/25 14:28 | 12/03/25 20:59 | 1       |
| Nitrobenzene-d5 (Surr) | 75        |           | 32 - 133 | 11/13/25 14:28 | 12/03/25 20:59 | 1       |
| Phenol-d5 (Surr)       | 28        |           | 8 - 124  | 11/13/25 14:28 | 12/03/25 20:59 | 1       |
| p-Terphenyl-d14        | 80        |           | 28 - 130 | 11/13/25 14:28 | 12/03/25 20:59 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U H       | 0.572 | 0.121  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U H       | 0.572 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U H       | 0.572 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U H       | 0.572 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U H       | 2.86  | 1.85   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U H       | 0.572 | 0.432  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U H       | 0.572 | 0.117  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U H       | 0.572 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U H       | 0.572 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,4-Dioxane                  | <0.105  | U H *1    | 0.572 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U H       | 5.72  | 1.38   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,4-Dinitrotoluene           | <0.514  | U H       | 1.14  | 0.514  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U H       | 0.572 | 0.273  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Chloronaphthalene          | <0.118  | U H       | 0.572 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Methylnaphthalene          | <0.109  | U H       | 0.572 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Methylphenol               | <0.109  | U H       | 0.572 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Nitroaniline               | <0.158  | U H       | 0.572 | 0.158  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Nitrophenol                | <0.137  | U H       | 0.572 | 0.137  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 3 & 4 Methylphenol           | <0.0945 | U H       | 0.572 | 0.0945 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 3-Nitroaniline               | <0.223  | U H       | 1.14  | 0.223  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U H       | 2.86  | 1.23   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U H       | 0.572 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U H       | 0.572 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4-Chloroaniline              | <0.0882 | U H *1    | 0.572 | 0.0882 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0955 | U H       | 0.572 | 0.0955 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4-Nitroaniline               | <0.271  | U H       | 1.14  | 0.271  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Acenaphthene                 | <0.101  | U H       | 0.572 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Acenaphthylene               | <0.125  | U H       | 0.572 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Aniline                      | <0.451  | U H *- *1 | 1.14  | 0.451  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Anthracene                   | <0.104  | U H       | 0.572 | 0.104  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Benzo[a]anthracene           | <0.127  | U H       | 0.286 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Benzo[a]pyrene               | <0.107  | U H       | 0.286 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U H       | 0.572 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Benzo[g,h,i]perylene         | <0.0904 | U H       | 0.572 | 0.0904 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U H       | 0.572 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Benzyl alcohol               | <0.225  | U H *- *1 | 2.86  | 0.225  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Bis(2-chloroethoxy)methane   | <0.108  | U H       | 0.572 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Bis(2-chloroethyl)ether      | <0.107  | U H       | 0.572 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.572  | U H       | 1.14  | 0.572  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Butyl benzyl phthalate       | <0.337  | U H       | 1.14  | 0.337  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Chrysene                     | <0.0967 | U H       | 0.572 | 0.0967 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Dibenz(a,h)anthracene               | <0.0852 | U H       | 0.114 | 0.0852 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Dibenzofuran                        | <0.112  | U H       | 0.572 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Diethyl phthalate                   | <0.187  | U H       | 1.14  | 0.187  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Dimethyl phthalate                  | <0.134  | U H       | 1.14  | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Di-n-butyl phthalate                | <0.661  | U H       | 1.14  | 0.661  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Fluoranthene                        | <0.120  | U H       | 0.572 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Fluorene                            | <0.113  | U H       | 0.572 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Hexachlorobenzene                   | <0.132  | U H       | 0.572 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Hexachlorobutadiene                 | <0.162  | U H       | 0.572 | 0.162  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Hexachlorocyclopentadiene           | <0.179  | U H       | 1.14  | 0.179  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Hexachloroethane                    | <0.125  | U H       | 0.572 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103  | U H       | 0.572 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Isophorone                          | <0.106  | U H       | 0.572 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Naphthalene                         | <0.114  | U H       | 0.572 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Nitrobenzene                        | <0.153  | U H       | 0.572 | 0.153  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosodi-n-propylamine           | <0.148  | U H       | 0.572 | 0.148  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosodiphenylamine              | <0.113  | U H       | 0.572 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Pentachlorophenol                   | <0.312  | U H       | 0.572 | 0.312  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Phenanthrene                        | <0.107  | U H       | 0.572 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Phenol                              | <0.507  | U H       | 1.14  | 0.507  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Pyrene                              | <0.129  | U H       | 0.572 | 0.129  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Pyridine                            | <0.838  | U H *     | 2.86  | 0.838  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitro-o-toluidine                 | <0.652  | U H       | 1.14  | 0.652  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254  | U H       | 0.572 | 0.254  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Acetophenone                        | <0.139  | U H *     | 1.14  | 0.139  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosopiperidine                 | <0.632  | U H       | 1.14  | 0.632  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Pentachlorobenzene                  | <0.125  | U H       | 0.572 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Diphenyl ether                      | <0.101  | U H       | 0.572 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U H       | 0.572 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U H *1    | 0.572 | 0.195  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U H       | 0.572 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,3,5-Trinitrobenzene               | <0.654  | U H       | 1.14  | 0.654  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,3-Dinitrobenzene                  | <0.588  | U H       | 1.14  | 0.588  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1,4-Naphthoquinone                  | <0.0613 | U H       | 0.572 | 0.0613 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 1-Naphthylamine                     | <0.270  | U H       | 0.572 | 0.270  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2,6-Dichlorophenol                  | <0.0974 | U H       | 0.572 | 0.0974 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U H       | 2.86  | 1.71   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Chlorophenol                      | <0.103  | U H       | 0.572 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Naphthylamine                     | <0.412  | U H * *1  | 0.572 | 0.412  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Picoline                          | <1.03   | U H * *1  | 1.14  | 1.03   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Toluidine                         | <0.425  | U H * *1  | 0.572 | 0.425  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 3,3'-Dichlorobenzidine              | <0.651  | U H * *1  | 1.14  | 0.651  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U H       | 0.572 | 0.295  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 3-Methylcholanthrene                | <0.0883 | U H       | 0.572 | 0.0883 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.637  | U H       | 1.14  | 0.637  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U H       | 0.572 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U H *     | 5.72  | 1.45   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Aramite Peak 1                      | <0.184  | U H       | 0.572 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Aramite Peak 2                      | <0.203  | U H       | 0.572 | 0.203  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: RB-01

Lab Sample ID: 860-116358-2

Date Collected: 11/12/25 08:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Aramite, Total                    | <0.184  | U H *     | 0.572 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Diallate                          | <0.0299 | U H *     | 0.572 | 0.0299 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Diallate Peak 1                   | <0.0749 | U H       | 0.572 | 0.0749 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Diallate Peak 2                   | <0.0299 | U H       | 0.572 | 0.0299 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Dimethoate                        | <0.499  | U ** H    | 2.86  | 0.499  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Dinoseb                           | <0.677  | U ** H    | 2.86  | 0.677  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Disulfoton                        | <2.16   | U ** H    | 2.86  | 2.16   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Ethyl methanesulfonate            | <0.186  | U H       | 0.572 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Ethyl Parathion                   | <0.626  | U ** H    | 1.14  | 0.626  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Famphur                           | <0.259  | U ** H    | 1.14  | 0.259  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Hexachloropropene                 | <0.572  | U H       | 0.572 | 0.572  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Isosafrole                        | <0.0231 | U H       | 0.572 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Isosafrole Peak 1                 | <0.0231 | U H       | 0.572 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Isosafrole Peak 2                 | <0.0986 | U H       | 0.572 | 0.0986 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Methapyriline                     | <1.52   | U ** H    | 2.29  | 1.52   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Methyl methanesulfonate           | <0.186  | U H       | 0.572 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Methyl parathion                  | <2.77   | U ** H    | 2.86  | 2.77   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosodiethylamine             | <0.674  | U H       | 1.14  | 0.674  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosodimethylamine            | <0.159  | U H       | 0.572 | 0.159  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosodi-n-butylamine          | <0.725  | U H       | 1.14  | 0.725  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosomethylethylamine         | <0.702  | U H       | 1.14  | 0.702  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosomorpholine               | <0.714  | U H       | 1.14  | 0.714  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U H       | 0.572 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132  | U H       | 0.572 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| p-Dimethylamino azobenzene        | <0.154  | U H       | 0.572 | 0.154  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Pentachloronitrobenzene           | <0.253  | U H       | 0.572 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Phenacetin                        | <0.253  | U H       | 0.572 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Phorate                           | <2.61   | U ** H    | 5.72  | 2.61   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| p-Phenylene diamine               | <5.72   | U H *     | 5.72  | 5.72   | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Pronamide                         | <0.134  | U H       | 0.572 | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Safrole, Total                    | <0.0922 | U H *     | 0.572 | 0.0922 | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Sulfotepp                         | <0.472  | U ** H    | 1.14  | 0.472  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Thionazin                         | <0.340  | U H       | 1.14  | 0.340  | ug/L |   | 12/01/25 14:58 | 12/02/25 18:43 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 61        |           | 26 - 136 | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Fluorobiphenyl            | 64        |           | 39 - 130 | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| Phenol-d5 (Surr)            | 23        |           | 8 - 124  | 12/01/25 14:58 | 12/02/25 18:43 | 1       |
| p-Terphenyl-d14             | 71        |           | 28 - 130 | 12/01/25 14:58 | 12/02/25 18:43 | 1       |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 17:20 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/18/25 14:35 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 14:35 | 1       |
| 2-Propanol                            | 17.3   |           | 10.0 | 5.23  | ug/L |   |          | 11/18/25 14:35 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/18/25 14:35 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/18/25 14:35 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/18/25 14:35 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/18/25 14:35 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/18/25 14:35 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/18/25 14:35 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/18/25 14:35 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result      | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72       | U         | 10.0    | 2.72     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Methyl methacrylate         | <2.25       | U         | 10.0    | 2.25     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Methyl tert-butyl ether     | <1.39       | U         | 5.00    | 1.39     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Methylene Chloride          | <1.73       | U         | 5.00    | 1.73     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Propionitrile               | <3.34       | U         | 10.0    | 3.34     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Propylbenzene               | <0.429      | U         | 1.00    | 0.429    | ug/L |   |          | 11/18/25 14:35 | 1       |
| Styrene                     | <0.619      | U         | 1.00    | 0.619    | ug/L |   |          | 11/18/25 14:35 | 1       |
| Tetrachloroethene           | <0.655      | U         | 1.00    | 0.655    | ug/L |   |          | 11/18/25 14:35 | 1       |
| <b>Tetrahydrofuran</b>      | <b>5.92</b> | <b>J</b>  | 10.0    | 1.83     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Toluene                     | <0.475      | U         | 1.00    | 0.475    | ug/L |   |          | 11/18/25 14:35 | 1       |
| trans-1,2-Dichloroethene    | <0.368      | U         | 1.00    | 0.368    | ug/L |   |          | 11/18/25 14:35 | 1       |
| trans-1,3-Dichloropropene   | <1.27       | U         | 5.00    | 1.27     | ug/L |   |          | 11/18/25 14:35 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35       | U         | 10.0    | 1.35     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Trichloroethene             | <1.50       | U         | 5.00    | 1.50     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Trichlorofluoromethane      | <0.560      | U         | 1.00    | 0.560    | ug/L |   |          | 11/18/25 14:35 | 1       |
| Vinyl acetate               | <2.14       | U         | 20.0    | 2.14     | ug/L |   |          | 11/18/25 14:35 | 1       |
| Vinyl chloride              | <0.428      | U         | 2.00    | 0.428    | ug/L |   |          | 11/18/25 14:35 | 1       |
| Xylenes, Total              | <1.24       | U         | 2.00    | 1.24     | ug/L |   |          | 11/18/25 14:35 | 1       |
| m,p-Xylenes                 | <0.00124    | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/18/25 14:35 | 1       |
| o-Xylene                    | <0.000502   | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/18/25 14:35 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/18/25 14:35 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 74 - 124 |          | 11/18/25 14:35 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 131 |          | 11/18/25 14:35 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/18/25 14:35 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.119  | U         | 0.565 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,2-Dichlorobenzene          | <0.0998 | U *       | 0.565 | 0.0998 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.565 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,4-Dichlorobenzene          | <0.108  | U *       | 0.565 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.83   | U *       | 2.82  | 1.83   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,4,5-Trichlorophenol        | <0.426  | U         | 0.565 | 0.426  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,4,6-Trichlorophenol        | <0.115  | U         | 0.565 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U *       | 0.565 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.565 | 0.111  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.65  | 1.37   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,4-Dinitrotoluene           | <0.507  | U         | 1.13  | 0.507  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,6-Dinitrotoluene           | <0.270  | U         | 0.565 | 0.270  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.565 | 0.117  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.565 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.565 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Nitroaniline               | <0.156  | U         | 0.565 | 0.156  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.565 | 0.136  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 3 & 4 Methylphenol           | <0.0933 | U         | 0.565 | 0.0933 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 3-Nitroaniline               | <0.220  | U         | 1.13  | 0.220  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.82  | 1.22   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 4-Bromophenyl phenyl ether   | <0.104  | U *       | 0.565 | 0.104  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | <0.118  | U         | 0.565 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 4-Chloroaniline             | <0.0871 | U         | 0.565 | 0.0871 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0943 | U *       | 0.565 | 0.0943 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 4-Nitroaniline              | <0.268  | U         | 1.13  | 0.268  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Acenaphthene                | 0.162   | J         | 0.565 | 0.100  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.565 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Aniline                     | <0.445  | U *       | 1.13  | 0.445  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Anthracene                  | <0.103  | U         | 0.565 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Benzo[a]anthracene          | <0.125  | U         | 0.282 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Benzo[a]pyrene              | <0.106  | U *       | 0.282 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Benzo[b]fluoranthene        | <0.123  | U         | 0.565 | 0.123  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Benzo[g,h,i]perylene        | <0.0893 | U         | 0.565 | 0.0893 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Benzo[k]fluoranthene        | <0.122  | U         | 0.565 | 0.122  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Benzyl alcohol              | <0.222  | U * *     | 2.82  | 0.222  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Bis(2-chloroethoxy)methane  | <0.106  | U *       | 0.565 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Bis(2-chloroethyl)ether     | <0.105  | U *       | 0.565 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.565  | U         | 1.13  | 0.565  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Butyl benzyl phthalate      | <0.332  | U *       | 1.13  | 0.332  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Chrysene                    | <0.0954 | U         | 0.565 | 0.0954 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Dibenz(a,h)anthracene       | <0.0841 | U *       | 0.113 | 0.0841 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Dibenzofuran                | <0.111  | U *       | 0.565 | 0.111  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Diethyl phthalate           | <0.185  | U         | 1.13  | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Dimethyl phthalate          | <0.132  | U         | 1.13  | 0.132  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Di-n-butyl phthalate        | <0.653  | U         | 1.13  | 0.653  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Di-n-octyl phthalate        | <0.282  | U         | 1.13  | 0.282  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Fluoranthene                | <0.119  | U         | 0.565 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Fluorene                    | <0.112  | U *       | 0.565 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Hexachlorobenzene           | <0.131  | U *       | 0.565 | 0.131  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Hexachlorobutadiene         | <0.160  | U         | 0.565 | 0.160  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Hexachlorocyclopentadiene   | <0.177  | U         | 1.13  | 0.177  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.565 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.565 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Isophorone                  | <0.105  | U         | 0.565 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Naphthalene                 | <0.113  | U         | 0.565 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Nitrobenzene                | <0.151  | U *       | 0.565 | 0.151  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U         | 0.565 | 0.146  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosodiphenylamine      | <0.111  | U         | 0.565 | 0.111  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Pentachlorophenol           | <0.308  | U         | 0.565 | 0.308  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Phenanthrene                | <0.106  | U *       | 0.565 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Phenol                      | <0.501  | U         | 1.13  | 0.501  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Pyrene                      | <0.128  | U         | 0.565 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Pyridine                    | <0.827  | U *       | 2.82  | 0.827  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitro-o-toluidine         | <0.644  | U         | 1.13  | 0.644  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.251  | U         | 0.565 | 0.251  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Acetophenone                | <0.137  | U *       | 1.13  | 0.137  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosopiperidine         | <0.624  | U         | 1.13  | 0.624  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Pentachlorobenzene          | <0.124  | U *       | 0.565 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Diphenyl ether              | 2.39    |           | 0.565 | 0.0999 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,1'-Biphenyl               | <0.112  | U         | 0.565 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                     | <0.193  | U         | 0.565 | 0.193  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.114  | U         | 0.565 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,3,5-Trinitrobenzene               | <0.646  | U         | 1.13  | 0.646  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,3-Dinitrobenzene                  | <0.581  | U *       | 1.13  | 0.581  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1,4-Naphthoquinone                  | <0.0605 | U         | 0.565 | 0.0605 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 1-Naphthylamine                     | <0.266  | U         | 0.565 | 0.266  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2,6-Dichlorophenol                  | <0.0962 | U         | 0.565 | 0.0962 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Acetylaminofluorene               | <1.69   | U         | 2.82  | 1.69   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Chlorophenol                      | <0.101  | U *       | 0.565 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Naphthylamine                     | <0.407  | U         | 0.565 | 0.407  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Picoline                          | <1.02   | U * *     | 1.13  | 1.02   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Toluidine                         | <0.420  | U         | 0.565 | 0.420  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 3,3'-Dichlorobenzidine              | <0.642  | U         | 1.13  | 0.642  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 3,3'-Dimethylbenzidine              | <0.292  | U         | 0.565 | 0.292  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 3-Methylcholanthrene                | <0.0871 | U *       | 0.565 | 0.0871 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.629  | U         | 1.13  | 0.629  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.126  | U         | 0.565 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.43   | U *       | 5.65  | 1.43   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Aramite Peak 1                      | <0.182  | U         | 0.565 | 0.182  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Aramite Peak 2                      | <0.201  | U         | 0.565 | 0.201  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Aramite, Total                      | <0.182  | U *       | 0.565 | 0.182  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Diallate                            | <0.0296 | U *       | 0.565 | 0.0296 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Diallate Peak 1                     | <0.0739 | U         | 0.565 | 0.0739 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Diallate Peak 2                     | <0.0296 | U *       | 0.565 | 0.0296 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Dimethoate                          | <0.493  | U **      | 2.82  | 0.493  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Dinoseb                             | <0.669  | U         | 2.82  | 0.669  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Disulfoton                          | <2.13   | U **      | 2.82  | 2.13   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Ethyl methanesulfonate              | <0.183  | U         | 0.565 | 0.183  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Ethyl Parathion                     | <0.618  | U **      | 1.13  | 0.618  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Famphur                             | <0.256  | U         | 1.13  | 0.256  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Hexachloropropene                   | <0.565  | U         | 0.565 | 0.565  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Isosafrole                          | <0.0228 | U         | 0.565 | 0.0228 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Isosafrole Peak 1                   | <0.0228 | U         | 0.565 | 0.0228 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Isosafrole Peak 2                   | <0.0974 | U         | 0.565 | 0.0974 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Methapyrilene                       | <1.50   | U **      | 2.26  | 1.50   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Methyl methanesulfonate             | <0.184  | U         | 0.565 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Methyl parathion                    | <2.73   | U **      | 2.82  | 2.73   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosodiethylamine               | <0.665  | U *       | 1.13  | 0.665  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosodimethylamine              | <0.157  | U         | 0.565 | 0.157  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosodi-n-butylamine            | <0.715  | U         | 1.13  | 0.715  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosomethylethylamine           | <0.693  | U         | 1.13  | 0.693  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosomorpholine                 | <0.705  | U         | 1.13  | 0.705  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| N-Nitrosopyrrolidine                | <0.107  | U         | 0.565 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| p-Dimethylamino azobenzene          | <0.152  | U         | 0.565 | 0.152  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Pentachloronitrobenzene             | <0.250  | U         | 0.565 | 0.250  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Phenacetin                          | <0.249  | U         | 0.565 | 0.249  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Phorate                             | <2.58   | U **      | 5.65  | 2.58   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| p-Phenylene diamine                 | <5.65   | U * *     | 5.65  | 5.65   | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Pronamide                           | <0.133  | U *       | 0.565 | 0.133  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0910 | U *-      | 0.565 | 0.0910 | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Sulfotepp      | <0.466  | U **      | 1.13  | 0.466  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Thionazin      | <0.336  | U         | 1.13  | 0.336  | ug/L |   | 11/13/25 14:28 | 11/15/25 09:37 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 88        |           | 26 - 136 | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Nitrobenzene-d5 (Surr)      | 79        |           | 32 - 133 | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| Phenol-d5 (Surr)            | 23        |           | 8 - 124  | 11/13/25 14:28 | 11/15/25 09:37 | 1       |
| p-Terphenyl-d14             | 65        |           | 28 - 130 | 11/13/25 14:28 | 11/15/25 09:37 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte                          | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                      | 687    |           | 282 | 51.8 | ug/L |   | 11/13/25 14:28 | 12/01/25 16:07 | 500     |
| o,o',o"-Triethylphosphorothioate | 4120   |           | 282 | 65.3 | ug/L |   | 11/13/25 14:28 | 12/01/25 16:07 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:28 | 12/01/25 16:07 | 500     |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 14:28 | 12/01/25 16:07 | 500     |
| 2-Fluorophenol (Surr)       | 178       | S1+       | 19 - 120 | 11/13/25 14:28 | 12/01/25 16:07 | 500     |
| Nitrobenzene-d5 (Surr)      | 133       |           | 32 - 133 | 11/13/25 14:28 | 12/01/25 16:07 | 500     |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 14:28 | 12/01/25 16:07 | 500     |
| p-Terphenyl-d14             | 1071      | S1+       | 28 - 130 | 11/13/25 14:28 | 12/01/25 16:07 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.122  | U H       | 0.576 | 0.122  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1,2-Dichlorobenzene          | <0.102  | U H       | 0.576 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1,3-Dichlorobenzene          | <0.109  | U H       | 0.576 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U H       | 0.576 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.86   | U H       | 2.88  | 1.86   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,4,5-Trichlorophenol        | <0.434  | U H       | 0.576 | 0.434  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,4,6-Trichlorophenol        | <0.118  | U H       | 0.576 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,4-Dichlorophenol           | <0.127  | U H       | 0.576 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,4-Dimethylphenol           | <0.113  | U H       | 0.576 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U H       | 5.76  | 1.39   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,4-Dinitrotoluene           | <0.517  | U H       | 1.15  | 0.517  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,6-Dinitrotoluene           | <0.275  | U H       | 0.576 | 0.275  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Chloronaphthalene          | <0.119  | U H       | 0.576 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Methylnaphthalene          | <0.110  | U H       | 0.576 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Methylphenol               | <0.110  | U H       | 0.576 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Nitroaniline               | <0.159  | U H       | 0.576 | 0.159  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Nitrophenol                | <0.138  | U H       | 0.576 | 0.138  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 3 & 4 Methylphenol           | <0.0951 | U H       | 0.576 | 0.0951 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 3-Nitroaniline               | <0.224  | U H       | 1.15  | 0.224  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.24   | U H       | 2.88  | 1.24   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U H       | 0.576 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U H       | 0.576 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 4-Chloroaniline              | <0.0887 | U H *1    | 0.576 | 0.0887 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chlorophenyl phenyl ether | <0.0961 | U H       | 0.576 | 0.0961 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 4-Nitroaniline              | <0.273  | U H       | 1.15  | 0.273  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Acenaphthene                | 0.143   | J H       | 0.576 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Acenaphthylene              | <0.126  | U H       | 0.576 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Aniline                     | <0.453  | U H *- *1 | 1.15  | 0.453  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Anthracene                  | <0.105  | U H       | 0.576 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Benzo[a]anthracene          | <0.128  | U H       | 0.288 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Benzo[a]pyrene              | <0.108  | U H       | 0.288 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U H       | 0.576 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Benzo[g,h,i]perylene        | <0.0910 | U H       | 0.576 | 0.0910 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U H       | 0.576 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Benzyl alcohol              | <0.226  | U H *- *1 | 2.88  | 0.226  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U H       | 0.576 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U H       | 0.576 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.575  | U H       | 1.15  | 0.575  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Butyl benzyl phthalate      | <0.338  | U H       | 1.15  | 0.338  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Chrysene                    | <0.0972 | U H       | 0.576 | 0.0972 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Dibenz(a,h)anthracene       | <0.0857 | U H       | 0.115 | 0.0857 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Dibenzofuran                | <0.113  | U H       | 0.576 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Diethyl phthalate           | <0.188  | U H       | 1.15  | 0.188  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Dimethyl phthalate          | <0.134  | U H       | 1.15  | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Di-n-butyl phthalate        | <0.665  | U H       | 1.15  | 0.665  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Di-n-octyl phthalate        | <0.288  | U H       | 1.15  | 0.288  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Fluoranthene                | <0.121  | U H       | 0.576 | 0.121  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Fluorene                    | <0.114  | U H       | 0.576 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Hexachlorobenzene           | <0.133  | U H       | 0.576 | 0.133  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Hexachlorobutadiene         | <0.163  | U H       | 0.576 | 0.163  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Hexachlorocyclopentadiene   | <0.181  | U H       | 1.15  | 0.181  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Hexachloroethane            | <0.126  | U H       | 0.576 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U H       | 0.576 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Isophorone                  | <0.107  | U H       | 0.576 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Naphthalene                 | <0.115  | U H       | 0.576 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Nitrobenzene                | <0.153  | U H       | 0.576 | 0.153  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U H       | 0.576 | 0.148  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U H       | 0.576 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Pentachlorophenol           | <0.314  | U H       | 0.576 | 0.314  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Phenanthrene                | <0.108  | U H       | 0.576 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Phenol                      | <0.510  | U H       | 1.15  | 0.510  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Pyrene                      | <0.130  | U H       | 0.576 | 0.130  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Pyridine                    | <0.843  | U H *-    | 2.88  | 0.843  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitro-o-toluidine         | <0.656  | U H       | 1.15  | 0.656  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.256  | U H       | 0.576 | 0.256  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Acetophenone                | <0.139  | U H *-    | 1.15  | 0.139  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosopiperidine         | <0.635  | U H       | 1.15  | 0.635  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Pentachlorobenzene          | <0.126  | U H       | 0.576 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Diphenyl ether              | 1.77    | H         | 0.576 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1,1'-Biphenyl               | <0.114  | U H       | 0.576 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 4-Aminobiphenyl             | <0.196  | U H *1    | 0.576 | 0.196  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.116  | U H       | 0.576 | 0.116  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,3,5-Trinitrobenzene               | <0.658  | U H       | 1.15  | 0.658  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1,3-Dinitrobenzene                  | <0.592  | U H       | 1.15  | 0.592  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1,4-Naphthoquinone                  | <0.0617 | U H       | 0.576 | 0.0617 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 1-Naphthylamine                     | <0.271  | U H       | 0.576 | 0.271  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2,6-Dichlorophenol                  | <0.0980 | U H       | 0.576 | 0.0980 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Acetylaminofluorene               | <1.72   | U H       | 2.88  | 1.72   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Chlorophenol                      | <0.103  | U H       | 0.576 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Naphthylamine                     | <0.415  | U H *- *1 | 0.576 | 0.415  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Picoline                          | <1.04   | U H *- *1 | 1.15  | 1.04   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Toluidine                         | <0.427  | U H *- *1 | 0.576 | 0.427  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 3,3'-Dichlorobenzidine              | <0.654  | U H *- *1 | 1.15  | 0.654  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 3,3'-Dimethylbenzidine              | <0.297  | U H       | 0.576 | 0.297  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 3-Methylcholanthrene                | <0.0888 | U H       | 0.576 | 0.0888 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.641  | U H       | 1.15  | 0.641  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.129  | U H       | 0.576 | 0.129  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U H *-    | 5.76  | 1.46   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Aramite Peak 1                      | <0.185  | U H       | 0.576 | 0.185  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Aramite Peak 2                      | <0.204  | U H       | 0.576 | 0.204  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Aramite, Total                      | <0.185  | U H *-    | 0.576 | 0.185  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Diallate                            | <0.0301 | U H *-    | 0.576 | 0.0301 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Diallate Peak 1                     | <0.0753 | U H       | 0.576 | 0.0753 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Diallate Peak 2                     | <0.0301 | U H       | 0.576 | 0.0301 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Dimethoate                          | <0.502  | U ** H    | 2.88  | 0.502  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Dinoseb                             | <0.681  | U ** H    | 2.88  | 0.681  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Disulfoton                          | <2.17   | U ** H    | 2.88  | 2.17   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Ethyl methanesulfonate              | <0.187  | U H       | 0.576 | 0.187  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Ethyl Parathion                     | <0.630  | U ** H    | 1.15  | 0.630  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Famphur                             | <0.261  | U ** H    | 1.15  | 0.261  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Hexachloropropene                   | <0.576  | U H       | 0.576 | 0.576  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Isosafrole                          | <0.0232 | U H       | 0.576 | 0.0232 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Isosafrole Peak 1                   | <0.0232 | U H       | 0.576 | 0.0232 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Isosafrole Peak 2                   | <0.0992 | U H       | 0.576 | 0.0992 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Methapyriline                       | <1.53   | U ** H    | 2.30  | 1.53   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Methyl methanesulfonate             | <0.187  | U H       | 0.576 | 0.187  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Methyl parathion                    | <2.78   | U ** H    | 2.88  | 2.78   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosodiethylamine               | <0.678  | U H       | 1.15  | 0.678  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U H       | 0.576 | 0.160  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosodi-n-butylamine            | <0.729  | U H       | 1.15  | 0.729  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosomethylethylamine           | <0.706  | U H       | 1.15  | 0.706  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosomorpholine                 | <0.718  | U H       | 1.15  | 0.718  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U H       | 0.576 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| p-Dimethylamino azobenzene          | <0.155  | U H       | 0.576 | 0.155  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Pentachloronitrobenzene             | <0.255  | U H       | 0.576 | 0.255  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Phenacetin                          | <0.254  | U H       | 0.576 | 0.254  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Phorate                             | <2.63   | U ** H    | 5.76  | 2.63   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| p-Phenylene diamine                 | <5.76   | U H *-    | 5.76  | 5.76   | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Pronamide                           | <0.135  | U H       | 0.576 | 0.135  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Safrole, Total                      | <0.0927 | U H *-    | 0.576 | 0.0927 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Sulfotepp                           | <0.474  | U ** H    | 1.15  | 0.474  | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-16

Lab Sample ID: 860-116358-3

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Thionazin                   | <0.342    | U H       | 1.15     | 0.342 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 87        |           | 26 - 136 |       |      |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 |       |      |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 |       |      |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Nitrobenzene-d5 (Surr)      | 87        |           | 32 - 133 |       |      |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  |       |      |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |
| p-Terphenyl-d14             | 74        |           | 28 - 130 |       |      |   | 12/01/25 14:58 | 12/02/25 19:11 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

| Analyte                     | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                 | 305       | H *1      | 288      | 52.8 | ug/L |   | 12/01/25 14:58 | 12/02/25 19:40 | 500     |
| Surrogate                   | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 83        |           | 26 - 136 |      |      |   | 12/01/25 14:58 | 12/02/25 19:40 | 500     |
| 2-Fluorobiphenyl            | 68        |           | 39 - 130 |      |      |   | 12/01/25 14:58 | 12/02/25 19:40 | 500     |
| 2-Fluorophenol (Surr)       | 74        |           | 19 - 120 |      |      |   | 12/01/25 14:58 | 12/02/25 19:40 | 500     |
| Nitrobenzene-d5 (Surr)      | 95        |           | 32 - 133 |      |      |   | 12/01/25 14:58 | 12/02/25 19:40 | 500     |
| Phenol-d5 (Surr)            | 66        |           | 8 - 124  |      |      |   | 12/01/25 14:58 | 12/02/25 19:40 | 500     |
| p-Terphenyl-d14             | 99        |           | 28 - 130 |      |      |   | 12/01/25 14:58 | 12/02/25 19:40 | 500     |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 17:26 | 1       |

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <6.44  | U         | 10.0 | 6.44 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,1,1-Trichloroethane                 | <5.85  | U         | 50.0 | 5.85 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,1,2,2-Tetrachloroethane             | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1  | U         | 100  | 11.1 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,1,2-Trichloroethane                 | <4.11  | U         | 10.0 | 4.11 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,1-Dichloroethane                    | <6.35  | U         | 10.0 | 6.35 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,1-Dichloroethene                    | <7.38  | U         | 10.0 | 7.38 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,2,3-Trichloropropane                | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,2,4-Trimethylbenzene                | <4.17  | U         | 10.0 | 4.17 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,2-Dibromo-3-Chloropropane           | <6.71  | U         | 50.0 | 6.71 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,2-Dibromoethane                     | <9.99  | U         | 50.0 | 9.99 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,2-Dichloroethane                    | <3.72  | U         | 10.0 | 3.72 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,2-Dichloropropane                   | <5.56  | U         | 50.0 | 5.56 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,3,5-Trimethylbenzene                | <4.11  | U         | 10.0 | 4.11 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 1,3-Butadiene                         | <5.68  | U         | 10.0 | 5.68 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 2,2,4-Trimethylpentane                | <5.00  | U         | 50.0 | 5.00 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 2-Butanone (MEK)                      | <82.8  | U         | 500  | 82.8 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 2-Hexanone (MBK)                      | <50.0  | U         | 500  | 50.0 | ug/L |   |          | 11/18/25 15:57 | 10      |
| 2-Propanol                            | <52.3  | U         | 100  | 52.3 | ug/L |   |          | 11/18/25 15:57 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result      | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|-----------|--------|--------|------|---|----------|----------------|---------|
| 3-Chloropropene (Allyl Chloride) | <5.97       | U         | 50.0   | 5.97   | ug/L |   |          | 11/18/25 15:57 | 10      |
| 4-Methyl-2-pentanone             | <50.0       | U         | 500    | 50.0   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Acetone                          | <30.7       | U         | 1000   | 30.7   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Acetonitrile                     | <146        | U         | 1000   | 146    | ug/L |   |          | 11/18/25 15:57 | 10      |
| Acrolein                         | <111        | U         | 500    | 111    | ug/L |   |          | 11/18/25 15:57 | 10      |
| Acrylonitrile                    | <143        | U         | 500    | 143    | ug/L |   |          | 11/18/25 15:57 | 10      |
| alpha-Chlorotoluene              | <22.6       | U         | 50.0   | 22.6   | ug/L |   |          | 11/18/25 15:57 | 10      |
| <b>Benzene</b>                   | <b>344</b>  |           | 10.0   | 4.60   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Bromodichloromethane             | <5.52       | U         | 10.0   | 5.52   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Bromoform                        | <6.33       | U         | 50.0   | 6.33   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Bromomethane                     | <14.2       | U         | 50.0   | 14.2   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Carbon disulfide                 | <16.5       | U         | 50.0   | 16.5   | ug/L |   |          | 11/18/25 15:57 | 10      |
| <b>Carbon tetrachloride</b>      | <b>1900</b> |           | 20.0   | 8.96   | ug/L |   |          | 11/18/25 15:57 | 10      |
| <b>Chlorobenzene</b>             | <b>27.2</b> |           | 10.0   | 4.55   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Chlorodibromomethane             | <5.47       | U         | 50.0   | 5.47   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Chloroethane                     | <19.8       | U         | 100    | 19.8   | ug/L |   |          | 11/18/25 15:57 | 10      |
| <b>Chloroform</b>                | <b>320</b>  |           | 10.0   | 4.64   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Chloromethane                    | <20.4       | U         | 100    | 20.4   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Chloroprene                      | <5.98       | U         | 50.0   | 5.98   | ug/L |   |          | 11/18/25 15:57 | 10      |
| cis-1,2-Dichloroethene           | <4.57       | U         | 10.0   | 4.57   | ug/L |   |          | 11/18/25 15:57 | 10      |
| cis-1,3-Dichloropropene          | <10.7       | U         | 50.0   | 10.7   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Cumene (isopropylbenzene)        | <5.92       | U         | 10.0   | 5.92   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Cyclohexane                      | <12.9       | U         | 50.0   | 12.9   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Dibromomethane                   | <3.57       | U         | 10.0   | 3.57   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Dichlorodifluoromethane          | <7.85       | U         | 10.0   | 7.85   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Ethyl methacrylate               | <11.2       | U         | 50.0   | 11.2   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Ethylbenzene                     | <3.85       | U         | 10.0   | 3.85   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Hexane                           | <5.17       | U         | 50.0   | 5.17   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Iodomethane                      | <50.0       | U         | 200    | 50.0   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Isobutanol                       | <171        | U         | 500    | 171    | ug/L |   |          | 11/18/25 15:57 | 10      |
| Methacrylonitrile                | <27.2       | U         | 100    | 27.2   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Methyl methacrylate              | <22.5       | U         | 100    | 22.5   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Methyl tert-butyl ether          | <13.9       | U         | 50.0   | 13.9   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Methylene Chloride               | <17.3       | U         | 50.0   | 17.3   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Propionitrile                    | <33.4       | U         | 100    | 33.4   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Propylbenzene                    | <4.29       | U         | 10.0   | 4.29   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Styrene                          | <6.19       | U         | 10.0   | 6.19   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Tetrachloroethene                | <6.55       | U         | 10.0   | 6.55   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Tetrahydrofuran                  | <18.3       | U         | 100    | 18.3   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Toluene                          | <4.75       | U         | 10.0   | 4.75   | ug/L |   |          | 11/18/25 15:57 | 10      |
| trans-1,2-Dichloroethene         | <3.68       | U         | 10.0   | 3.68   | ug/L |   |          | 11/18/25 15:57 | 10      |
| trans-1,3-Dichloropropene        | <12.7       | U         | 50.0   | 12.7   | ug/L |   |          | 11/18/25 15:57 | 10      |
| trans-1,4-Dichloro-2-butene      | <13.5       | U         | 100    | 13.5   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Trichloroethene                  | <15.0       | U         | 50.0   | 15.0   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Trichlorofluoromethane           | <5.60       | U         | 10.0   | 5.60   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Vinyl acetate                    | <21.4       | U         | 200    | 21.4   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Vinyl chloride                   | <4.28       | U         | 20.0   | 4.28   | ug/L |   |          | 11/18/25 15:57 | 10      |
| Xylenes, Total                   | <12.4       | U         | 20.0   | 12.4   | ug/L |   |          | 11/18/25 15:57 | 10      |
| m,p-Xylenes                      | <0.0124     | U         | 0.0200 | 0.0124 | mg/L |   |          | 11/18/25 15:57 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|---------|------|---|----------|----------------|---------|
| o-Xylene                     | <0.00502  | U         | 0.0100   | 0.00502 | mg/L |   |          | 11/18/25 15:57 | 10      |
| Surrogate                    | %Recovery | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 63 - 144 |         |      |   |          | 11/18/25 15:57 | 10      |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 74 - 124 |         |      |   |          | 11/18/25 15:57 | 10      |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |         |      |   |          | 11/18/25 15:57 | 10      |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |         |      |   |          | 11/18/25 15:57 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.568 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,2-Dichlorobenzene          | 0.596   | *-        | 0.568 | 0.100  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.568 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,4-Dichlorobenzene          | 0.654   | *-        | 0.568 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U *-      | 2.84  | 1.84   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.568 | 0.429  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.568 | 0.116  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U *-      | 0.568 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.568 | 0.111  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.68  | 1.37   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,4-Dinitrotoluene           | <0.510  | U         | 1.14  | 0.510  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.568 | 0.271  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Methylnaphthalene          | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.568 | 0.157  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.568 | 0.136  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 3 & 4 Methylphenol           | 0.288   | J         | 0.568 | 0.0939 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.14  | 0.221  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U *-      | 0.568 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.568 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4-Chloroaniline              | <0.0876 | U         | 0.568 | 0.0876 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0948 | U *-      | 0.568 | 0.0948 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4-Nitroaniline               | <0.269  | U         | 1.14  | 0.269  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.568 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Aniline                      | <0.447  | U *-      | 1.14  | 0.447  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Anthracene                   | <0.103  | U         | 0.568 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Benzo[a]pyrene               | <0.107  | U *-      | 0.284 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Benzo[g,h,i]perylene         | <0.0898 | U         | 0.568 | 0.0898 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.568 | 0.123  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Benzyl alcohol               | <0.223  | U *- *1   | 2.84  | 0.223  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U *-      | 0.568 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U *-      | 0.568 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.568  | U         | 1.14  | 0.568  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Butyl benzyl phthalate       | <0.334  | U *-      | 1.14  | 0.334  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Chrysene                     | <0.0960 | U         | 0.568 | 0.0960 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Dibenz(a,h)anthracene               | <0.0846 | U *-      | 0.114 | 0.0846 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Dibenzofuran                        | <0.112  | U *-      | 0.568 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Diethyl phthalate                   | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Dimethyl phthalate                  | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Di-n-butyl phthalate                | <0.656  | U         | 1.14  | 0.656  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Di-n-octyl phthalate                | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Fluoranthene                        | <0.119  | U         | 0.568 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Fluorene                            | <0.112  | U *-      | 0.568 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Hexachlorobenzene                   | <0.131  | U *-      | 0.568 | 0.131  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Hexachlorobutadiene                 | <0.161  | U         | 0.568 | 0.161  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Hexachlorocyclopentadiene           | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Hexachloroethane                    | <0.124  | U         | 0.568 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102  | U         | 0.568 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Isophorone                          | <0.105  | U         | 0.568 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Naphthalene                         | <0.114  | U         | 0.568 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Nitrobenzene                        | <0.151  | U *-      | 0.568 | 0.151  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosodi-n-propylamine           | <0.146  | U         | 0.568 | 0.146  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosodiphenylamine              | <0.112  | U         | 0.568 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Pentachlorophenol                   | <0.310  | U         | 0.568 | 0.310  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Phenanthrene                        | <0.106  | U *-      | 0.568 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Phenol                              | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Pyrene                              | <0.128  | U         | 0.568 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Pyridine                            | <0.832  | U *-      | 2.84  | 0.832  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitro-o-toluidine                 | <0.648  | U         | 1.14  | 0.648  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.252  | U         | 0.568 | 0.252  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Acetophenone                        | <0.138  | U *-      | 1.14  | 0.138  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosopiperidine                 | <0.627  | U         | 1.14  | 0.627  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Pentachlorobenzene                  | <0.124  | U *-      | 0.568 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Diphenyl ether                      | 0.154   | J         | 0.568 | 0.100  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U         | 0.568 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4-Aminobiphenyl                     | <0.194  | U         | 0.568 | 0.194  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.568 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,3,5-Trinitrobenzene               | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,3-Dinitrobenzene                  | <0.584  | U *-      | 1.14  | 0.584  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U         | 0.568 | 0.0609 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 1-Naphthylamine                     | <0.268  | U         | 0.568 | 0.268  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2,6-Dichlorophenol                  | <0.0967 | U         | 0.568 | 0.0967 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Chlorophenol                      | <0.102  | U *-      | 0.568 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Naphthylamine                     | <0.409  | U         | 0.568 | 0.409  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.568 | 0.422  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 3,3'-Dichlorobenzidine              | <0.646  | U         | 1.14  | 0.646  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 3,3'-Dimethylbenzidine              | <0.293  | U         | 0.568 | 0.293  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 3-Methylcholanthrene                | <0.0876 | U *-      | 0.568 | 0.0876 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.633  | U         | 1.14  | 0.633  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.568 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *-      | 5.68  | 1.44   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.568 | 0.183  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Aramite Peak 2             | <0.202  | U         | 0.568 | 0.202  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Aramite, Total             | <0.183  | U *-      | 0.568 | 0.183  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Diallate                   | <0.0297 | U *-      | 0.568 | 0.0297 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Diallate Peak 1            | <0.0743 | U         | 0.568 | 0.0743 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Diallate Peak 2            | <0.0297 | U *-      | 0.568 | 0.0297 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Dimethoate                 | <0.496  | U **      | 2.84  | 0.496  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Dinoseb                    | <0.672  | U         | 2.84  | 0.672  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Disulfoton                 | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Ethyl methanesulfonate     | <0.184  | U         | 0.568 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Ethyl Parathion            | <0.622  | U **      | 1.14  | 0.622  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Famphur                    | <0.257  | U         | 1.14  | 0.257  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Hexachloropropene          | <0.568  | U         | 0.568 | 0.568  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Isosafrole                 | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Isosafrole Peak 1          | <0.0229 | U         | 0.568 | 0.0229 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Isosafrole Peak 2          | <0.0979 | U         | 0.568 | 0.0979 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Methapyriline              | <1.51   | U **      | 2.27  | 1.51   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Methyl methanesulfonate    | <0.185  | U         | 0.568 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Methyl parathion           | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosodiethylamine      | <0.669  | U *-      | 1.14  | 0.669  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosodimethylamine     | <0.158  | U         | 0.568 | 0.158  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosodi-n-butylamine   | <0.719  | U         | 1.14  | 0.719  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosomethylethylamine  | <0.697  | U         | 1.14  | 0.697  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosomorpholine        | <0.709  | U         | 1.14  | 0.709  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| N-Nitrosopyrrolidine       | <0.108  | U         | 0.568 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| p-Dimethylamino azobenzene | <0.153  | U         | 0.568 | 0.153  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Pentachloronitrobenzene    | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Phenacetin                 | <0.251  | U         | 0.568 | 0.251  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Phorate                    | <2.59   | U **      | 5.68  | 2.59   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| p-Phenylene diamine        | <5.68   | U *- *1   | 5.68  | 5.68   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Pronamide                  | <0.134  | U *-      | 0.568 | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Safrole, Total             | <0.0915 | U *-      | 0.568 | 0.0915 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Sulfotepp                  | <0.468  | U **      | 1.14  | 0.468  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Thionazin                  | <0.338  | U         | 1.14  | 0.338  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:05 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 100       |           | 26 - 136 | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Fluorobiphenyl            | 64        |           | 39 - 130 | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Nitrobenzene-d5 (Surr)      | 92        |           | 32 - 133 | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| Phenol-d5 (Surr)            | 21        |           | 8 - 124  | 11/13/25 14:28 | 11/15/25 10:05 | 1       |
| p-Terphenyl-d14             | 76        |           | 28 - 130 | 11/13/25 14:28 | 11/15/25 10:05 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte                          | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                      | 250    | J         | 284 | 52.1 | ug/L |   | 11/13/25 14:28 | 12/01/25 16:37 | 500     |
| o,o',o"-Triethylphosphorothioate | 511    |           | 284 | 65.7 | ug/L |   | 11/13/25 14:28 | 12/01/25 16:37 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:28 | 12/01/25 16:37 | 500     |
| 2-Fluorobiphenyl            | 282       | S1+       | 39 - 130 | 11/13/25 14:28 | 12/01/25 16:37 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorophenol (Surr)  | 183       | S1+       | 19 - 120 | 11/13/25 14:28 | 12/01/25 16:37 | 500     |
| Nitrobenzene-d5 (Surr) | 117       |           | 32 - 133 | 11/13/25 14:28 | 12/01/25 16:37 | 500     |
| Phenol-d5 (Surr)       | 49        |           | 8 - 124  | 11/13/25 14:28 | 12/01/25 16:37 | 500     |
| p-Terphenyl-d14        | 844       | S1+       | 28 - 130 | 11/13/25 14:28 | 12/01/25 16:37 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result       | Qualifier  | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120       | U H        | 0.568 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| <b>1,2-Dichlorobenzene</b>   | <b>0.519</b> | <b>J H</b> | 0.568 | 0.100  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 1,3-Dichlorobenzene          | <0.107       | U H        | 0.568 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| <b>1,4-Dichlorobenzene</b>   | <b>0.577</b> | <b>H</b>   | 0.568 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84        | U H        | 2.84  | 1.84   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,4,5-Trichlorophenol        | <0.429       | U H        | 0.568 | 0.429  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,4,6-Trichlorophenol        | <0.116       | U H        | 0.568 | 0.116  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,4-Dichlorophenol           | <0.125       | U H        | 0.568 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,4-Dimethylphenol           | <0.111       | U H        | 0.568 | 0.111  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,4-Dinitrophenol            | <1.37        | U H        | 5.68  | 1.37   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,4-Dinitrotoluene           | <0.510       | U H        | 1.14  | 0.510  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| <b>2,6-Dinitrotoluene</b>    | <b>1.21</b>  | <b>H I</b> | 0.568 | 0.271  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Chloronaphthalene          | <0.118       | U H        | 0.568 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Methylnaphthalene          | <0.108       | U H        | 0.568 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Methylphenol               | <0.108       | U H        | 0.568 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Nitroaniline               | <0.157       | U H        | 0.568 | 0.157  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Nitrophenol                | <0.136       | U H        | 0.568 | 0.136  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 3 & 4 Methylphenol           | <0.0939      | U H        | 0.568 | 0.0939 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 3-Nitroaniline               | <0.221       | U H        | 1.14  | 0.221  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22        | U H        | 2.84  | 1.22   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105       | U H        | 0.568 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4-Chloro-3-methylphenol      | <0.118       | U H        | 0.568 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4-Chloroaniline              | <0.0876      | U H *1     | 0.568 | 0.0876 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0948      | U H        | 0.568 | 0.0948 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4-Nitroaniline               | <0.269       | U H        | 1.14  | 0.269  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Acenaphthene                 | <0.101       | U H        | 0.568 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Acenaphthylene               | <0.124       | U H        | 0.568 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Aniline                      | <0.447       | U H * - *1 | 1.14  | 0.447  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Anthracene                   | <0.103       | U H        | 0.568 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Benzo[a]anthracene           | <0.126       | U H        | 0.284 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Benzo[a]pyrene               | <0.107       | U H        | 0.284 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Benzo[b]fluoranthene         | <0.124       | U H        | 0.568 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Benzo[g,h,i]perylene         | <0.0898      | U H        | 0.568 | 0.0898 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Benzo[k]fluoranthene         | <0.123       | U H        | 0.568 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Benzyl alcohol               | <0.223       | U H * - *1 | 2.84  | 0.223  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107       | U H        | 0.568 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Bis(2-chloroethyl)ether      | <0.106       | U H        | 0.568 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.568       | U H        | 1.14  | 0.568  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Butyl benzyl phthalate       | <0.334       | U H        | 1.14  | 0.334  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Chrysene                     | <0.0960      | U H        | 0.568 | 0.0960 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Dibenz(a,h)anthracene        | <0.0846      | U H        | 0.114 | 0.0846 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Dibenzofuran                 | <0.112       | U H        | 0.568 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diethyl phthalate                   | <0.186  | U H       | 1.14  | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Dimethyl phthalate                  | <0.133  | U H       | 1.14  | 0.133  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Di-n-butyl phthalate                | <0.656  | U H       | 1.14  | 0.656  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Di-n-octyl phthalate                | <0.284  | U H       | 1.14  | 0.284  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Fluoranthene                        | <0.119  | U H       | 0.568 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Fluorene                            | <0.112  | U H       | 0.568 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Hexachlorobenzene                   | <0.131  | U H       | 0.568 | 0.131  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Hexachlorobutadiene                 | <0.161  | U H       | 0.568 | 0.161  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Hexachlorocyclopentadiene           | <0.178  | U H       | 1.14  | 0.178  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Hexachloroethane                    | <0.124  | U H       | 0.568 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102  | U H       | 0.568 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Isophorone                          | <0.105  | U H       | 0.568 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Naphthalene                         | <0.114  | U H       | 0.568 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Nitrobenzene                        | <0.151  | U H       | 0.568 | 0.151  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosodi-n-propylamine           | <0.146  | U H       | 0.568 | 0.146  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosodiphenylamine              | <0.112  | U H       | 0.568 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Pentachlorophenol                   | <0.310  | U H       | 0.568 | 0.310  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Phenanthrene                        | <0.106  | U H       | 0.568 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Phenol                              | <0.504  | U H       | 1.14  | 0.504  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Pyrene                              | <0.128  | U H       | 0.568 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Pyridine                            | <0.832  | U H *     | 2.84  | 0.832  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitro-o-toluidine                 | <0.648  | U H       | 1.14  | 0.648  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.252  | U H       | 0.568 | 0.252  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Acetophenone                        | <0.138  | U H *     | 1.14  | 0.138  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosopiperidine                 | <0.627  | U H       | 1.14  | 0.627  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Pentachlorobenzene                  | <0.124  | U H       | 0.568 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Diphenyl ether                      | <0.100  | U H       | 0.568 | 0.100  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U H       | 0.568 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4-Aminobiphenyl                     | <0.194  | U H *     | 0.568 | 0.194  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U H       | 0.568 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 1,3,5-Trinitrobenzene               | <0.649  | U H       | 1.14  | 0.649  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 1,3-Dinitrobenzene                  | <0.584  | U H       | 1.14  | 0.584  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U H       | 0.568 | 0.0609 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 1-Naphthylamine                     | <0.268  | U H       | 0.568 | 0.268  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2,6-Dichlorophenol                  | <0.0967 | U H       | 0.568 | 0.0967 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U H       | 2.84  | 1.70   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Chlorophenol                      | <0.102  | U H       | 0.568 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Naphthylamine                     | <0.409  | U H *     | 0.568 | 0.409  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Picoline                          | <1.03   | U H *     | 1.14  | 1.03   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Toluidine                         | <0.422  | U H *     | 0.568 | 0.422  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 3,3'-Dichlorobenzidine              | <0.646  | U H *     | 1.14  | 0.646  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 3,3'-Dimethylbenzidine              | <0.293  | U H       | 0.568 | 0.293  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 3-Methylcholanthrene                | <0.0876 | U H       | 0.568 | 0.0876 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.633  | U H       | 1.14  | 0.633  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U H       | 0.568 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U H *     | 5.68  | 1.44   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Aramite Peak 1                      | <0.183  | U H       | 0.568 | 0.183  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Aramite Peak 2                      | <0.202  | U H       | 0.568 | 0.202  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Aramite, Total                      | <0.183  | U H *     | 0.568 | 0.183  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-13

Lab Sample ID: 860-116358-4

Date Collected: 11/12/25 11:44

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate                   | <0.0297 | U H *     | 0.568 | 0.0297 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Diallate Peak 1            | <0.0743 | U H       | 0.568 | 0.0743 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Diallate Peak 2            | <0.0297 | U H       | 0.568 | 0.0297 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Dimethoate                 | <0.496  | U ** H    | 2.84  | 0.496  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Dinoseb                    | <0.672  | U ** H    | 2.84  | 0.672  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Disulfoton                 | <2.14   | U ** H    | 2.84  | 2.14   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Ethyl methanesulfonate     | <0.184  | U H       | 0.568 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Ethyl Parathion            | <0.622  | U ** H    | 1.14  | 0.622  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Famphur                    | <0.257  | U ** H    | 1.14  | 0.257  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Hexachloropropene          | <0.568  | U H       | 0.568 | 0.568  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Isosafrole                 | <0.0229 | U H       | 0.568 | 0.0229 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Isosafrole Peak 1          | <0.0229 | U H       | 0.568 | 0.0229 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Isosafrole Peak 2          | <0.0979 | U H       | 0.568 | 0.0979 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Methapyriline              | <1.51   | U ** H    | 2.27  | 1.51   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Methyl methanesulfonate    | <0.185  | U H       | 0.568 | 0.185  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Methyl parathion           | <2.75   | U ** H    | 2.84  | 2.75   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosodiethylamine      | <0.669  | U H       | 1.14  | 0.669  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosodimethylamine     | <0.158  | U H       | 0.568 | 0.158  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosodi-n-butylamine   | <0.719  | U H       | 1.14  | 0.719  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosomethylethylamine  | <0.697  | U H       | 1.14  | 0.697  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosomorpholine        | <0.709  | U H       | 1.14  | 0.709  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| N-Nitrosopyrrolidine       | <0.108  | U H       | 0.568 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| p-Dimethylamino azobenzene | <0.153  | U H       | 0.568 | 0.153  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Pentachloronitrobenzene    | <0.251  | U H       | 0.568 | 0.251  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Phenacetin                 | <0.251  | U H       | 0.568 | 0.251  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Phorate                    | <2.59   | U ** H    | 5.68  | 2.59   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| p-Phenylene diamine        | <5.68   | U H *     | 5.68  | 5.68   | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Pronamide                  | <0.134  | U H       | 0.568 | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Safrole, Total             | <0.0915 | U H *     | 0.568 | 0.0915 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Sulfotepp                  | <0.468  | U ** H    | 1.14  | 0.468  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Thionazin                  | <0.338  | U H       | 1.14  | 0.338  | ug/L |   | 12/01/25 14:58 | 12/02/25 20:08 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 89        |           | 26 - 136 | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Fluorobiphenyl            | 66        |           | 39 - 130 | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| 2-Fluorophenol (Surr)       | 32        |           | 19 - 120 | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Nitrobenzene-d5 (Surr)      | 87        |           | 32 - 133 | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| Phenol-d5 (Surr)            | 20        |           | 8 - 124  | 12/01/25 14:58 | 12/02/25 20:08 | 1       |
| p-Terphenyl-d14             | 67        |           | 28 - 130 | 12/01/25 14:58 | 12/02/25 20:08 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

| Analyte     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane | 76.8   | H *1      | 56.8 | 10.4 | ug/L |   | 12/01/25 14:58 | 12/02/25 20:36 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 22        | S1-       | 26 - 136 | 12/01/25 14:58 | 12/02/25 20:36 | 100     |
| 2-Fluorobiphenyl            | 63        |           | 39 - 130 | 12/01/25 14:58 | 12/02/25 20:36 | 100     |
| 2-Fluorophenol (Surr)       | 41        |           | 19 - 120 | 12/01/25 14:58 | 12/02/25 20:36 | 100     |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 12/01/25 14:58 | 12/02/25 20:36 | 100     |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  | 12/01/25 14:58 | 12/02/25 20:36 | 100     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Client Sample ID: MW-13**

**Lab Sample ID: 860-116358-4**

**Date Collected: 11/12/25 11:44**

**Matrix: Water**

**Date Received: 11/13/25 09:32**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 62        |           | 28 - 130 | 12/01/25 14:58 | 12/02/25 20:36 | 100     |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 17:31 | 1       |

**Client Sample ID: DUPE-01**

**Lab Sample ID: 860-116358-5**

**Date Collected: 11/12/25 00:00**

**Matrix: Water**

**Date Received: 11/13/25 09:32**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <6.44       | U         | 10.0 | 6.44 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,1,1-Trichloroethane                 | <5.85       | U         | 50.0 | 5.85 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,1,2,2-Tetrachloroethane             | <4.70       | U         | 10.0 | 4.70 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1       | U         | 100  | 11.1 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,1,2-Trichloroethane                 | <4.11       | U         | 10.0 | 4.11 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,1-Dichloroethane                    | <6.35       | U         | 10.0 | 6.35 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,1-Dichloroethene                    | <7.38       | U         | 10.0 | 7.38 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,2,3-Trichloropropane                | <4.70       | U         | 10.0 | 4.70 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,2,4-Trimethylbenzene                | <4.17       | U         | 10.0 | 4.17 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,2-Dibromo-3-Chloropropane           | <6.71       | U         | 50.0 | 6.71 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,2-Dibromoethane                     | <9.99       | U         | 50.0 | 9.99 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,2-Dichloroethane                    | <3.72       | U         | 10.0 | 3.72 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,2-Dichloropropane                   | <5.56       | U         | 50.0 | 5.56 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,3,5-Trimethylbenzene                | <4.11       | U         | 10.0 | 4.11 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 1,3-Butadiene                         | <5.68       | U         | 10.0 | 5.68 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 2,2,4-Trimethylpentane                | <5.00       | U         | 50.0 | 5.00 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 2-Butanone (MEK)                      | <82.8       | U         | 500  | 82.8 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 2-Hexanone (MBK)                      | <50.0       | U         | 500  | 50.0 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 2-Propanol                            | <52.3       | U         | 100  | 52.3 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 3-Chloropropene (Allyl Chloride)      | <5.97       | U         | 50.0 | 5.97 | ug/L |   |          | 11/18/25 16:18 | 10      |
| 4-Methyl-2-pentanone                  | <50.0       | U         | 500  | 50.0 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Acetone                               | <30.7       | U         | 1000 | 30.7 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Acetonitrile                          | <146        | U         | 1000 | 146  | ug/L |   |          | 11/18/25 16:18 | 10      |
| Acrolein                              | <111        | U         | 500  | 111  | ug/L |   |          | 11/18/25 16:18 | 10      |
| Acrylonitrile                         | <143        | U         | 500  | 143  | ug/L |   |          | 11/18/25 16:18 | 10      |
| alpha-Chlorotoluene                   | <22.6       | U         | 50.0 | 22.6 | ug/L |   |          | 11/18/25 16:18 | 10      |
| <b>Benzene</b>                        | <b>331</b>  |           | 10.0 | 4.60 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Bromodichloromethane                  | <5.52       | U         | 10.0 | 5.52 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Bromoform                             | <6.33       | U         | 50.0 | 6.33 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Bromomethane                          | <14.2       | U         | 50.0 | 14.2 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Carbon disulfide                      | <16.5       | U         | 50.0 | 16.5 | ug/L |   |          | 11/18/25 16:18 | 10      |
| <b>Carbon tetrachloride</b>           | <b>1890</b> |           | 20.0 | 8.96 | ug/L |   |          | 11/18/25 16:18 | 10      |
| <b>Chlorobenzene</b>                  | <b>27.1</b> |           | 10.0 | 4.55 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Chlorodibromomethane                  | <5.47       | U         | 50.0 | 5.47 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Chloroethane                          | <19.8       | U         | 100  | 19.8 | ug/L |   |          | 11/18/25 16:18 | 10      |
| <b>Chloroform</b>                     | <b>310</b>  |           | 10.0 | 4.64 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Chloromethane                         | <20.4       | U         | 100  | 20.4 | ug/L |   |          | 11/18/25 16:18 | 10      |
| Chloroprene                           | <5.98       | U         | 50.0 | 5.98 | ug/L |   |          | 11/18/25 16:18 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: DUPE-01

Lab Sample ID: 860-116358-5

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result   | Qualifier | RL     | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|----------|-----------|--------|---------|------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene      | <4.57    | U         | 10.0   | 4.57    | ug/L |   |          | 11/18/25 16:18 | 10      |
| cis-1,3-Dichloropropene     | <10.7    | U         | 50.0   | 10.7    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Cumene (isopropylbenzene)   | <5.92    | U         | 10.0   | 5.92    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Cyclohexane                 | <12.9    | U         | 50.0   | 12.9    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Dibromomethane              | <3.57    | U         | 10.0   | 3.57    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Dichlorodifluoromethane     | <7.85    | U         | 10.0   | 7.85    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Ethyl methacrylate          | <11.2    | U         | 50.0   | 11.2    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Ethylbenzene                | <3.85    | U         | 10.0   | 3.85    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Hexane                      | <5.17    | U         | 50.0   | 5.17    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Iodomethane                 | <50.0    | U         | 200    | 50.0    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Isobutanol                  | <171     | U         | 500    | 171     | ug/L |   |          | 11/18/25 16:18 | 10      |
| Methacrylonitrile           | <27.2    | U         | 100    | 27.2    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Methyl methacrylate         | <22.5    | U         | 100    | 22.5    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Methyl tert-butyl ether     | <13.9    | U         | 50.0   | 13.9    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Methylene Chloride          | <17.3    | U         | 50.0   | 17.3    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Propionitrile               | <33.4    | U         | 100    | 33.4    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Propylbenzene               | <4.29    | U         | 10.0   | 4.29    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Styrene                     | <6.19    | U         | 10.0   | 6.19    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Tetrachloroethene           | <6.55    | U         | 10.0   | 6.55    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Tetrahydrofuran             | <18.3    | U         | 100    | 18.3    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Toluene                     | <4.75    | U         | 10.0   | 4.75    | ug/L |   |          | 11/18/25 16:18 | 10      |
| trans-1,2-Dichloroethene    | <3.68    | U         | 10.0   | 3.68    | ug/L |   |          | 11/18/25 16:18 | 10      |
| trans-1,3-Dichloropropene   | <12.7    | U         | 50.0   | 12.7    | ug/L |   |          | 11/18/25 16:18 | 10      |
| trans-1,4-Dichloro-2-butene | <13.5    | U         | 100    | 13.5    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Trichloroethene             | <15.0    | U         | 50.0   | 15.0    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Trichlorofluoromethane      | <5.60    | U         | 10.0   | 5.60    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Vinyl acetate               | <21.4    | U         | 200    | 21.4    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Vinyl chloride              | <4.28    | U         | 20.0   | 4.28    | ug/L |   |          | 11/18/25 16:18 | 10      |
| Xylenes, Total              | <12.4    | U         | 20.0   | 12.4    | ug/L |   |          | 11/18/25 16:18 | 10      |
| m,p-Xylenes                 | <0.0124  | U         | 0.0200 | 0.0124  | mg/L |   |          | 11/18/25 16:18 | 10      |
| o-Xylene                    | <0.00502 | U         | 0.0100 | 0.00502 | mg/L |   |          | 11/18/25 16:18 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 63 - 144 |          | 11/18/25 16:18 | 10      |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 74 - 124 |          | 11/18/25 16:18 | 10      |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/18/25 16:18 | 10      |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 11/18/25 16:18 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.573 | 0.121 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,2-Dichlorobenzene          | 0.536  | J *       | 0.573 | 0.101 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.573 | 0.108 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,4-Dichlorobenzene          | 0.598  | *         | 0.573 | 0.110 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U *       | 2.87  | 1.85  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,4,5-Trichlorophenol        | <0.432 | U         | 0.573 | 0.432 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.573 | 0.117 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U *       | 0.573 | 0.126 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.573 | 0.112 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,4-Dinitrophenol            | <1.39  | U         | 5.73  | 1.39  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: DUPE-01

Lab Sample ID: 860-116358-5

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2,4-Dinitrotoluene          | <0.515  | U         | 1.15  | 0.515  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,6-Dinitrotoluene          | <0.274  | U         | 0.573 | 0.274  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Chloronaphthalene         | <0.119  | U         | 0.573 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Nitroaniline              | <0.159  | U         | 0.573 | 0.159  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Nitrophenol               | <0.138  | U         | 0.573 | 0.138  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 3 & 4 Methylphenol          | 0.333   | J         | 0.573 | 0.0947 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 3-Nitroaniline              | <0.223  | U         | 1.15  | 0.223  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.87  | 1.23   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U *       | 0.573 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4-Chloroaniline             | <0.0884 | U         | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0957 | U *       | 0.573 | 0.0957 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4-Nitroaniline              | <0.272  | U         | 1.15  | 0.272  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Acenaphthene                | <0.102  | U         | 0.573 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Aniline                     | <0.451  | U *       | 1.15  | 0.451  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Anthracene                  | <0.104  | U         | 0.573 | 0.104  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.287 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Benzo[a]pyrene              | <0.108  | U *       | 0.287 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U         | 0.573 | 0.0906 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.573 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Benzyl alcohol              | <0.225  | U * *     | 2.87  | 0.225  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U *       | 0.573 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U *       | 0.573 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U         | 1.15  | 0.573  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Butyl benzyl phthalate      | <0.337  | U *       | 1.15  | 0.337  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Chrysene                    | <0.0968 | U         | 0.573 | 0.0968 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U *       | 0.115 | 0.0853 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Dibenzofuran                | <0.113  | U *       | 0.573 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.15  | 0.187  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Di-n-butyl phthalate        | <0.662  | U         | 1.15  | 0.662  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.15  | 0.286  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Fluoranthene                | <0.120  | U         | 0.573 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Fluorene                    | <0.113  | U *       | 0.573 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Hexachlorobenzene           | <0.132  | U *       | 0.573 | 0.132  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.573 | 0.162  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U         | 1.15  | 0.180  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.573 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.573 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Isophorone                  | <0.106  | U         | 0.573 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Naphthalene                 | <0.115  | U         | 0.573 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Nitrobenzene                | <0.153  | U *       | 0.573 | 0.153  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.573 | 0.148  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.573 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Pentachlorophenol           | <0.313  | U         | 0.573 | 0.313  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: DUPE-01

Lab Sample ID: 860-116358-5

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Phenanthrene                        | <0.107  | U *       | 0.573 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Phenol                              | <0.508  | U         | 1.15  | 0.508  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Pyrene                              | <0.129  | U         | 0.573 | 0.129  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Pyridine                            | <0.839  | U *       | 2.87  | 0.839  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitro-o-toluidine                 | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254  | U         | 0.573 | 0.254  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Acetophenone                        | <0.139  | U *       | 1.15  | 0.139  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosopiperidine                 | <0.633  | U         | 1.15  | 0.633  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Pentachlorobenzene                  | <0.125  | U *       | 0.573 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Diphenyl ether                      | 0.113   | J         | 0.573 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,1'-Biphenyl                       | <0.114  | U         | 0.573 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U         | 0.573 | 0.195  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U         | 0.573 | 0.116  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,3,5-Trinitrobenzene               | <0.655  | U         | 1.15  | 0.655  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,3-Dinitrobenzene                  | <0.589  | U *       | 1.15  | 0.589  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1,4-Naphthoquinone                  | <0.0614 | U         | 0.573 | 0.0614 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 1-Naphthylamine                     | <0.270  | U         | 0.573 | 0.270  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2,6-Dichlorophenol                  | <0.0976 | U         | 0.573 | 0.0976 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U         | 2.87  | 1.71   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Chlorophenol                      | <0.103  | U *       | 0.573 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Naphthylamine                     | <0.413  | U         | 0.573 | 0.413  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Picoline                          | <1.03   | U * - *1  | 1.15  | 1.03   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Toluidine                         | <0.426  | U         | 0.573 | 0.426  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U         | 1.15  | 0.652  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U         | 0.573 | 0.296  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 3-Methylcholanthrene                | <0.0884 | U *       | 0.573 | 0.0884 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.638  | U         | 1.15  | 0.638  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U         | 0.573 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U *       | 5.73  | 1.46   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Aramite Peak 1                      | <0.184  | U         | 0.573 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Aramite Peak 2                      | <0.203  | U         | 0.573 | 0.203  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Aramite, Total                      | <0.184  | U *       | 0.573 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Diallate                            | <0.0300 | U *       | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Diallate Peak 1                     | <0.0750 | U         | 0.573 | 0.0750 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Diallate Peak 2                     | <0.0300 | U *       | 0.573 | 0.0300 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Dimethoate                          | <0.500  | U **      | 2.87  | 0.500  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Dinoseb                             | <0.678  | U         | 2.87  | 0.678  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Disulfoton                          | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Ethyl methanesulfonate              | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Ethyl Parathion                     | <0.627  | U **      | 1.15  | 0.627  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Famphur                             | <0.259  | U         | 1.15  | 0.259  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Hexachloropropene                   | <0.573  | U         | 0.573 | 0.573  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Isosafrole                          | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U         | 0.573 | 0.0231 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Isosafrole Peak 2                   | <0.0988 | U         | 0.573 | 0.0988 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Methapyrilene                       | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Methyl methanesulfonate             | <0.186  | U         | 0.573 | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Methyl parathion                    | <2.77   | U **      | 2.87  | 2.77   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosodiethylamine               | <0.675  | U *       | 1.15  | 0.675  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: DUPE-01

Lab Sample ID: 860-116358-5

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine     | <0.160  | U         | 0.573 | 0.160  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosodi-n-butylamine   | <0.726  | U         | 1.15  | 0.726  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosomethylethylamine  | <0.703  | U         | 1.15  | 0.703  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosomorpholine        | <0.715  | U         | 1.15  | 0.715  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| N-Nitrosopyrrolidine       | <0.109  | U         | 0.573 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| p-Dimethylamino azobenzene | <0.155  | U         | 0.573 | 0.155  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Pentachloronitrobenzene    | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Phenacetin                 | <0.253  | U         | 0.573 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Phorate                    | <2.62   | U *       | 5.73  | 2.62   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| p-Phenylene diamine        | <5.73   | U * - *1  | 5.73  | 5.73   | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Pronamide                  | <0.135  | U *       | 0.573 | 0.135  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Safrrole, Total            | <0.0923 | U *       | 0.573 | 0.0923 | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Sulfotepp                  | <0.472  | U *       | 1.15  | 0.472  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Thionazin                  | <0.341  | U         | 1.15  | 0.341  | ug/L |   | 11/13/25 14:28 | 11/15/25 10:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 98        |           | 26 - 136 | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Fluorobiphenyl            | 60        |           | 39 - 130 | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 90        |           | 32 - 133 | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| Phenol-d5 (Surr)            | 29        |           | 8 - 124  | 11/13/25 14:28 | 11/15/25 10:33 | 1       |
| p-Terphenyl-d14             | 73        |           | 28 - 130 | 11/13/25 14:28 | 11/15/25 10:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte                          | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                      | 213    | J         | 287 | 52.5 | ug/L |   | 11/13/25 14:28 | 12/01/25 17:08 | 500     |
| o,o',o"-Triethylphosphorothioate | 229    | J         | 287 | 66.3 | ug/L |   | 11/13/25 14:28 | 12/01/25 17:08 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:28 | 12/01/25 17:08 | 500     |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/13/25 14:28 | 12/01/25 17:08 | 500     |
| 2-Fluorophenol (Surr)       | 150       | S1+       | 19 - 120 | 11/13/25 14:28 | 12/01/25 17:08 | 500     |
| Nitrobenzene-d5 (Surr)      | 0         | S1-       | 32 - 133 | 11/13/25 14:28 | 12/01/25 17:08 | 500     |
| Phenol-d5 (Surr)            | 44        |           | 8 - 124  | 11/13/25 14:28 | 12/01/25 17:08 | 500     |
| p-Terphenyl-d14             | 850       | S1+       | 28 - 130 | 11/13/25 14:28 | 12/01/25 17:08 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U H       | 0.573 | 0.121 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,2-Dichlorobenzene          | 0.517  | J H       | 0.573 | 0.101 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U H       | 0.573 | 0.108 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,4-Dichlorobenzene          | 0.586  | H         | 0.573 | 0.110 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U H       | 2.87  | 1.85  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.432 | U H       | 0.573 | 0.432 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U H       | 0.573 | 0.117 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U H       | 0.573 | 0.126 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U H       | 0.573 | 0.112 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,4-Dinitrophenol            | <1.39  | U H       | 5.73  | 1.39  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,4-Dinitrotoluene           | <0.515 | U H       | 1.15  | 0.515 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,6-Dinitrotoluene           | 1.22   | H I       | 0.573 | 0.274 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: DUPE-01

Lab Sample ID: 860-116358-5

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chloronaphthalene         | <0.119  | U H       | 0.573 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Methylnaphthalene         | <0.109  | U H       | 0.573 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Methylphenol              | <0.109  | U H       | 0.573 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Nitroaniline              | <0.159  | U H       | 0.573 | 0.159  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Nitrophenol               | <0.138  | U H       | 0.573 | 0.138  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 3 & 4 Methylphenol          | <0.0947 | U H       | 0.573 | 0.0947 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 3-Nitroaniline              | <0.223  | U H       | 1.15  | 0.223  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U H       | 2.87  | 1.23   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U H       | 0.573 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4-Chloro-3-methylphenol     | <0.120  | U H       | 0.573 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4-Chloroaniline             | <0.0884 | U H *1    | 0.573 | 0.0884 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0957 | U H       | 0.573 | 0.0957 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4-Nitroaniline              | <0.272  | U H       | 1.15  | 0.272  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Acenaphthene                | <0.102  | U H       | 0.573 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Acenaphthylene              | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Aniline                     | <0.451  | U H *- *1 | 1.15  | 0.451  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Anthracene                  | <0.104  | U H       | 0.573 | 0.104  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Benzo[a]anthracene          | <0.127  | U H       | 0.287 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Benzo[a]pyrene              | <0.108  | U H       | 0.287 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U H       | 0.573 | 0.0906 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U H       | 0.573 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Benzyl alcohol              | <0.225  | U H *- *1 | 2.87  | 0.225  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U H       | 0.573 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U H       | 0.573 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U H       | 1.15  | 0.573  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Butyl benzyl phthalate      | <0.337  | U H       | 1.15  | 0.337  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Chrysene                    | <0.0968 | U H       | 0.573 | 0.0968 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U H       | 0.115 | 0.0853 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Dibenzofuran                | <0.113  | U H       | 0.573 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Diethyl phthalate           | <0.187  | U H       | 1.15  | 0.187  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Dimethyl phthalate          | <0.134  | U H       | 1.15  | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Di-n-butyl phthalate        | <0.662  | U H       | 1.15  | 0.662  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Di-n-octyl phthalate        | <0.286  | U H       | 1.15  | 0.286  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Fluoranthene                | <0.120  | U H       | 0.573 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Fluorene                    | <0.113  | U H       | 0.573 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Hexachlorobenzene           | <0.132  | U H       | 0.573 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Hexachlorobutadiene         | <0.162  | U H       | 0.573 | 0.162  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U H       | 1.15  | 0.180  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Hexachloroethane            | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U H       | 0.573 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Isophorone                  | <0.106  | U H       | 0.573 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Naphthalene                 | <0.115  | U H       | 0.573 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Nitrobenzene                | <0.153  | U H       | 0.573 | 0.153  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U H       | 0.573 | 0.148  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U H       | 0.573 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Pentachlorophenol           | <0.313  | U H       | 0.573 | 0.313  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Phenanthrene                | <0.107  | U H       | 0.573 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Phenol                      | <0.508  | U H       | 1.15  | 0.508  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: DUPE-01

Lab Sample ID: 860-116358-5

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Pyrene                              | <0.129  | U H       | 0.573 | 0.129  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Pyridine                            | <0.839  | U H *     | 2.87  | 0.839  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitro-o-toluidine                 | <0.653  | U H       | 1.15  | 0.653  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254  | U H       | 0.573 | 0.254  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Acetophenone                        | <0.139  | U H *     | 1.15  | 0.139  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosopiperidine                 | <0.633  | U H       | 1.15  | 0.633  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Pentachlorobenzene                  | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Diphenyl ether                      | <0.101  | U H       | 0.573 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,1'-Biphenyl                       | <0.114  | U H       | 0.573 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U H *     | 0.573 | 0.195  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116  | U H       | 0.573 | 0.116  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,3,5-Trinitrobenzene               | <0.655  | U H       | 1.15  | 0.655  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,3-Dinitrobenzene                  | <0.589  | U H       | 1.15  | 0.589  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1,4-Naphthoquinone                  | <0.0614 | U H       | 0.573 | 0.0614 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 1-Naphthylamine                     | <0.270  | U H       | 0.573 | 0.270  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2,6-Dichlorophenol                  | <0.0976 | U H       | 0.573 | 0.0976 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U H       | 2.87  | 1.71   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Chlorophenol                      | <0.103  | U H       | 0.573 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Naphthylamine                     | <0.413  | U H *     | 0.573 | 0.413  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Picoline                          | <1.03   | U H *     | 1.15  | 1.03   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Toluidine                         | <0.426  | U H *     | 0.573 | 0.426  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U H *     | 1.15  | 0.652  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U H       | 0.573 | 0.296  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 3-Methylcholanthrene                | <0.0884 | U H       | 0.573 | 0.0884 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.638  | U H       | 1.15  | 0.638  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U H       | 0.573 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U H *     | 5.73  | 1.46   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Aramite Peak 1                      | <0.184  | U H       | 0.573 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Aramite Peak 2                      | <0.203  | U H       | 0.573 | 0.203  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Aramite, Total                      | <0.184  | U H *     | 0.573 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Diallate                            | <0.0300 | U H *     | 0.573 | 0.0300 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Diallate Peak 1                     | <0.0750 | U H       | 0.573 | 0.0750 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Diallate Peak 2                     | <0.0300 | U H       | 0.573 | 0.0300 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Dimethoate                          | <0.500  | U *+ H    | 2.87  | 0.500  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Dinoseb                             | <0.678  | U *+ H    | 2.87  | 0.678  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Disulfoton                          | <2.16   | U *+ H    | 2.87  | 2.16   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Ethyl methanesulfonate              | <0.186  | U H       | 0.573 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Ethyl Parathion                     | <0.627  | U *+ H    | 1.15  | 0.627  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Famphur                             | <0.259  | U *+ H    | 1.15  | 0.259  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Hexachloropropene                   | <0.573  | U H       | 0.573 | 0.573  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Isosafrole                          | <0.0231 | U H       | 0.573 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U H       | 0.573 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Isosafrole Peak 2                   | <0.0988 | U H       | 0.573 | 0.0988 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Methapyrilene                       | <1.52   | U *+ H    | 2.29  | 1.52   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Methyl methanesulfonate             | <0.186  | U H       | 0.573 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Methyl parathion                    | <2.77   | U *+ H    | 2.87  | 2.77   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosodiethylamine               | <0.675  | U H       | 1.15  | 0.675  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U H       | 0.573 | 0.160  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosodi-n-butylamine            | <0.726  | U H       | 1.15  | 0.726  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: DUPE-01

Lab Sample ID: 860-116358-5

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosomethylethylamine  | <0.703  | U H       | 1.15  | 0.703  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosomorpholine        | <0.715  | U H       | 1.15  | 0.715  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| N-Nitrosopyrrolidine       | <0.109  | U H       | 0.573 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| p-Dimethylamino azobenzene | <0.155  | U H       | 0.573 | 0.155  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Pentachloronitrobenzene    | <0.253  | U H       | 0.573 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Phenacetin                 | <0.253  | U H       | 0.573 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Phorate                    | <2.62   | U *+ H    | 5.73  | 2.62   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| p-Phenylene diamine        | <5.73   | U H *-    | 5.73  | 5.73   | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Pronamide                  | <0.135  | U H       | 0.573 | 0.135  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Safrrole, Total            | <0.0923 | U H *-    | 0.573 | 0.0923 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Sulfotepp                  | <0.472  | U *+ H    | 1.15  | 0.472  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Thionazin                  | <0.341  | U H       | 1.15  | 0.341  | ug/L |   | 12/01/25 14:58 | 12/02/25 21:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 89        |           | 26 - 136 | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Fluorobiphenyl            | 66        |           | 39 - 130 | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 87        |           | 32 - 133 | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| Phenol-d5 (Surr)            | 24        |           | 8 - 124  | 12/01/25 14:58 | 12/02/25 21:04 | 1       |
| p-Terphenyl-d14             | 65        |           | 28 - 130 | 12/01/25 14:58 | 12/02/25 21:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

| Analyte     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane | 83.9   | H *1      | 57.3 | 10.5 | ug/L |   | 12/01/25 14:58 | 12/02/25 21:32 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 51        |           | 26 - 136 | 12/01/25 14:58 | 12/02/25 21:32 | 100     |
| 2-Fluorobiphenyl            | 56        |           | 39 - 130 | 12/01/25 14:58 | 12/02/25 21:32 | 100     |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 12/01/25 14:58 | 12/02/25 21:32 | 100     |
| Nitrobenzene-d5 (Surr)      | 70        |           | 32 - 133 | 12/01/25 14:58 | 12/02/25 21:32 | 100     |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 12/01/25 14:58 | 12/02/25 21:32 | 100     |
| p-Terphenyl-d14             | 63        |           | 28 - 130 | 12/01/25 14:58 | 12/02/25 21:32 | 100     |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 17:48 | 1       |

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <6.44  | U         | 10.0 | 6.44 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,1,1-Trichloroethane                 | <5.85  | U         | 50.0 | 5.85 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,1,2,2-Tetrachloroethane             | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1  | U         | 100  | 11.1 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,1,2-Trichloroethane                 | <4.11  | U         | 10.0 | 4.11 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,1-Dichloroethane                    | <6.35  | U         | 10.0 | 6.35 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,1-Dichloroethene                    | <7.38  | U         | 10.0 | 7.38 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,2,3-Trichloropropane                | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/18/25 16:39 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene           | <4.17       | U         | 10.0 | 4.17 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,2-Dibromo-3-Chloropropane      | <6.71       | U         | 50.0 | 6.71 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,2-Dibromoethane                | <9.99       | U         | 50.0 | 9.99 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,2-Dichloroethane               | <3.72       | U         | 10.0 | 3.72 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,2-Dichloropropane              | <5.56       | U         | 50.0 | 5.56 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,3,5-Trimethylbenzene           | <4.11       | U         | 10.0 | 4.11 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 1,3-Butadiene                    | <5.68       | U         | 10.0 | 5.68 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 2,2,4-Trimethylpentane           | <5.00       | U         | 50.0 | 5.00 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 2-Butanone (MEK)                 | <82.8       | U         | 500  | 82.8 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 2-Hexanone (MBK)                 | <50.0       | U         | 500  | 50.0 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 2-Propanol                       | <52.3       | U         | 100  | 52.3 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 3-Chloropropene (Allyl Chloride) | <5.97       | U         | 50.0 | 5.97 | ug/L |   |          | 11/18/25 16:39 | 10      |
| 4-Methyl-2-pentanone             | <50.0       | U         | 500  | 50.0 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Acetone                          | <30.7       | U         | 1000 | 30.7 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Acetonitrile                     | <146        | U         | 1000 | 146  | ug/L |   |          | 11/18/25 16:39 | 10      |
| Acrolein                         | <111        | U         | 500  | 111  | ug/L |   |          | 11/18/25 16:39 | 10      |
| Acrylonitrile                    | <143        | U         | 500  | 143  | ug/L |   |          | 11/18/25 16:39 | 10      |
| alpha-Chlorotoluene              | <22.6       | U         | 50.0 | 22.6 | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Benzene</b>                   | <b>435</b>  |           | 10.0 | 4.60 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Bromodichloromethane             | <5.52       | U         | 10.0 | 5.52 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Bromoform                        | <6.33       | U         | 50.0 | 6.33 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Bromomethane                     | <14.2       | U         | 50.0 | 14.2 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Carbon disulfide                 | <16.5       | U         | 50.0 | 16.5 | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Carbon tetrachloride</b>      | <b>1510</b> |           | 20.0 | 8.96 | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Chlorobenzene</b>             | <b>80.1</b> |           | 10.0 | 4.55 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Chlorodibromomethane             | <5.47       | U         | 50.0 | 5.47 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Chloroethane                     | <19.8       | U         | 100  | 19.8 | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Chloroform</b>                | <b>95.2</b> |           | 10.0 | 4.64 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Chloromethane                    | <20.4       | U         | 100  | 20.4 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Chloroprene                      | <5.98       | U         | 50.0 | 5.98 | ug/L |   |          | 11/18/25 16:39 | 10      |
| cis-1,2-Dichloroethene           | <4.57       | U         | 10.0 | 4.57 | ug/L |   |          | 11/18/25 16:39 | 10      |
| cis-1,3-Dichloropropene          | <10.7       | U         | 50.0 | 10.7 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Cumene (isopropylbenzene)        | <5.92       | U         | 10.0 | 5.92 | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Cyclohexane</b>               | <b>132</b>  |           | 50.0 | 12.9 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Dibromomethane                   | <3.57       | U         | 10.0 | 3.57 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Dichlorodifluoromethane          | <7.85       | U         | 10.0 | 7.85 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Ethyl methacrylate               | <11.2       | U         | 50.0 | 11.2 | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Ethylbenzene</b>              | <b>13.2</b> |           | 10.0 | 3.85 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Hexane                           | <5.17       | U         | 50.0 | 5.17 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Iodomethane                      | <50.0       | U         | 200  | 50.0 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Isobutanol                       | <171        | U         | 500  | 171  | ug/L |   |          | 11/18/25 16:39 | 10      |
| Methacrylonitrile                | <27.2       | U         | 100  | 27.2 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Methyl methacrylate              | <22.5       | U         | 100  | 22.5 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Methyl tert-butyl ether          | <13.9       | U         | 50.0 | 13.9 | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Methylene Chloride</b>        | <b>93.1</b> |           | 50.0 | 17.3 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Propionitrile                    | <33.4       | U         | 100  | 33.4 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Propylbenzene                    | <4.29       | U         | 10.0 | 4.29 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Styrene                          | <6.19       | U         | 10.0 | 6.19 | ug/L |   |          | 11/18/25 16:39 | 10      |
| Tetrachloroethene                | <6.55       | U         | 10.0 | 6.55 | ug/L |   |          | 11/18/25 16:39 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result         | Qualifier | RL       | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|----------------|-----------|----------|---------|------|---|----------|----------------|---------|
| Tetrahydrofuran              | <18.3          | U         | 100      | 18.3    | ug/L |   |          | 11/18/25 16:39 | 10      |
| Toluene                      | <4.75          | U         | 10.0     | 4.75    | ug/L |   |          | 11/18/25 16:39 | 10      |
| trans-1,2-Dichloroethene     | <3.68          | U         | 10.0     | 3.68    | ug/L |   |          | 11/18/25 16:39 | 10      |
| trans-1,3-Dichloropropene    | <12.7          | U         | 50.0     | 12.7    | ug/L |   |          | 11/18/25 16:39 | 10      |
| trans-1,4-Dichloro-2-butene  | <13.5          | U         | 100      | 13.5    | ug/L |   |          | 11/18/25 16:39 | 10      |
| Trichloroethene              | <15.0          | U         | 50.0     | 15.0    | ug/L |   |          | 11/18/25 16:39 | 10      |
| Trichlorofluoromethane       | <5.60          | U         | 10.0     | 5.60    | ug/L |   |          | 11/18/25 16:39 | 10      |
| Vinyl acetate                | <21.4          | U         | 200      | 21.4    | ug/L |   |          | 11/18/25 16:39 | 10      |
| Vinyl chloride               | <4.28          | U         | 20.0     | 4.28    | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>Xylenes, Total</b>        | <b>21.4</b>    |           | 20.0     | 12.4    | ug/L |   |          | 11/18/25 16:39 | 10      |
| <b>m,p-Xylenes</b>           | <b>0.0128</b>  | <b>J</b>  | 0.0200   | 0.0124  | mg/L |   |          | 11/18/25 16:39 | 10      |
| <b>o-Xylene</b>              | <b>0.00856</b> | <b>J</b>  | 0.0100   | 0.00502 | mg/L |   |          | 11/18/25 16:39 | 10      |
| Surrogate                    | %Recovery      | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109            |           | 63 - 144 |         |      |   |          | 11/18/25 16:39 | 10      |
| 4-Bromofluorobenzene (Surr)  | 96             |           | 74 - 124 |         |      |   |          | 11/18/25 16:39 | 10      |
| Dibromofluoromethane (Surr)  | 91             |           | 75 - 131 |         |      |   |          | 11/18/25 16:39 | 10      |
| Toluene-d8 (Surr)            | 97             |           | 80 - 120 |         |      |   |          | 11/18/25 16:39 | 10      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                       | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene        | <0.122       | U         | 0.576 | 0.122  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| <b>1,2-Dichlorobenzene</b>    | <b>0.659</b> | <b>*-</b> | 0.576 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| <b>1,3-Dichlorobenzene</b>    | <b>0.150</b> | <b>J</b>  | 0.576 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| <b>1,4-Dichlorobenzene</b>    | <b>0.935</b> | <b>*-</b> | 0.576 | 0.110  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,2'-oxybis[1-chloropropane]  | <1.86        | U *-      | 2.88  | 1.86   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,4,5-Trichlorophenol         | <0.434       | U         | 0.576 | 0.434  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,4,6-Trichlorophenol         | <0.118       | U         | 0.576 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,4-Dichlorophenol            | <0.127       | U *-      | 0.576 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| <b>2,4-Dimethylphenol</b>     | <b>0.162</b> | <b>J</b>  | 0.576 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,4-Dinitrophenol             | <1.39        | U         | 5.76  | 1.39   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,4-Dinitrotoluene            | <0.517       | U         | 1.15  | 0.517  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,6-Dinitrotoluene            | <0.275       | U         | 0.576 | 0.275  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Chloronaphthalene           | <0.119       | U         | 0.576 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Methylnaphthalene           | <0.110       | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Methylphenol                | <0.110       | U         | 0.576 | 0.110  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Nitroaniline                | <0.159       | U         | 0.576 | 0.159  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Nitrophenol                 | <0.138       | U         | 0.576 | 0.138  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| <b>3 &amp; 4 Methylphenol</b> | <b>0.942</b> |           | 0.576 | 0.0951 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 3-Nitroaniline                | <0.224       | U         | 1.15  | 0.224  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4,6-Dinitro-2-methylphenol    | <1.24        | U         | 2.88  | 1.24   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4-Bromophenyl phenyl ether    | <0.106       | U *-      | 0.576 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4-Chloro-3-methylphenol       | <0.120       | U         | 0.576 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4-Chloroaniline               | <0.0887      | U         | 0.576 | 0.0887 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4-Chlorophenyl phenyl ether   | <0.0961      | U *-      | 0.576 | 0.0961 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4-Nitroaniline                | <0.273       | U         | 1.15  | 0.273  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Acenaphthene                  | <0.102       | U         | 0.576 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Acenaphthylene                | <0.126       | U         | 0.576 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Aniline                       | <0.453       | U *-      | 1.15  | 0.453  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Anthracene                    | <0.105       | U         | 0.576 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |

Eurofins Houston



# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[a]anthracene          | <0.128  | U         | 0.288 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Benzo[a]pyrene              | <0.108  | U *-      | 0.288 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U         | 0.576 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Benzo[g,h,i]perylene        | <0.0910 | U         | 0.576 | 0.0910 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U         | 0.576 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Benzyl alcohol              | <0.226  | U *- *1   | 2.88  | 0.226  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U *-      | 0.576 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U *-      | 0.576 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.575  | U         | 1.15  | 0.575  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Butyl benzyl phthalate      | <0.338  | U *-      | 1.15  | 0.338  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Chrysene                    | <0.0972 | U         | 0.576 | 0.0972 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Dibenz(a,h)anthracene       | <0.0857 | U *-      | 0.115 | 0.0857 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Dibenzofuran                | <0.113  | U *-      | 0.576 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Diethyl phthalate           | 0.322   | J         | 1.15  | 0.188  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.15  | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Di-n-butyl phthalate        | <0.665  | U         | 1.15  | 0.665  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Di-n-octyl phthalate        | <0.288  | U         | 1.15  | 0.288  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Fluoranthene                | <0.121  | U         | 0.576 | 0.121  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Fluorene                    | <0.114  | U *-      | 0.576 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Hexachlorobenzene           | <0.133  | U *-      | 0.576 | 0.133  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Hexachlorobutadiene         | <0.163  | U         | 0.576 | 0.163  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Hexachlorocyclopentadiene   | <0.181  | U         | 1.15  | 0.181  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Hexachloroethane            | <0.126  | U         | 0.576 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.576 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Isophorone                  | 0.191   | J         | 0.576 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Naphthalene                 | 0.164   | J         | 0.576 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Nitrobenzene                | <0.153  | U *-      | 0.576 | 0.153  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U         | 0.576 | 0.148  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U         | 0.576 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Pentachlorophenol           | 3.42    |           | 0.576 | 0.314  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Phenanthrene                | <0.108  | U *-      | 0.576 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Phenol                      | <0.510  | U         | 1.15  | 0.510  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Pyrene                      | <0.130  | U         | 0.576 | 0.130  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Pyridine                    | <0.843  | U *-      | 2.88  | 0.843  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitro-o-toluidine         | <0.656  | U         | 1.15  | 0.656  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.256  | U         | 0.576 | 0.256  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Acetophenone                | <0.139  | U *-      | 1.15  | 0.139  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosopiperidine         | <0.635  | U         | 1.15  | 0.635  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Pentachlorobenzene          | <0.126  | U *-      | 0.576 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Diphenyl ether              | 0.214   | J         | 0.576 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 1,1'-Biphenyl               | <0.114  | U         | 0.576 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4-Aminobiphenyl             | <0.196  | U         | 0.576 | 0.196  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.116  | U         | 0.576 | 0.116  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 1,3,5-Trinitrobenzene       | <0.658  | U         | 1.15  | 0.658  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 1,3-Dinitrobenzene          | <0.592  | U *-      | 1.15  | 0.592  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 1,4-Naphthoquinone          | <0.0617 | U         | 0.576 | 0.0617 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 1-Naphthylamine             | <0.271  | U         | 0.576 | 0.271  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2,6-Dichlorophenol          | <0.0980 | U         | 0.576 | 0.0980 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Acetylaminofluorene       | <1.72   | U         | 2.88  | 1.72   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                              | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                       | <0.103  | U *-      | 0.576 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Naphthylamine                      | <0.415  | U         | 0.576 | 0.415  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Picoline                           | <1.04   | U *- *1   | 1.15  | 1.04   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Toluidine                          | <0.427  | U         | 0.576 | 0.427  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 3,3'-Dichlorobenzidine               | <0.654  | U         | 1.15  | 0.654  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 3,3'-Dimethylbenzidine               | <0.297  | U         | 0.576 | 0.297  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 3-Methylcholanthrene                 | <0.0888 | U *-      | 0.576 | 0.0888 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 4-Nitroquinoline-1-oxide             | <0.641  | U         | 1.15  | 0.641  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 7,12-Dimethylbenz(a)anthracene       | <0.129  | U         | 0.576 | 0.129  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| alpha, alpha-Dimethyl phenethylamine | <1.46   | U *-      | 5.76  | 1.46   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Aramite Peak 1                       | <0.185  | U         | 0.576 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Aramite Peak 2                       | <0.204  | U         | 0.576 | 0.204  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Aramite, Total                       | <0.185  | U *-      | 0.576 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Diallate                             | <0.0301 | U *-      | 0.576 | 0.0301 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Diallate Peak 1                      | <0.0753 | U         | 0.576 | 0.0753 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Diallate Peak 2                      | <0.0301 | U *-      | 0.576 | 0.0301 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Dimethoate                           | <0.502  | U **      | 2.88  | 0.502  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Dinoseb                              | <0.681  | U         | 2.88  | 0.681  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Disulfoton                           | <2.17   | U **      | 2.88  | 2.17   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Ethyl methanesulfonate               | <0.187  | U         | 0.576 | 0.187  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Ethyl Parathion                      | <0.630  | U **      | 1.15  | 0.630  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Famphur                              | <0.261  | U         | 1.15  | 0.261  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Hexachloropropene                    | <0.576  | U         | 0.576 | 0.576  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Isosafrole                           | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Isosafrole Peak 1                    | <0.0232 | U         | 0.576 | 0.0232 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Isosafrole Peak 2                    | <0.0992 | U         | 0.576 | 0.0992 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Methapyrilene                        | <1.53   | U **      | 2.30  | 1.53   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Methyl methanesulfonate              | <0.187  | U         | 0.576 | 0.187  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Methyl parathion                     | <2.78   | U **      | 2.88  | 2.78   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosodiethylamine                | <0.678  | U *-      | 1.15  | 0.678  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosodimethylamine               | <0.160  | U         | 0.576 | 0.160  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosodi-n-butylamine             | <0.729  | U         | 1.15  | 0.729  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosomethylethylamine            | <0.706  | U         | 1.15  | 0.706  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosomorpholine                  | <0.718  | U         | 1.15  | 0.718  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| N-Nitrosopyrrolidine                 | <0.109  | U         | 0.576 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| p-Dimethylamino azobenzene           | <0.155  | U         | 0.576 | 0.155  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Pentachloronitrobenzene              | <0.255  | U         | 0.576 | 0.255  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Phenacetin                           | <0.254  | U         | 0.576 | 0.254  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Phorate                              | <2.63   | U **      | 5.76  | 2.63   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| p-Phenylene diamine                  | <5.76   | U *- *1   | 5.76  | 5.76   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Pronamide                            | <0.135  | U *-      | 0.576 | 0.135  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Safrole, Total                       | <0.0927 | U *-      | 0.576 | 0.0927 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Sulfotepp                            | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Thionazin                            | <0.342  | U         | 1.15  | 0.342  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 97        |           | 26 - 136 | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| 2-Fluorophenol (Surr)       | 36        |           | 19 - 120 | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| Nitrobenzene-d5 (Surr)      | 88        |           | 32 - 133 | 11/13/25 14:28 | 11/15/25 11:01 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 19        |           | 8 - 124  | 11/13/25 14:28 | 11/15/25 11:01 | 1       |
| p-Terphenyl-d14  | 63        |           | 28 - 130 | 11/13/25 14:28 | 11/15/25 11:01 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte                          | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                      | 1180   |           | 288 | 52.8 | ug/L |   | 11/13/25 14:28 | 12/01/25 17:37 | 500     |
| o,o',o"-Triethylphosphorothioate | 6630   |           | 288 | 66.6 | ug/L |   | 11/13/25 14:28 | 12/01/25 17:37 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:28 | 12/01/25 17:37 | 500     |
| 2-Fluorobiphenyl            | 296       | S1+       | 39 - 130 | 11/13/25 14:28 | 12/01/25 17:37 | 500     |
| 2-Fluorophenol (Surr)       | 200       | S1+       | 19 - 120 | 11/13/25 14:28 | 12/01/25 17:37 | 500     |
| Nitrobenzene-d5 (Surr)      | 221       | S1+       | 32 - 133 | 11/13/25 14:28 | 12/01/25 17:37 | 500     |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/13/25 14:28 | 12/01/25 17:37 | 500     |
| p-Terphenyl-d14             | 937       | S1+       | 28 - 130 | 11/13/25 14:28 | 12/01/25 17:37 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U H       | 0.567 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,2-Dichlorobenzene          | 0.553   | J H       | 0.567 | 0.100  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,3-Dichlorobenzene          | 0.120   | J H       | 0.567 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,4-Dichlorobenzene          | 0.760   | H         | 0.567 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.83   | U H       | 2.83  | 1.83   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,4,5-Trichlorophenol        | <0.427  | U H       | 0.567 | 0.427  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U H       | 0.567 | 0.116  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U H       | 0.567 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,4-Dimethylphenol           | 0.183   | J H       | 0.567 | 0.111  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U H       | 5.67  | 1.37   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,4-Dinitrotoluene           | <0.509  | U H       | 1.13  | 0.509  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U H       | 0.567 | 0.271  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Chloronaphthalene          | <0.117  | U H       | 0.567 | 0.117  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Methylnaphthalene          | <0.108  | U H       | 0.567 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Methylphenol               | <0.108  | U H       | 0.567 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Nitroaniline               | <0.157  | U H       | 0.567 | 0.157  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Nitrophenol                | <0.136  | U H       | 0.567 | 0.136  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 3 & 4 Methylphenol           | <0.0936 | U H       | 0.567 | 0.0936 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 3-Nitroaniline               | <0.221  | U H       | 1.13  | 0.221  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U H       | 2.83  | 1.22   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U H       | 0.567 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U H       | 0.567 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4-Chloroaniline              | 0.794   | H I *     | 0.567 | 0.0874 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0946 | U H       | 0.567 | 0.0946 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4-Nitroaniline               | <0.268  | U H       | 1.13  | 0.268  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Acenaphthene                 | <0.100  | U H       | 0.567 | 0.100  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Acenaphthylene               | <0.124  | U H       | 0.567 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Aniline                      | <0.446  | U H *- *1 | 1.13  | 0.446  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Anthracene                   | <0.103  | U H       | 0.567 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Benzo[a]anthracene           | <0.126  | U H       | 0.283 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Benzo[a]pyrene               | <0.106  | U H       | 0.283 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Benzo[b]fluoranthene         | <0.123  | U H       | 0.567 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[g,h,i]perylene        | <0.0895 | U H       | 0.567 | 0.0895 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Benzo[k]fluoranthene        | <0.122  | U H       | 0.567 | 0.122  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Benzyl alcohol              | <0.222  | U H *- *1 | 2.83  | 0.222  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Bis(2-chloroethoxy)methane  | <0.106  | U H       | 0.567 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U H       | 0.567 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.566  | U H       | 1.13  | 0.566  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Butyl benzyl phthalate      | <0.333  | U H       | 1.13  | 0.333  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Chrysene                    | <0.0957 | U H       | 0.567 | 0.0957 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Dibenz(a,h)anthracene       | <0.0843 | U H       | 0.113 | 0.0843 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Dibenzofuran                | <0.111  | U H       | 0.567 | 0.111  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Diethyl phthalate           | 0.282   | J H       | 1.13  | 0.185  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Dimethyl phthalate          | <0.132  | U H       | 1.13  | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Di-n-butyl phthalate        | <0.655  | U H       | 1.13  | 0.655  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Di-n-octyl phthalate        | <0.283  | U H       | 1.13  | 0.283  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Fluoranthene                | <0.119  | U H       | 0.567 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Fluorene                    | <0.112  | U H       | 0.567 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Hexachlorobenzene           | <0.131  | U H       | 0.567 | 0.131  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Hexachlorobutadiene         | <0.160  | U H       | 0.567 | 0.160  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U H       | 1.13  | 0.178  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Hexachloroethane            | <0.124  | U H       | 0.567 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U H       | 0.567 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Isophorone                  | 0.170   | J H       | 0.567 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Naphthalene                 | 0.131   | J H       | 0.567 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Nitrobenzene                | <0.151  | U H       | 0.567 | 0.151  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U H       | 0.567 | 0.146  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosodiphenylamine      | <0.111  | U H       | 0.567 | 0.111  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Pentachlorophenol           | 2.86    | H         | 0.567 | 0.309  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Phenanthrene                | <0.106  | U H       | 0.567 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Phenol                      | 0.738   | J H       | 1.13  | 0.502  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Pyrene                      | <0.128  | U H       | 0.567 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Pyridine                    | <0.829  | U H *-    | 2.83  | 0.829  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitro-o-toluidine         | <0.646  | U H       | 1.13  | 0.646  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U H       | 0.567 | 0.252  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Acetophenone                | <0.137  | U H *-    | 1.13  | 0.137  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosopiperidine         | <0.625  | U H       | 1.13  | 0.625  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Pentachlorobenzene          | <0.124  | U H       | 0.567 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Diphenyl ether              | 0.169   | J H       | 0.567 | 0.100  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,1'-Biphenyl               | <0.112  | U H       | 0.567 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4-Aminobiphenyl             | <0.193  | U H *1    | 0.567 | 0.193  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.114  | U H       | 0.567 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,3,5-Trinitrobenzene       | <0.647  | U H       | 1.13  | 0.647  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,3-Dinitrobenzene          | <0.582  | U H       | 1.13  | 0.582  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1,4-Naphthoquinone          | <0.0607 | U H       | 0.567 | 0.0607 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 1-Naphthylamine             | <0.267  | U H       | 0.567 | 0.267  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2,6-Dichlorophenol          | <0.0965 | U H       | 0.567 | 0.0965 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Acetylaminofluorene       | <1.69   | U H       | 2.83  | 1.69   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Chlorophenol              | 0.238   | J H       | 0.567 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Naphthylamine             | <0.408  | U H *- *1 | 0.567 | 0.408  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Picoline                  | <1.02   | U H *- *1 | 1.13  | 1.02   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result    | Qualifier | RL       | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|--------|------|---|----------------|----------------|---------|
| 2-Toluidine                         | <0.421    | U H *- *1 | 0.567    | 0.421  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 3,3'-Dichlorobenzidine              | <0.644    | U H *- *1 | 1.13     | 0.644  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 3,3'-Dimethylbenzidine              | <0.292    | U H       | 0.567    | 0.292  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 3-Methylcholanthrene                | <0.0874   | U H       | 0.567    | 0.0874 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.631    | U H       | 1.13     | 0.631  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127    | U H       | 0.567    | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44     | U H *-    | 5.67     | 1.44   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Aramite Peak 1                      | <0.182    | U H       | 0.567    | 0.182  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Aramite Peak 2                      | <0.201    | U H       | 0.567    | 0.201  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Aramite, Total                      | <0.182    | U H *-    | 0.567    | 0.182  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Diallate                            | <0.0296   | U H *-    | 0.567    | 0.0296 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Diallate Peak 1                     | <0.0741   | U H       | 0.567    | 0.0741 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Diallate Peak 2                     | <0.0296   | U H       | 0.567    | 0.0296 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Dimethoate                          | <0.494    | U *+ H    | 2.83     | 0.494  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Dinoseb                             | <0.670    | U *+ H    | 2.83     | 0.670  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Disulfoton                          | <2.13     | U *+ H    | 2.83     | 2.13   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Ethyl methanesulfonate              | <0.184    | U H       | 0.567    | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Ethyl Parathion                     | <0.620    | U *+ H    | 1.13     | 0.620  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Famphur                             | <0.257    | U *+ H    | 1.13     | 0.257  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Hexachloropropene                   | <0.567    | U H       | 0.567    | 0.567  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Isosafrole                          | <0.0229   | U H       | 0.567    | 0.0229 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Isosafrole Peak 1                   | <0.0229   | U H       | 0.567    | 0.0229 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Isosafrole Peak 2                   | <0.0977   | U H       | 0.567    | 0.0977 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Methapyrilene                       | <1.51     | U *+ H    | 2.27     | 1.51   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Methyl methanesulfonate             | <0.184    | U H       | 0.567    | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Methyl parathion                    | <2.74     | U *+ H    | 2.83     | 2.74   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosodiethylamine               | <0.667    | U H       | 1.13     | 0.667  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosodimethylamine              | <0.158    | U H       | 0.567    | 0.158  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosodi-n-butylamine            | <0.717    | U H       | 1.13     | 0.717  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosomethylethylamine           | <0.695    | U H       | 1.13     | 0.695  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosomorpholine                 | <0.707    | U H       | 1.13     | 0.707  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| N-Nitrosopyrrolidine                | <0.108    | U H       | 0.567    | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| p-Dimethylamino azobenzene          | <0.153    | U H       | 0.567    | 0.153  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Pentachloronitrobenzene             | <0.251    | U H       | 0.567    | 0.251  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Phenacetin                          | <0.250    | U H       | 0.567    | 0.250  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Phorate                             | <2.59     | U *+ H    | 5.67     | 2.59   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| p-Phenylene diamine                 | <5.67     | U H *-    | 5.67     | 5.67   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Pronamide                           | <0.133    | U H       | 0.567    | 0.133  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Safrole, Total                      | <0.0913   | U H *-    | 0.567    | 0.0913 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Sulfotepp                           | <0.467    | U *+ H    | 1.13     | 0.467  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Thionazin                           | <0.337    | U H       | 1.13     | 0.337  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Surrogate                           | %Recovery | Qualifier | Limits   |        |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 85        |           | 26 - 136 |        |      |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Fluorobiphenyl                    | 64        |           | 39 - 130 |        |      |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| 2-Fluorophenol (Surr)               | 32        |           | 19 - 120 |        |      |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Nitrobenzene-d5 (Surr)              | 86        |           | 32 - 133 |        |      |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| Phenol-d5 (Surr)                    | 20        |           | 8 - 124  |        |      |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |
| p-Terphenyl-d14                     | 66        |           | 28 - 130 |        |      |   | 12/01/25 14:58 | 12/02/25 22:00 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-08

Lab Sample ID: 860-116358-6

Date Collected: 11/12/25 13:39

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

| Analyte                     | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                 | 451       | H *1      | 283      | 51.9 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:28 | 500     |
| Surrogate                   | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 |      |      |   | 12/01/25 14:58 | 12/02/25 22:28 | 500     |
| 2-Fluorobiphenyl            | 105       |           | 39 - 130 |      |      |   | 12/01/25 14:58 | 12/02/25 22:28 | 500     |
| 2-Fluorophenol (Surr)       | 59        |           | 19 - 120 |      |      |   | 12/01/25 14:58 | 12/02/25 22:28 | 500     |
| Nitrobenzene-d5 (Surr)      | 105       |           | 32 - 133 |      |      |   | 12/01/25 14:58 | 12/02/25 22:28 | 500     |
| Phenol-d5 (Surr)            | 23        |           | 8 - 124  |      |      |   | 12/01/25 14:58 | 12/02/25 22:28 | 500     |
| p-Terphenyl-d14             | 55        |           | 28 - 130 |      |      |   | 12/01/25 14:58 | 12/02/25 22:28 | 500     |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 17:54 | 1       |

Client Sample ID: TB-09

Lab Sample ID: 860-116358-7

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 11:14 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 11:14 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 11:14 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 11:14 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 11:14 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 11:14 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 11:14 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 11:14 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 11:14 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 11:14 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 11:14 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 11:14 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 11:14 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 11:14 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: TB-09

Lab Sample ID: 860-116358-7

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Carbon disulfide            | <1.65     | U         | 5.00    | 1.65     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Carbon tetrachloride        | <0.896    | U         | 2.00    | 0.896    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Chlorobenzene               | <0.455    | U         | 1.00    | 0.455    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Chlorodibromomethane        | <0.547    | U         | 5.00    | 0.547    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Chloroethane                | <1.98     | U         | 10.0    | 1.98     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Chloroform                  | <0.464    | U         | 1.00    | 0.464    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Chloromethane               | <2.04     | U         | 10.0    | 2.04     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/19/25 11:14 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/19/25 11:14 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Ethyl methacrylate          | <1.12     | U **      | 5.00    | 1.12     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/19/25 11:14 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/19/25 11:14 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/19/25 11:14 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U **      | 10.0    | 1.35     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/19/25 11:14 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/19/25 11:14 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/19/25 11:14 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 11:14 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 11:14 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 63 - 144 |          | 11/19/25 11:14 | 1       |
| 4-Bromofluorobenzene (Surr)  | 108       |           | 74 - 124 |          | 11/19/25 11:14 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 131 |          | 11/19/25 11:14 | 1       |
| Toluene-d8 (Surr)            | 111       |           | 80 - 120 |          | 11/19/25 11:14 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/18/25 14:56 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 14:56 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/18/25 14:56 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/18/25 14:56 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Acetone                               | 10.1   | J         | 100  | 3.07  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/18/25 14:56 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/18/25 14:56 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/18/25 14:56 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/18/25 14:56 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/18/25 14:56 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/18/25 14:56 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/18/25 14:56 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/18/25 14:56 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/18/25 14:56 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/18/25 14:56 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/18/25 14:56 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/18/25 14:56 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/18/25 14:56 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/18/25 14:56 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/18/25 14:56 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/18/25 14:56 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/18/25 14:56 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/18/25 14:56 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 63 - 144 |          | 11/18/25 14:56 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 74 - 124 |          | 11/18/25 14:56 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 75 - 131 |          | 11/18/25 14:56 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/18/25 14:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.569 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U *       | 0.569 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.569 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U *       | 0.569 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U *       | 2.84  | 1.84   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.569 | 0.429  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.569 | 0.116  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U *       | 0.569 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.569 | 0.111  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.69  | 1.38   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,4-Dinitrotoluene           | <0.511  | U         | 1.14  | 0.511  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,6-Dinitrotoluene           | <0.272  | U         | 0.569 | 0.272  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.569 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.569 | 0.157  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.569 | 0.137  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 3 & 4 Methylphenol           | <0.0940 | U         | 0.569 | 0.0940 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U *       | 0.569 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 4-Chloroaniline             | <0.0877 | U         | 0.569 | 0.0877 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0950 | U *       | 0.569 | 0.0950 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 4-Nitroaniline              | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Acenaphthene                | <0.101  | U         | 0.569 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Acenaphthylene              | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Aniline                     | <0.448  | U *       | 1.14  | 0.448  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Anthracene                  | <0.104  | U         | 0.569 | 0.104  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Benzo[a]pyrene              | <0.107  | U *       | 0.284 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Benzo[g,h,i]perylene        | <0.0899 | U         | 0.569 | 0.0899 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.569 | 0.123  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Benzyl alcohol              | <0.223  | U * *     | 2.84  | 0.223  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U *       | 0.569 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U *       | 0.569 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Butyl benzyl phthalate      | <0.335  | U *       | 1.14  | 0.335  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Chrysene                    | <0.0961 | U         | 0.569 | 0.0961 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Dibenz(a,h)anthracene       | <0.0847 | U *       | 0.114 | 0.0847 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Dibenzofuran                | <0.112  | U *       | 0.569 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Di-n-butyl phthalate        | <0.657  | U         | 1.14  | 0.657  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Di-n-octyl phthalate        | <0.284  | U         | 1.14  | 0.284  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Fluoranthene                | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Fluorene                    | <0.112  | U *       | 0.569 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Hexachlorobenzene           | <0.131  | U *       | 0.569 | 0.131  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.569 | 0.161  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.14  | 0.178  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.569 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Isophorone                  | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Naphthalene                 | <0.114  | U         | 0.569 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Nitrobenzene                | <0.152  | U *       | 0.569 | 0.152  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.569 | 0.147  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.569 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Pentachlorophenol           | 0.327   | J         | 0.569 | 0.311  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Phenanthrene                | <0.106  | U *       | 0.569 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Phenol                      | <0.504  | U         | 1.14  | 0.504  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Pyrene                      | <0.128  | U         | 0.569 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Pyridine                    | <0.833  | U *       | 2.84  | 0.833  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitro-o-toluidine         | <0.649  | U         | 1.14  | 0.649  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.253  | U         | 0.569 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Acetophenone                | <0.138  | U *       | 1.14  | 0.138  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosopiperidine         | <0.628  | U         | 1.14  | 0.628  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Pentachlorobenzene          | <0.125  | U *       | 0.569 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Diphenyl ether              | 15.9    |           | 0.569 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.569 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Aminobiphenyl                     | <0.194  | U         | 0.569 | 0.194  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.569 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,3,5-Trinitrobenzene               | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,3-Dinitrobenzene                  | <0.585  | U *-      | 1.14  | 0.585  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1,4-Naphthoquinone                  | <0.0609 | U         | 0.569 | 0.0609 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 1-Naphthylamine                     | <0.268  | U         | 0.569 | 0.268  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2,6-Dichlorophenol                  | <0.0969 | U         | 0.569 | 0.0969 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.84  | 1.70   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Chlorophenol                      | <0.102  | U *-      | 0.569 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Naphthylamine                     | <0.410  | U         | 0.569 | 0.410  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Picoline                          | <1.03   | U *- *1   | 1.14  | 1.03   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Toluidine                         | <0.422  | U         | 0.569 | 0.422  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 3,3'-Dichlorobenzidine              | <0.647  | U         | 1.14  | 0.647  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294  | U         | 0.569 | 0.294  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 3-Methylcholanthrene                | <0.0878 | U *-      | 0.569 | 0.0878 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.634  | U         | 1.14  | 0.634  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.569 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.44   | U *-      | 5.69  | 1.44   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.569 | 0.202  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Aramite, Total                      | <0.183  | U *-      | 0.569 | 0.183  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Diallate                            | <0.0298 | U *-      | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Diallate Peak 1                     | <0.0744 | U         | 0.569 | 0.0744 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Diallate Peak 2                     | <0.0298 | U *-      | 0.569 | 0.0298 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Dimethoate                          | <0.497  | U **      | 2.84  | 0.497  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Dinoseb                             | <0.673  | U         | 2.84  | 0.673  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Disulfoton                          | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Ethyl methanesulfonate              | <0.184  | U         | 0.569 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Ethyl Parathion                     | <0.623  | U **      | 1.14  | 0.623  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Hexachloropropene                   | <0.569  | U         | 0.569 | 0.569  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Isosafrole                          | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Isosafrole Peak 2                   | <0.0981 | U         | 0.569 | 0.0981 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Methapyrilene                       | <1.51   | U **      | 2.28  | 1.51   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Methyl methanesulfonate             | <0.185  | U         | 0.569 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Methyl parathion                    | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosodiethylamine               | <0.670  | U *-      | 1.14  | 0.670  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosodimethylamine              | <0.159  | U         | 0.569 | 0.159  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosodi-n-butylamine            | <0.720  | U         | 1.14  | 0.720  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosomethylethylamine           | <0.698  | U         | 1.14  | 0.698  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosomorpholine                 | <0.710  | U         | 1.14  | 0.710  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| N-Nitrosopyrrolidine                | <0.108  | U         | 0.569 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| p-Dimethylamino azobenzene          | <0.154  | U         | 0.569 | 0.154  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Pentachloronitrobenzene             | <0.252  | U         | 0.569 | 0.252  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Phenacetin                          | <0.251  | U         | 0.569 | 0.251  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Phorate                             | <2.60   | U **      | 5.69  | 2.60   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| p-Phenylene diamine                 | <5.69   | U *- *1   | 5.69  | 5.69   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Pronamide                           | <0.134  | U *-      | 0.569 | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0916 | U *-      | 0.569 | 0.0916 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Sulfotepp      | <0.469  | U **      | 1.14  | 0.469  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Thionazin      | <0.338  | U         | 1.14  | 0.338  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:29 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 97        |           | 26 - 136 | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Nitrobenzene-d5 (Surr)      | 91        |           | 32 - 133 | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/13/25 14:28 | 11/15/25 11:29 | 1       |
| p-Terphenyl-d14             | 61        |           | 28 - 130 | 11/13/25 14:28 | 11/15/25 11:29 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte                          | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                      | 530    |           | 56.9 | 10.4 | ug/L |   | 11/13/25 14:28 | 12/02/25 20:12 | 100     |
| o,o',o"-Triethylphosphorothioate | 390    |           | 56.9 | 13.2 | ug/L |   | 11/13/25 14:28 | 12/02/25 20:12 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 238       | S1+       | 26 - 136 | 11/13/25 14:28 | 12/02/25 20:12 | 100     |
| 2-Fluorobiphenyl            | 226       | S1+       | 39 - 130 | 11/13/25 14:28 | 12/02/25 20:12 | 100     |
| 2-Fluorophenol (Surr)       | 136       | S1+       | 19 - 120 | 11/13/25 14:28 | 12/02/25 20:12 | 100     |
| Nitrobenzene-d5 (Surr)      | 245       | S1+       | 32 - 133 | 11/13/25 14:28 | 12/02/25 20:12 | 100     |
| Phenol-d5 (Surr)            | 93        |           | 8 - 124  | 11/13/25 14:28 | 12/02/25 20:12 | 100     |
| p-Terphenyl-d14             | 242       | S1+       | 28 - 130 | 11/13/25 14:28 | 12/02/25 20:12 | 100     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U H       | 0.573 | 0.121  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U H       | 0.573 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U H       | 0.573 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U H       | 0.573 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U H       | 2.87  | 1.85   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U H       | 0.573 | 0.432  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U H       | 0.573 | 0.117  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U H       | 0.573 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U H       | 0.573 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,4-Dinitrophenol            | <1.39   | U H       | 5.73  | 1.39   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,4-Dinitrotoluene           | <0.515  | U H       | 1.15  | 0.515  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,6-Dinitrotoluene           | <0.274  | U H       | 0.573 | 0.274  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Chloronaphthalene          | <0.119  | U H       | 0.573 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Methylnaphthalene          | <0.109  | U H       | 0.573 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Methylphenol               | <0.109  | U H       | 0.573 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Nitroaniline               | <0.159  | U H       | 0.573 | 0.159  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Nitrophenol                | <0.138  | U H       | 0.573 | 0.138  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 3 & 4 Methylphenol           | <0.0947 | U H       | 0.573 | 0.0947 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 3-Nitroaniline               | <0.223  | U H       | 1.15  | 0.223  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U H       | 2.87  | 1.23   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U H       | 0.573 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 4-Chloro-3-methylphenol      | <0.120  | U H       | 0.573 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 4-Chloroaniline              | <0.0884 | U H *1    | 0.573 | 0.0884 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chlorophenyl phenyl ether | <0.0957 | U H       | 0.573 | 0.0957 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 4-Nitroaniline              | <0.272  | U H       | 1.15  | 0.272  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Acenaphthene                | <0.102  | U H       | 0.573 | 0.102  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Acenaphthylene              | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Aniline                     | <0.451  | U H *- *1 | 1.15  | 0.451  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Anthracene                  | <0.104  | U H       | 0.573 | 0.104  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Benzo[a]anthracene          | <0.127  | U H       | 0.287 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Benzo[a]pyrene              | <0.108  | U H       | 0.287 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Benzo[b]fluoranthene        | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Benzo[g,h,i]perylene        | <0.0906 | U H       | 0.573 | 0.0906 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Benzo[k]fluoranthene        | <0.124  | U H       | 0.573 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Benzyl alcohol              | <0.225  | U H *- *1 | 2.87  | 0.225  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U H       | 0.573 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U H       | 0.573 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.573  | U H       | 1.15  | 0.573  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Butyl benzyl phthalate      | <0.337  | U H       | 1.15  | 0.337  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Chrysene                    | <0.0968 | U H       | 0.573 | 0.0968 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Dibenz(a,h)anthracene       | <0.0853 | U H       | 0.115 | 0.0853 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Dibenzofuran                | <0.113  | U H       | 0.573 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Diethyl phthalate           | <0.187  | U H       | 1.15  | 0.187  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Dimethyl phthalate          | <0.134  | U H       | 1.15  | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Di-n-butyl phthalate        | <0.662  | U H       | 1.15  | 0.662  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Di-n-octyl phthalate        | <0.286  | U H       | 1.15  | 0.286  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Fluoranthene                | <0.120  | U H       | 0.573 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Fluorene                    | <0.113  | U H       | 0.573 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Hexachlorobenzene           | <0.132  | U H       | 0.573 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Hexachlorobutadiene         | <0.162  | U H       | 0.573 | 0.162  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Hexachlorocyclopentadiene   | <0.180  | U H       | 1.15  | 0.180  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Hexachloroethane            | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U H       | 0.573 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Isophorone                  | <0.106  | U H       | 0.573 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Naphthalene                 | <0.115  | U H       | 0.573 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Nitrobenzene                | <0.153  | U H       | 0.573 | 0.153  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U H       | 0.573 | 0.148  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosodiphenylamine      | <0.113  | U H       | 0.573 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Pentachlorophenol           | <0.313  | U H       | 0.573 | 0.313  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Phenanthrene                | <0.107  | U H       | 0.573 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Phenol                      | <0.508  | U H       | 1.15  | 0.508  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Pyrene                      | <0.129  | U H       | 0.573 | 0.129  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Pyridine                    | <0.839  | U H *-    | 2.87  | 0.839  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitro-o-toluidine         | <0.653  | U H       | 1.15  | 0.653  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U H       | 0.573 | 0.254  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Acetophenone                | <0.139  | U H *-    | 1.15  | 0.139  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosopiperidine         | <0.633  | U H       | 1.15  | 0.633  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Pentachlorobenzene          | <0.125  | U H       | 0.573 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Diphenyl ether              | 6.27    | H         | 0.573 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1,1'-Biphenyl               | <0.114  | U H       | 0.573 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 4-Aminobiphenyl             | <0.195  | U H *1    | 0.573 | 0.195  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.116  | U H       | 0.573 | 0.116  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,3,5-Trinitrobenzene               | <0.655  | U H       | 1.15  | 0.655  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1,3-Dinitrobenzene                  | <0.589  | U H       | 1.15  | 0.589  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1,4-Naphthoquinone                  | <0.0614 | U H       | 0.573 | 0.0614 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 1-Naphthylamine                     | <0.270  | U H       | 0.573 | 0.270  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2,6-Dichlorophenol                  | <0.0976 | U H       | 0.573 | 0.0976 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U H       | 2.87  | 1.71   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Chlorophenol                      | <0.103  | U H       | 0.573 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Naphthylamine                     | <0.413  | U H *- *1 | 0.573 | 0.413  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Picoline                          | <1.03   | U H *- *1 | 1.15  | 1.03   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Toluidine                         | <0.426  | U H *- *1 | 0.573 | 0.426  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 3,3'-Dichlorobenzidine              | <0.652  | U H *- *1 | 1.15  | 0.652  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 3,3'-Dimethylbenzidine              | <0.296  | U H       | 0.573 | 0.296  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 3-Methylcholanthrene                | <0.0884 | U H       | 0.573 | 0.0884 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.638  | U H       | 1.15  | 0.638  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U H       | 0.573 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.46   | U H *-    | 5.73  | 1.46   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Aramite Peak 1                      | <0.184  | U H       | 0.573 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Aramite Peak 2                      | <0.203  | U H       | 0.573 | 0.203  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Aramite, Total                      | <0.184  | U H *-    | 0.573 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Diallate                            | <0.0300 | U H *-    | 0.573 | 0.0300 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Diallate Peak 1                     | <0.0750 | U H       | 0.573 | 0.0750 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Diallate Peak 2                     | <0.0300 | U H       | 0.573 | 0.0300 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Dimethoate                          | <0.500  | U ** H    | 2.87  | 0.500  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Dinoseb                             | <0.678  | U ** H    | 2.87  | 0.678  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Disulfoton                          | <2.16   | U ** H    | 2.87  | 2.16   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Ethyl methanesulfonate              | <0.186  | U H       | 0.573 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Ethyl Parathion                     | <0.627  | U ** H    | 1.15  | 0.627  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Famphur                             | <0.259  | U ** H    | 1.15  | 0.259  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Hexachloropropene                   | <0.573  | U H       | 0.573 | 0.573  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Isosafrole                          | <0.0231 | U H       | 0.573 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Isosafrole Peak 1                   | <0.0231 | U H       | 0.573 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Isosafrole Peak 2                   | <0.0988 | U H       | 0.573 | 0.0988 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Methapyriline                       | <1.52   | U ** H    | 2.29  | 1.52   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Methyl methanesulfonate             | <0.186  | U H       | 0.573 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Methyl parathion                    | <2.77   | U ** H    | 2.87  | 2.77   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosodiethylamine               | <0.675  | U H       | 1.15  | 0.675  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosodimethylamine              | <0.160  | U H       | 0.573 | 0.160  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosodi-n-butylamine            | <0.726  | U H       | 1.15  | 0.726  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosomethylethylamine           | <0.703  | U H       | 1.15  | 0.703  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosomorpholine                 | <0.715  | U H       | 1.15  | 0.715  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| N-Nitrosopyrrolidine                | <0.109  | U H       | 0.573 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| p-Dimethylamino azobenzene          | <0.155  | U H       | 0.573 | 0.155  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Pentachloronitrobenzene             | <0.253  | U H       | 0.573 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Phenacetin                          | <0.253  | U H       | 0.573 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Phorate                             | <2.62   | U ** H    | 5.73  | 2.62   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| p-Phenylene diamine                 | <5.73   | U H *-    | 5.73  | 5.73   | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Pronamide                           | <0.135  | U H       | 0.573 | 0.135  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Safrole, Total                      | <0.0923 | U H *-    | 0.573 | 0.0923 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Sulfotepp                           | <0.472  | U ** H    | 1.15  | 0.472  | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |

Eurofins Houston



# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-14

Lab Sample ID: 860-116358-8

Date Collected: 11/12/25 08:14

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Thionazin                   | <0.341    | U H       | 1.15     | 0.341 | ug/L |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 88        |           | 26 - 136 |       |      |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Fluorobiphenyl            | 66        |           | 39 - 130 |       |      |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| 2-Fluorophenol (Surr)       | 41        |           | 19 - 120 |       |      |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Nitrobenzene-d5 (Surr)      | 86        |           | 32 - 133 |       |      |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| Phenol-d5 (Surr)            | 31        |           | 8 - 124  |       |      |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |
| p-Terphenyl-d14             | 60        |           | 28 - 130 |       |      |   | 12/01/25 14:58 | 12/02/25 22:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

| Analyte                     | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                 | 249       | H *1      | 57.3     | 10.5 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:24 | 100     |
| Surrogate                   | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 73        |           | 26 - 136 |      |      |   | 12/01/25 14:58 | 12/02/25 23:24 | 100     |
| 2-Fluorobiphenyl            | 97        |           | 39 - 130 |      |      |   | 12/01/25 14:58 | 12/02/25 23:24 | 100     |
| 2-Fluorophenol (Surr)       | 74        |           | 19 - 120 |      |      |   | 12/01/25 14:58 | 12/02/25 23:24 | 100     |
| Nitrobenzene-d5 (Surr)      | 112       |           | 32 - 133 |      |      |   | 12/01/25 14:58 | 12/02/25 23:24 | 100     |
| Phenol-d5 (Surr)            | 45        |           | 8 - 124  |      |      |   | 12/01/25 14:58 | 12/02/25 23:24 | 100     |
| p-Terphenyl-d14             | 76        |           | 28 - 130 |      |      |   | 12/01/25 14:58 | 12/02/25 23:24 | 100     |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 18:00 | 1       |

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/18/25 15:16 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/18/25 15:16 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/18/25 15:16 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/18/25 15:16 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|----------|-----------|---------|---------|------|---|----------|----------------|---------|
| 3-Chloropropene (Allyl Chloride) | <0.597   | U         | 5.00    | 0.597   | ug/L |   |          | 11/18/25 15:16 | 1       |
| 4-Methyl-2-pentanone             | <5.00    | U         | 50.0    | 5.00    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Acetone                          | 9.57     | J         | 100     | 3.07    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Acetonitrile                     | <14.6    | U         | 100     | 14.6    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Acrolein                         | <11.1    | U         | 50.0    | 11.1    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Acrylonitrile                    | <14.3    | U         | 50.0    | 14.3    | ug/L |   |          | 11/18/25 15:16 | 1       |
| alpha-Chlorotoluene              | <2.26    | U         | 5.00    | 2.26    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Benzene                          | <0.460   | U         | 1.00    | 0.460   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Bromodichloromethane             | <0.552   | U         | 1.00    | 0.552   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Bromoform                        | <0.633   | U         | 5.00    | 0.633   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Bromomethane                     | <1.42    | U         | 5.00    | 1.42    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Carbon disulfide                 | <1.65    | U         | 5.00    | 1.65    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Carbon tetrachloride             | <0.896   | U         | 2.00    | 0.896   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Chlorobenzene                    | <0.455   | U         | 1.00    | 0.455   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Chlorodibromomethane             | <0.547   | U         | 5.00    | 0.547   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Chloroethane                     | <1.98    | U         | 10.0    | 1.98    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Chloroform                       | <0.464   | U         | 1.00    | 0.464   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Chloromethane                    | <2.04    | U         | 10.0    | 2.04    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Chloroprene                      | <0.598   | U         | 5.00    | 0.598   | ug/L |   |          | 11/18/25 15:16 | 1       |
| cis-1,2-Dichloroethene           | <0.457   | U         | 1.00    | 0.457   | ug/L |   |          | 11/18/25 15:16 | 1       |
| cis-1,3-Dichloropropene          | <1.07    | U         | 5.00    | 1.07    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Cumene (isopropylbenzene)        | <0.592   | U         | 1.00    | 0.592   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Cyclohexane                      | <1.29    | U         | 5.00    | 1.29    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Dibromomethane                   | <0.357   | U         | 1.00    | 0.357   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Dichlorodifluoromethane          | <0.785   | U         | 1.00    | 0.785   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Ethyl methacrylate               | <1.12    | U         | 5.00    | 1.12    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Ethylbenzene                     | <0.385   | U         | 1.00    | 0.385   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Hexane                           | <0.517   | U         | 5.00    | 0.517   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Iodomethane                      | <5.00    | U         | 20.0    | 5.00    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Isobutanol                       | <17.1    | U         | 50.0    | 17.1    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Methacrylonitrile                | <2.72    | U         | 10.0    | 2.72    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Methyl methacrylate              | <2.25    | U         | 10.0    | 2.25    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Methyl tert-butyl ether          | <1.39    | U         | 5.00    | 1.39    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Methylene Chloride               | <1.73    | U         | 5.00    | 1.73    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Propionitrile                    | <3.34    | U         | 10.0    | 3.34    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Propylbenzene                    | <0.429   | U         | 1.00    | 0.429   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Styrene                          | <0.619   | U         | 1.00    | 0.619   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Tetrachloroethene                | <0.655   | U         | 1.00    | 0.655   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Tetrahydrofuran                  | <1.83    | U         | 10.0    | 1.83    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Toluene                          | <0.475   | U         | 1.00    | 0.475   | ug/L |   |          | 11/18/25 15:16 | 1       |
| trans-1,2-Dichloroethene         | <0.368   | U         | 1.00    | 0.368   | ug/L |   |          | 11/18/25 15:16 | 1       |
| trans-1,3-Dichloropropene        | <1.27    | U         | 5.00    | 1.27    | ug/L |   |          | 11/18/25 15:16 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35    | U         | 10.0    | 1.35    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Trichloroethene                  | <1.50    | U         | 5.00    | 1.50    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Trichlorofluoromethane           | <0.560   | U         | 1.00    | 0.560   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Vinyl acetate                    | <2.14    | U         | 20.0    | 2.14    | ug/L |   |          | 11/18/25 15:16 | 1       |
| Vinyl chloride                   | <0.428   | U         | 2.00    | 0.428   | ug/L |   |          | 11/18/25 15:16 | 1       |
| Xylenes, Total                   | <1.24    | U         | 2.00    | 1.24    | ug/L |   |          | 11/18/25 15:16 | 1       |
| m,p-Xylenes                      | <0.00124 | U         | 0.00200 | 0.00124 | mg/L |   |          | 11/18/25 15:16 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/18/25 15:16 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 63 - 144 |          |      |   |          | 11/18/25 15:16 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          |      |   |          | 11/18/25 15:16 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 131 |          |      |   |          | 11/18/25 15:16 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/18/25 15:16 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.570 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U *       | 0.570 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.570 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U *       | 0.570 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U *       | 2.85  | 1.84   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.570 | 0.430  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.570 | 0.116  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U *       | 0.570 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.70  | 1.38   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,6-Dinitrotoluene           | <0.272  | U         | 0.570 | 0.272  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.570 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.570 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.570 | 0.158  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.570 | 0.137  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 3 & 4 Methylphenol           | <0.0941 | U         | 0.570 | 0.0941 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U *       | 0.570 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.570 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4-Chloroaniline              | <0.0879 | U         | 0.570 | 0.0879 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0951 | U *       | 0.570 | 0.0951 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.570 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Aniline                      | <0.449  | U *       | 1.14  | 0.449  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Anthracene                   | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.285 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Benzo[a]pyrene               | <0.107  | U *       | 0.285 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.570 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Benzo[g,h,i]perylene         | <0.0901 | U         | 0.570 | 0.0901 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.570 | 0.123  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Benzyl alcohol               | <0.224  | U * *     | 2.85  | 0.224  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U *       | 0.570 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U *       | 0.570 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Butyl benzyl phthalate       | <0.335  | U *       | 1.14  | 0.335  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Chrysene                     | <0.0963 | U         | 0.570 | 0.0963 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result      | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Dibenz(a,h)anthracene               | <0.0848     | U *       | 0.114 | 0.0848 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Dibenzofuran                        | <0.112      | U *       | 0.570 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Diethyl phthalate                   | <0.186      | U         | 1.14  | 0.186  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Dimethyl phthalate                  | <0.133      | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Di-n-butyl phthalate                | <0.658      | U         | 1.14  | 0.658  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Di-n-octyl phthalate                | <0.285      | U         | 1.14  | 0.285  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Fluoranthene                        | <0.120      | U         | 0.570 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Fluorene                            | <0.113      | U *       | 0.570 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Hexachlorobenzene                   | <0.132      | U *       | 0.570 | 0.132  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Hexachlorobutadiene                 | <0.161      | U         | 0.570 | 0.161  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Hexachlorocyclopentadiene           | <0.179      | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Hexachloroethane                    | <0.125      | U         | 0.570 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102      | U         | 0.570 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Isophorone                          | <0.106      | U         | 0.570 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Naphthalene                         | <0.114      | U         | 0.570 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Nitrobenzene                        | <0.152      | U *       | 0.570 | 0.152  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147      | U         | 0.570 | 0.147  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosodiphenylamine              | <0.112      | U         | 0.570 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Pentachlorophenol                   | <0.311      | U         | 0.570 | 0.311  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Phenanthrene                        | <0.106      | U *       | 0.570 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Phenol                              | <0.505      | U         | 1.14  | 0.505  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Pyrene                              | <0.129      | U         | 0.570 | 0.129  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Pyridine                            | <0.834      | U *       | 2.85  | 0.834  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitro-o-toluidine                 | <0.650      | U         | 1.14  | 0.650  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.253      | U         | 0.570 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Acetophenone                        | <0.138      | U *       | 1.14  | 0.138  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosopiperidine                 | <0.629      | U         | 1.14  | 0.629  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Pentachlorobenzene                  | <0.125      | U *       | 0.570 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| <b>Diphenyl ether</b>               | <b>2.16</b> |           | 0.570 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,1'-Biphenyl                       | <0.113      | U         | 0.570 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4-Aminobiphenyl                     | <0.194      | U         | 0.570 | 0.194  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115      | U         | 0.570 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,3,5-Trinitrobenzene               | <0.651      | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,3-Dinitrobenzene                  | <0.586      | U *       | 1.14  | 0.586  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1,4-Naphthoquinone                  | <0.0610     | U         | 0.570 | 0.0610 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 1-Naphthylamine                     | <0.269      | U         | 0.570 | 0.269  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2,6-Dichlorophenol                  | <0.0970     | U         | 0.570 | 0.0970 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Acetylaminofluorene               | <1.70       | U         | 2.85  | 1.70   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Chlorophenol                      | <0.102      | U *       | 0.570 | 0.102  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Naphthylamine                     | <0.411      | U         | 0.570 | 0.411  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Picoline                          | <1.03       | U * *1    | 1.14  | 1.03   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Toluidine                         | <0.423      | U         | 0.570 | 0.423  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 3,3'-Dichlorobenzidine              | <0.648      | U         | 1.14  | 0.648  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294      | U         | 0.570 | 0.294  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 3-Methylcholanthrene                | <0.0879     | U *       | 0.570 | 0.0879 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635      | U         | 1.14  | 0.635  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127      | U         | 0.570 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45       | U *       | 5.70  | 1.45   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Aramite Peak 1                      | <0.183      | U         | 0.570 | 0.183  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Aramite Peak 2             | <0.202  | U         | 0.570 | 0.202  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Aramite, Total             | <0.183  | U *-      | 0.570 | 0.183  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Diallate                   | <0.0298 | U *-      | 0.570 | 0.0298 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Diallate Peak 1            | <0.0745 | U         | 0.570 | 0.0745 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Diallate Peak 2            | <0.0298 | U *-      | 0.570 | 0.0298 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Dimethoate                 | <0.497  | U **      | 2.85  | 0.497  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Dinoseb                    | <0.674  | U         | 2.85  | 0.674  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Disulfoton                 | <2.15   | U **      | 2.85  | 2.15   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Ethyl methanesulfonate     | <0.185  | U         | 0.570 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Ethyl Parathion            | <0.624  | U **      | 1.14  | 0.624  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Famphur                    | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Hexachloropropene          | <0.570  | U         | 0.570 | 0.570  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Isosafrole                 | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Isosafrole Peak 1          | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Isosafrole Peak 2          | <0.0982 | U         | 0.570 | 0.0982 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Methapyriline              | <1.51   | U **      | 2.28  | 1.51   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Methyl methanesulfonate    | <0.185  | U         | 0.570 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Methyl parathion           | <2.76   | U **      | 2.85  | 2.76   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosodiethylamine      | <0.671  | U *-      | 1.14  | 0.671  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosodimethylamine     | <0.159  | U         | 0.570 | 0.159  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosodi-n-butylamine   | <0.722  | U         | 1.14  | 0.722  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosomethylethylamine  | <0.699  | U         | 1.14  | 0.699  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosomorpholine        | <0.711  | U         | 1.14  | 0.711  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| N-Nitrosopyrrolidine       | <0.108  | U         | 0.570 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| p-Dimethylamino azobenzene | <0.154  | U         | 0.570 | 0.154  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Pentachloronitrobenzene    | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Phenacetin                 | <0.252  | U         | 0.570 | 0.252  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Phorate                    | <2.60   | U **      | 5.70  | 2.60   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| p-Phenylene diamine        | <5.70   | U *- *1   | 5.70  | 5.70   | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Pronamide                  | <0.134  | U *-      | 0.570 | 0.134  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Safrole, Total             | <0.0918 | U *-      | 0.570 | 0.0918 | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Sulfotepp                  | <0.470  | U **      | 1.14  | 0.470  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Thionazin                  | <0.339  | U         | 1.14  | 0.339  | ug/L |   | 11/13/25 14:28 | 11/15/25 11:57 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 98        |           | 26 - 136 | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Fluorobiphenyl            | 57        |           | 39 - 130 | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| 2-Fluorophenol (Surr)       | 37        |           | 19 - 120 | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 11/13/25 14:28 | 11/15/25 11:57 | 1       |
| p-Terphenyl-d14             | 62        |           | 28 - 130 | 11/13/25 14:28 | 11/15/25 11:57 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte                          | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                      | 1550   |           | 285 | 52.2 | ug/L |   | 11/13/25 14:28 | 12/01/25 18:38 | 500     |
| o,o',o"-Triethylphosphorothioate | 270    | J         | 285 | 65.9 | ug/L |   | 11/13/25 14:28 | 12/01/25 18:38 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/13/25 14:28 | 12/01/25 18:38 | 500     |
| 2-Fluorobiphenyl            | 259       | S1+       | 39 - 130 | 11/13/25 14:28 | 12/01/25 18:38 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorophenol (Surr)  | 207       | S1+       | 19 - 120 | 11/13/25 14:28 | 12/01/25 18:38 | 500     |
| Nitrobenzene-d5 (Surr) | 235       | S1+       | 32 - 133 | 11/13/25 14:28 | 12/01/25 18:38 | 500     |
| Phenol-d5 (Surr)       | 0         | S1-       | 8 - 124  | 11/13/25 14:28 | 12/01/25 18:38 | 500     |
| p-Terphenyl-d14        | 834       | S1+       | 28 - 130 | 11/13/25 14:28 | 12/01/25 18:38 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U H       | 0.572 | 0.121  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U H       | 0.572 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U H       | 0.572 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U H       | 0.572 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U H       | 2.86  | 1.85   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,4,5-Trichlorophenol        | <0.432  | U H       | 0.572 | 0.432  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U H       | 0.572 | 0.117  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U H       | 0.572 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U H       | 0.572 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U H       | 5.72  | 1.38   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,4-Dinitrotoluene           | <0.514  | U H       | 1.14  | 0.514  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U H       | 0.572 | 0.273  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Chloronaphthalene          | <0.118  | U H       | 0.572 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Methylnaphthalene          | <0.109  | U H       | 0.572 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Methylphenol               | <0.109  | U H       | 0.572 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Nitroaniline               | <0.158  | U H       | 0.572 | 0.158  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Nitrophenol                | <0.137  | U H       | 0.572 | 0.137  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 3 & 4 Methylphenol           | <0.0945 | U H       | 0.572 | 0.0945 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 3-Nitroaniline               | <0.223  | U H       | 1.14  | 0.223  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U H       | 2.86  | 1.23   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4-Bromophenyl phenyl ether   | <0.106  | U H       | 0.572 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U H       | 0.572 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4-Chloroaniline              | <0.0882 | U H *1    | 0.572 | 0.0882 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0955 | U H       | 0.572 | 0.0955 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4-Nitroaniline               | <0.271  | U H       | 1.14  | 0.271  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Acenaphthene                 | <0.101  | U H       | 0.572 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Acenaphthylene               | <0.125  | U H       | 0.572 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Aniline                      | <0.451  | U H *- *1 | 1.14  | 0.451  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Anthracene                   | <0.104  | U H       | 0.572 | 0.104  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Benzo[a]anthracene           | <0.127  | U H       | 0.286 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Benzo[a]pyrene               | <0.107  | U H       | 0.286 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U H       | 0.572 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Benzo[g,h,i]perylene         | <0.0904 | U H       | 0.572 | 0.0904 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U H       | 0.572 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Benzyl alcohol               | <0.225  | U H *- *1 | 2.86  | 0.225  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Bis(2-chloroethoxy)methane   | <0.108  | U H       | 0.572 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Bis(2-chloroethyl)ether      | <0.107  | U H       | 0.572 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.572  | U H       | 1.14  | 0.572  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Butyl benzyl phthalate       | <0.337  | U H       | 1.14  | 0.337  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Chrysene                     | <0.0967 | U H       | 0.572 | 0.0967 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Dibenz(a,h)anthracene        | <0.0852 | U H       | 0.114 | 0.0852 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Dibenzofuran                 | <0.112  | U H       | 0.572 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diethyl phthalate                   | <0.187  | U H       | 1.14  | 0.187  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Dimethyl phthalate                  | <0.134  | U H       | 1.14  | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Di-n-butyl phthalate                | <0.661  | U H       | 1.14  | 0.661  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Di-n-octyl phthalate                | <0.286  | U H       | 1.14  | 0.286  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Fluoranthene                        | <0.120  | U H       | 0.572 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Fluorene                            | <0.113  | U H       | 0.572 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Hexachlorobenzene                   | <0.132  | U H       | 0.572 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Hexachlorobutadiene                 | <0.162  | U H       | 0.572 | 0.162  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Hexachlorocyclopentadiene           | <0.179  | U H       | 1.14  | 0.179  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Hexachloroethane                    | <0.125  | U H       | 0.572 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103  | U H       | 0.572 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Isophorone                          | <0.106  | U H       | 0.572 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Naphthalene                         | <0.114  | U H       | 0.572 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Nitrobenzene                        | <0.153  | U H       | 0.572 | 0.153  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosodi-n-propylamine           | <0.148  | U H       | 0.572 | 0.148  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosodiphenylamine              | <0.113  | U H       | 0.572 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Pentachlorophenol                   | <0.312  | U H       | 0.572 | 0.312  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Phenanthrene                        | <0.107  | U H       | 0.572 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Phenol                              | <0.507  | U H       | 1.14  | 0.507  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Pyrene                              | <0.129  | U H       | 0.572 | 0.129  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Pyridine                            | <0.838  | U H *     | 2.86  | 0.838  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitro-o-toluidine                 | <0.652  | U H       | 1.14  | 0.652  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254  | U H       | 0.572 | 0.254  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Acetophenone                        | <0.139  | U H *     | 1.14  | 0.139  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosopiperidine                 | <0.632  | U H       | 1.14  | 0.632  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Pentachlorobenzene                  | <0.125  | U H       | 0.572 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Diphenyl ether                      | 1.43    | H         | 0.572 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,1'-Biphenyl                       | <0.113  | U H       | 0.572 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4-Aminobiphenyl                     | <0.195  | U H *     | 0.572 | 0.195  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U H       | 0.572 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,3,5-Trinitrobenzene               | <0.654  | U H       | 1.14  | 0.654  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,3-Dinitrobenzene                  | <0.588  | U H       | 1.14  | 0.588  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1,4-Naphthoquinone                  | <0.0613 | U H       | 0.572 | 0.0613 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 1-Naphthylamine                     | <0.270  | U H       | 0.572 | 0.270  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2,6-Dichlorophenol                  | <0.0974 | U H       | 0.572 | 0.0974 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Acetylaminofluorene               | <1.71   | U H       | 2.86  | 1.71   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Chlorophenol                      | <0.103  | U H       | 0.572 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Naphthylamine                     | <0.412  | U H *     | 0.572 | 0.412  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Picoline                          | <1.03   | U H *     | 1.14  | 1.03   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Toluidine                         | <0.425  | U H *     | 0.572 | 0.425  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 3,3'-Dichlorobenzidine              | <0.651  | U H *     | 1.14  | 0.651  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295  | U H       | 0.572 | 0.295  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 3-Methylcholanthrene                | <0.0883 | U H       | 0.572 | 0.0883 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.637  | U H       | 1.14  | 0.637  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128  | U H       | 0.572 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U H *     | 5.72  | 1.45   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Aramite Peak 1                      | <0.184  | U H       | 0.572 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Aramite Peak 2                      | <0.203  | U H       | 0.572 | 0.203  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Aramite, Total                      | <0.184  | U H *     | 0.572 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-15

Lab Sample ID: 860-116358-9

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Diallate                   | <0.0299 | U H *     | 0.572 | 0.0299 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Diallate Peak 1            | <0.0749 | U H       | 0.572 | 0.0749 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Diallate Peak 2            | <0.0299 | U H       | 0.572 | 0.0299 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Dimethoate                 | <0.499  | U *+ H    | 2.86  | 0.499  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Dinoseb                    | <0.677  | U *+ H    | 2.86  | 0.677  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Disulfoton                 | <2.16   | U *+ H    | 2.86  | 2.16   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Ethyl methanesulfonate     | <0.186  | U H       | 0.572 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Ethyl Parathion            | <0.626  | U *+ H    | 1.14  | 0.626  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Famphur                    | <0.259  | U *+ H    | 1.14  | 0.259  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Hexachloropropene          | <0.572  | U H       | 0.572 | 0.572  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Isosafrole                 | <0.0231 | U H       | 0.572 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Isosafrole Peak 1          | <0.0231 | U H       | 0.572 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Isosafrole Peak 2          | <0.0986 | U H       | 0.572 | 0.0986 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Methapyriline              | <1.52   | U *+ H    | 2.29  | 1.52   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Methyl methanesulfonate    | <0.186  | U H       | 0.572 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Methyl parathion           | <2.77   | U *+ H    | 2.86  | 2.77   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosodiethylamine      | <0.674  | U H       | 1.14  | 0.674  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosodimethylamine     | <0.159  | U H       | 0.572 | 0.159  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosodi-n-butylamine   | <0.725  | U H       | 1.14  | 0.725  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosomethylethylamine  | <0.702  | U H       | 1.14  | 0.702  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosomorpholine        | <0.714  | U H       | 1.14  | 0.714  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| N-Nitrosopyrrolidine       | <0.109  | U H       | 0.572 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| p-Dimethylamino azobenzene | <0.154  | U H       | 0.572 | 0.154  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Pentachloronitrobenzene    | <0.253  | U H       | 0.572 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Phenacetin                 | <0.253  | U H       | 0.572 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Phorate                    | <2.61   | U *+ H    | 5.72  | 2.61   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| p-Phenylene diamine        | <5.72   | U H *     | 5.72  | 5.72   | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Pronamide                  | <0.134  | U H       | 0.572 | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Safrole, Total             | <0.0922 | U H *     | 0.572 | 0.0922 | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Sulfotepp                  | <0.472  | U *+ H    | 1.14  | 0.472  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Thionazin                  | <0.340  | U H       | 1.14  | 0.340  | ug/L |   | 12/01/25 14:58 | 12/02/25 23:53 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 89        |           | 26 - 136 | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Fluorobiphenyl            | 69        |           | 39 - 130 | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| 2-Fluorophenol (Surr)       | 35        |           | 19 - 120 | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Nitrobenzene-d5 (Surr)      | 88        |           | 32 - 133 | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| Phenol-d5 (Surr)            | 22        |           | 8 - 124  | 12/01/25 14:58 | 12/02/25 23:53 | 1       |
| p-Terphenyl-d14             | 65        |           | 28 - 130 | 12/01/25 14:58 | 12/02/25 23:53 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

| Analyte     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane | 373    | H *1      | 57.2 | 10.5 | ug/L |   | 12/01/25 14:58 | 12/03/25 00:21 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 58        |           | 26 - 136 | 12/01/25 14:58 | 12/03/25 00:21 | 100     |
| 2-Fluorobiphenyl            | 57        |           | 39 - 130 | 12/01/25 14:58 | 12/03/25 00:21 | 100     |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 12/01/25 14:58 | 12/03/25 00:21 | 100     |
| Nitrobenzene-d5 (Surr)      | 78        |           | 32 - 133 | 12/01/25 14:58 | 12/03/25 00:21 | 100     |
| Phenol-d5 (Surr)            | 19        |           | 8 - 124  | 12/01/25 14:58 | 12/03/25 00:21 | 100     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Client Sample ID: MW-15**

**Lab Sample ID: 860-116358-9**

Date Collected: 11/12/25 08:59

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 52        |           | 28 - 130 | 12/01/25 14:58 | 12/03/25 00:21 | 100     |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 18:06 | 1       |

**Client Sample ID: MW-21**

**Lab Sample ID: 860-116358-10**

Date Collected: 11/12/25 10:13

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <16.1  | U         | 25.0 | 16.1 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,1,1-Trichloroethane                 | <14.6  | U         | 125  | 14.6 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,1,2,2-Tetrachloroethane             | <11.8  | U         | 25.0 | 11.8 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <27.8  | U         | 250  | 27.8 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,1,2-Trichloroethane                 | <10.3  | U         | 25.0 | 10.3 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,1-Dichloroethane                    | <15.9  | U         | 25.0 | 15.9 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,1-Dichloroethene                    | <18.5  | U         | 25.0 | 18.5 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,2,3-Trichloropropane                | <11.8  | U         | 25.0 | 11.8 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,2,4-Trimethylbenzene                | <10.4  | U         | 25.0 | 10.4 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,2-Dibromo-3-Chloropropane           | <16.8  | U         | 125  | 16.8 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,2-Dibromoethane                     | <25.0  | U         | 125  | 25.0 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,2-Dichloroethane                    | <9.30  | U         | 25.0 | 9.30 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,2-Dichloropropane                   | <13.9  | U         | 125  | 13.9 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,3,5-Trimethylbenzene                | <10.3  | U         | 25.0 | 10.3 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 1,3-Butadiene                         | <14.2  | U         | 25.0 | 14.2 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 2,2,4-Trimethylpentane                | <12.5  | U         | 125  | 12.5 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 2-Butanone (MEK)                      | <207   | U         | 1250 | 207  | ug/L |   |          | 11/18/25 16:59 | 25      |
| 2-Hexanone (MBK)                      | <125   | U         | 1250 | 125  | ug/L |   |          | 11/18/25 16:59 | 25      |
| 2-Propanol                            | 464    |           | 250  | 131  | ug/L |   |          | 11/18/25 16:59 | 25      |
| 3-Chloropropene (Allyl Chloride)      | <14.9  | U         | 125  | 14.9 | ug/L |   |          | 11/18/25 16:59 | 25      |
| 4-Methyl-2-pentanone                  | <125   | U         | 1250 | 125  | ug/L |   |          | 11/18/25 16:59 | 25      |
| Acetone                               | <76.7  | U         | 2500 | 76.7 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Acetonitrile                          | <365   | U         | 2500 | 365  | ug/L |   |          | 11/18/25 16:59 | 25      |
| Acrolein                              | <278   | U         | 1250 | 278  | ug/L |   |          | 11/18/25 16:59 | 25      |
| Acrylonitrile                         | <358   | U         | 1250 | 358  | ug/L |   |          | 11/18/25 16:59 | 25      |
| alpha-Chlorotoluene                   | <56.4  | U         | 125  | 56.4 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Bromodichloromethane                  | <13.8  | U         | 25.0 | 13.8 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Bromoform                             | <15.8  | U         | 125  | 15.8 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Bromomethane                          | <35.5  | U         | 125  | 35.5 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Carbon disulfide                      | <41.3  | U         | 125  | 41.3 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Carbon tetrachloride                  | <22.4  | U         | 50.0 | 22.4 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Chlorobenzene                         | 186    |           | 25.0 | 11.4 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Chlorodibromomethane                  | <13.7  | U         | 125  | 13.7 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Chloroethane                          | <49.6  | U         | 250  | 49.6 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Chloroform                            | <11.6  | U         | 25.0 | 11.6 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Chloromethane                         | <50.9  | U         | 250  | 50.9 | ug/L |   |          | 11/18/25 16:59 | 25      |
| Chloroprene                           | <15.0  | U         | 125  | 15.0 | ug/L |   |          | 11/18/25 16:59 | 25      |
| cis-1,2-Dichloroethene                | <11.4  | U         | 25.0 | 11.4 | ug/L |   |          | 11/18/25 16:59 | 25      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-21

Lab Sample ID: 860-116358-10

Date Collected: 11/12/25 10:13

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result      | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|-----------|--------|--------|------|---|----------|----------------|---------|
| cis-1,3-Dichloropropene          | <26.7       | U         | 125    | 26.7   | ug/L |   |          | 11/18/25 16:59 | 25      |
| <b>Cumene (isopropylbenzene)</b> | <b>79.5</b> |           | 25.0   | 14.8   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Cyclohexane                      | <32.2       | U         | 125    | 32.2   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Dibromomethane                   | <8.93       | U         | 25.0   | 8.93   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Dichlorodifluoromethane          | <19.6       | U         | 25.0   | 19.6   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Ethyl methacrylate               | <28.0       | U         | 125    | 28.0   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Ethylbenzene                     | <9.63       | U         | 25.0   | 9.63   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Hexane                           | <12.9       | U         | 125    | 12.9   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Iodomethane                      | <125        | U         | 500    | 125    | ug/L |   |          | 11/18/25 16:59 | 25      |
| Isobutanol                       | <428        | U         | 1250   | 428    | ug/L |   |          | 11/18/25 16:59 | 25      |
| Methacrylonitrile                | <67.9       | U         | 250    | 67.9   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Methyl methacrylate              | <56.3       | U         | 250    | 56.3   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Methyl tert-butyl ether          | <34.8       | U         | 125    | 34.8   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Methylene Chloride               | <43.2       | U         | 125    | 43.2   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Propionitrile                    | <83.5       | U         | 250    | 83.5   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Propylbenzene                    | <10.7       | U         | 25.0   | 10.7   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Styrene                          | <15.5       | U         | 25.0   | 15.5   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Tetrachloroethene                | <16.4       | U         | 25.0   | 16.4   | ug/L |   |          | 11/18/25 16:59 | 25      |
| <b>Tetrahydrofuran</b>           | <b>77.2</b> | <b>J</b>  | 250    | 45.8   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Toluene                          | <11.9       | U         | 25.0   | 11.9   | ug/L |   |          | 11/18/25 16:59 | 25      |
| trans-1,2-Dichloroethene         | <9.20       | U         | 25.0   | 9.20   | ug/L |   |          | 11/18/25 16:59 | 25      |
| trans-1,3-Dichloropropene        | <31.7       | U         | 125    | 31.7   | ug/L |   |          | 11/18/25 16:59 | 25      |
| trans-1,4-Dichloro-2-butene      | <33.8       | U         | 250    | 33.8   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Trichloroethene                  | <37.5       | U         | 125    | 37.5   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Trichlorofluoromethane           | <14.0       | U         | 25.0   | 14.0   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Vinyl acetate                    | <53.5       | U         | 500    | 53.5   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Vinyl chloride                   | <10.7       | U         | 50.0   | 10.7   | ug/L |   |          | 11/18/25 16:59 | 25      |
| Xylenes, Total                   | <31.0       | U         | 50.0   | 31.0   | ug/L |   |          | 11/18/25 16:59 | 25      |
| m,p-Xylenes                      | <0.0310     | U         | 0.0500 | 0.0310 | mg/L |   |          | 11/18/25 16:59 | 25      |
| o-Xylene                         | <0.0126     | U         | 0.0250 | 0.0126 | mg/L |   |          | 11/18/25 16:59 | 25      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 63 - 144 |          | 11/18/25 16:59 | 25      |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 74 - 124 |          | 11/18/25 16:59 | 25      |
| Dibromofluoromethane (Surr)  | 94        |           | 75 - 131 |          | 11/18/25 16:59 | 25      |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 11/18/25 16:59 | 25      |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL2

| Analyte        | Result      | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-------------|-----------|-----|------|------|---|----------|----------------|---------|
| <b>Benzene</b> | <b>5590</b> |           | 100 | 46.0 | ug/L |   |          | 11/19/25 11:12 | 100     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 124       |           | 63 - 144 |          | 11/19/25 11:12 | 100     |
| 4-Bromofluorobenzene (Surr)  | 106       |           | 74 - 124 |          | 11/19/25 11:12 | 100     |
| Dibromofluoromethane (Surr)  | 95        |           | 75 - 131 |          | 11/19/25 11:12 | 100     |
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 11/19/25 11:12 | 100     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | <0.120 | U         | 0.570 | 0.120 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-21

Lab Sample ID: 860-116358-10

Date Collected: 11/12/25 10:13

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2-Dichlorobenzene          | 2.36    |           | 0.570 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 1,3-Dichlorobenzene          | 0.219   | J         | 0.570 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 1,4-Dichlorobenzene          | 2.98    |           | 0.570 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.85  | 1.84   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,4,5-Trichlorophenol        | <0.430  | U         | 0.570 | 0.430  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.570 | 0.116  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,4-Dichlorophenol           | 0.276   | J         | 0.570 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,4-Dimethylphenol           | 8.83    |           | 0.570 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.70  | 1.38   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,4-Dinitrotoluene           | <0.512  | U         | 1.14  | 0.512  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,6-Dinitrotoluene           | <0.272  | U         | 0.570 | 0.272  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.570 | 0.118  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Methylnaphthalene          | 0.690   |           | 0.570 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Methylphenol               | 5.21    |           | 0.570 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.570 | 0.158  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.570 | 0.137  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 3 & 4 Methylphenol           | <0.0941 | U         | 0.570 | 0.0941 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.85  | 1.23   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.570 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.570 | 0.119  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4-Chloroaniline              | <0.0879 | U         | 0.570 | 0.0879 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0951 | U         | 0.570 | 0.0951 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Acenaphthene                 | 0.130   | J         | 0.570 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Aniline                      | <0.449  | U         | 1.14  | 0.449  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Anthracene                   | <0.104  | U         | 0.570 | 0.104  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.285 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.285 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.570 | 0.124  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Benzo[g,h,i]perylene         | <0.0901 | U         | 0.570 | 0.0901 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.570 | 0.123  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Benzyl alcohol               | <0.224  | U         | 2.85  | 0.224  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.570 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Bis(2-chloroethyl)ether      | 15.1    |           | 0.570 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.569  | U         | 1.14  | 0.569  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Butyl benzyl phthalate       | <0.335  | U         | 1.14  | 0.335  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Chrysene                     | <0.0963 | U         | 0.570 | 0.0963 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Dibenz(a,h)anthracene        | <0.0848 | U         | 0.114 | 0.0848 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Dibenzofuran                 | 1.25    | I         | 0.570 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Diethyl phthalate            | <0.186  | U         | 1.14  | 0.186  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Dimethyl phthalate           | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Di-n-butyl phthalate         | <0.658  | U         | 1.14  | 0.658  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Di-n-octyl phthalate         | <0.285  | U         | 1.14  | 0.285  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Fluoranthene                 | <0.120  | U         | 0.570 | 0.120  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Fluorene                     | <0.113  | U         | 0.570 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Hexachlorobenzene            | <0.132  | U         | 0.570 | 0.132  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Hexachlorobutadiene          | <0.161  | U         | 0.570 | 0.161  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-21

Lab Sample ID: 860-116358-10

Date Collected: 11/12/25 10:13

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorocyclopentadiene           | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Hexachloroethane                    | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.102  | U         | 0.570 | 0.102  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Isophorone                          | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Nitrobenzene                        | <0.152  | U         | 0.570 | 0.152  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147  | U         | 0.570 | 0.147  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosodiphenylamine              | <0.112  | U         | 0.570 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Pentachlorophenol                   | 1.69    |           | 0.570 | 0.311  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Phenanthrene                        | <0.106  | U         | 0.570 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Pyrene                              | <0.129  | U         | 0.570 | 0.129  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Pyridine                            | <0.834  | U         | 2.85  | 0.834  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitro-o-toluidine                 | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,3,4,6-Tetrachlorophenol           | 0.275   | J         | 0.570 | 0.253  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Acetophenone                        | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosopiperidine                 | <0.629  | U         | 1.14  | 0.629  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Pentachlorobenzene                  | <0.125  | U         | 0.570 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4-Aminobiphenyl                     | <0.194  | U         | 0.570 | 0.194  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115  | U         | 0.570 | 0.115  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 1,3,5-Trinitrobenzene               | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 1,3-Dinitrobenzene                  | <0.586  | U         | 1.14  | 0.586  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 1,4-Naphthoquinone                  | <0.0610 | U         | 0.570 | 0.0610 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 1-Naphthylamine                     | <0.269  | U         | 0.570 | 0.269  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2,6-Dichlorophenol                  | 0.220   | J         | 0.570 | 0.0970 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Acetylaminofluorene               | <1.70   | U         | 2.85  | 1.70   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Chlorophenol                      | 0.739   |           | 0.570 | 0.102  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Naphthylamine                     | <0.411  | U         | 0.570 | 0.411  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Picoline                          | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Toluidine                         | <0.423  | U         | 0.570 | 0.423  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 3,3'-Dichlorobenzidine              | <0.648  | U         | 1.14  | 0.648  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 3,3'-Dimethylbenzidine              | <0.294  | U         | 0.570 | 0.294  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 3-Methylcholanthrene                | <0.0879 | U         | 0.570 | 0.0879 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.635  | U         | 1.14  | 0.635  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.127  | U         | 0.570 | 0.127  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45   | U         | 5.70  | 1.45   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Aramite Peak 1                      | <0.183  | U         | 0.570 | 0.183  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Aramite Peak 2                      | <0.202  | U         | 0.570 | 0.202  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Aramite, Total                      | <0.183  | U *       | 0.570 | 0.183  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Diallate                            | <0.0298 | U *       | 0.570 | 0.0298 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Diallate Peak 1                     | <0.0745 | U         | 0.570 | 0.0745 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Diallate Peak 2                     | <0.0298 | U         | 0.570 | 0.0298 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Dimethoate                          | <0.497  | U **      | 2.85  | 0.497  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Dinoseb                             | <0.674  | U **      | 2.85  | 0.674  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Disulfoton                          | <2.15   | U **      | 2.85  | 2.15   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Ethyl methanesulfonate              | <0.185  | U         | 0.570 | 0.185  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Ethyl Parathion                     | <0.624  | U **      | 1.14  | 0.624  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Famphur                             | <0.258  | U         | 1.14  | 0.258  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Hexachloropropene                   | <0.570  | U         | 0.570 | 0.570  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Isosafrole                          | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Isosafrole Peak 1                   | <0.0230 | U         | 0.570 | 0.0230 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-21

Lab Sample ID: 860-116358-10

Date Collected: 11/12/25 10:13

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                                 | Result      | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Isosafrole Peak 2                       | <0.0982     | U         | 0.570 | 0.0982 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Methapyrilene                           | <1.51       | U **      | 2.28  | 1.51   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Methyl methanesulfonate                 | <0.185      | U         | 0.570 | 0.185  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Methyl parathion                        | <2.76       | U **      | 2.85  | 2.76   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosodiethylamine                   | <0.671      | U         | 1.14  | 0.671  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosodi-n-butylamine                | <0.722      | U         | 1.14  | 0.722  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosomethylethylamine               | <0.699      | U         | 1.14  | 0.699  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosomorpholine                     | <0.711      | U         | 1.14  | 0.711  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| N-Nitrosopyrrolidine                    | <0.108      | U         | 0.570 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| <b>o,o',o"-Triethylphosphorothioate</b> | <b>7.73</b> |           | 0.570 | 0.132  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| p-Dimethylamino azobenzene              | <0.154      | U         | 0.570 | 0.154  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Pentachloronitrobenzene                 | <0.252      | U         | 0.570 | 0.252  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Phenacetin                              | <0.252      | U         | 0.570 | 0.252  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Phorate                                 | <2.60       | U **      | 5.70  | 2.60   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| p-Phenylene diamine                     | <5.70       | U         | 5.70  | 5.70   | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Pronamide                               | <0.134      | U         | 0.570 | 0.134  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Safrole, Total                          | <0.0918     | U *       | 0.570 | 0.0918 | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Sulfotepp                               | <0.470      | U **      | 1.14  | 0.470  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Thionazin                               | <0.339      | U         | 1.14  | 0.339  | ug/L |   | 11/18/25 14:08 | 11/21/25 16:30 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 59        |           | 26 - 136 | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Fluorobiphenyl            | 37        | S1-       | 39 - 130 | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| 2-Fluorophenol (Surr)       | 13        | S1-       | 19 - 120 | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Nitrobenzene-d5 (Surr)      | 48        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| Phenol-d5 (Surr)            | 10        |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 16:30 | 1       |
| p-Terphenyl-d14             | 39        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 16:30 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte              | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-------------|-----------|------|------|------|---|----------------|----------------|---------|
| <b>1,4-Dioxane</b>   | <b>141</b>  |           | 28.5 | 5.22 | ug/L |   | 11/18/25 14:08 | 11/21/25 17:00 | 50      |
| <b>Phenol</b>        | <b>30.4</b> | <b>J</b>  | 57.0 | 25.2 | ug/L |   | 11/18/25 14:08 | 11/21/25 17:00 | 50      |
| <b>1,1'-Biphenyl</b> | <b>507</b>  |           | 28.5 | 5.65 | ug/L |   | 11/18/25 14:08 | 11/21/25 17:00 | 50      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 134       |           | 26 - 136 | 11/18/25 14:08 | 11/21/25 17:00 | 50      |
| 2-Fluorobiphenyl            | 62        |           | 39 - 130 | 11/18/25 14:08 | 11/21/25 17:00 | 50      |
| 2-Fluorophenol (Surr)       | 25        |           | 19 - 120 | 11/18/25 14:08 | 11/21/25 17:00 | 50      |
| Nitrobenzene-d5 (Surr)      | 51        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 17:00 | 50      |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 17:00 | 50      |
| p-Terphenyl-d14             | 61        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 17:00 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte               | Result      | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-------------|-----------|-----|------|------|---|----------------|----------------|---------|
| <b>Diphenyl ether</b> | <b>2780</b> |           | 285 | 50.4 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:03 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/18/25 14:08 | 11/21/25 20:03 | 500     |
| 2-Fluorobiphenyl            | 83        |           | 39 - 130 | 11/18/25 14:08 | 11/21/25 20:03 | 500     |
| 2-Fluorophenol (Surr)       | 55        |           | 19 - 120 | 11/18/25 14:08 | 11/21/25 20:03 | 500     |
| Nitrobenzene-d5 (Surr)      | 58        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 20:03 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-21

Lab Sample ID: 860-116358-10

Date Collected: 11/12/25 10:13

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2 (Continued)

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 38        |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 20:03 | 500     |
| p-Terphenyl-d14  | 60        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 20:03 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Naphthalene            | 22.0   |           | 0.570 | 0.114 | ug/L |   | 11/18/25 14:08 | 12/03/25 19:35 | 1       |
| N-Nitrosodimethylamine | <0.159 | U         | 0.570 | 0.159 | ug/L |   | 11/18/25 14:08 | 12/03/25 19:35 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 50        |           | 26 - 136 | 11/18/25 14:08 | 12/03/25 19:35 | 1       |
| 2-Fluorobiphenyl            | 33        | S1-       | 39 - 130 | 11/18/25 14:08 | 12/03/25 19:35 | 1       |
| 2-Fluorophenol (Surr)       | 17        | S1-       | 19 - 120 | 11/18/25 14:08 | 12/03/25 19:35 | 1       |
| Nitrobenzene-d5 (Surr)      | 41        |           | 32 - 133 | 11/18/25 14:08 | 12/03/25 19:35 | 1       |
| Phenol-d5 (Surr)            | 10        |           | 8 - 124  | 11/18/25 14:08 | 12/03/25 19:35 | 1       |
| p-Terphenyl-d14             | 40        |           | 28 - 130 | 11/18/25 14:08 | 12/03/25 19:35 | 1       |

Client Sample ID: MW-23

Lab Sample ID: 860-116358-11

Date Collected: 11/12/25 11:45

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <32.2  | U         | 50.0 | 32.2 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,1,1-Trichloroethane                 | <29.3  | U         | 250  | 29.3 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,1,2,2-Tetrachloroethane             | <23.5  | U         | 50.0 | 23.5 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <55.5  | U         | 500  | 55.5 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,1,2-Trichloroethane                 | <20.6  | U         | 50.0 | 20.6 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,1-Dichloroethane                    | <31.8  | U         | 50.0 | 31.8 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,1-Dichloroethene                    | <36.9  | U         | 50.0 | 36.9 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,2,3-Trichloropropane                | <23.5  | U         | 50.0 | 23.5 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,2,4-Trimethylbenzene                | <20.9  | U         | 50.0 | 20.9 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,2-Dibromo-3-Chloropropane           | <33.6  | U         | 250  | 33.6 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,2-Dibromoethane                     | <50.0  | U         | 250  | 50.0 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,2-Dichloroethane                    | <18.6  | U         | 50.0 | 18.6 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,2-Dichloropropane                   | <27.8  | U         | 250  | 27.8 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,3,5-Trimethylbenzene                | <20.6  | U         | 50.0 | 20.6 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 1,3-Butadiene                         | <28.4  | U         | 50.0 | 28.4 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 2,2,4-Trimethylpentane                | <25.0  | U         | 250  | 25.0 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 2-Butanone (MEK)                      | <414   | U         | 2500 | 414  | ug/L |   |          | 11/18/25 17:20 | 50      |
| 2-Hexanone (MBK)                      | <250   | U         | 2500 | 250  | ug/L |   |          | 11/18/25 17:20 | 50      |
| 2-Propanol                            | 380    | J         | 500  | 261  | ug/L |   |          | 11/18/25 17:20 | 50      |
| 3-Chloropropene (Allyl Chloride)      | <29.9  | U         | 250  | 29.9 | ug/L |   |          | 11/18/25 17:20 | 50      |
| 4-Methyl-2-pentanone                  | <250   | U         | 2500 | 250  | ug/L |   |          | 11/18/25 17:20 | 50      |
| Acetone                               | <153   | U         | 5000 | 153  | ug/L |   |          | 11/18/25 17:20 | 50      |
| Acetonitrile                          | <730   | U         | 5000 | 730  | ug/L |   |          | 11/18/25 17:20 | 50      |
| Acrolein                              | <556   | U         | 2500 | 556  | ug/L |   |          | 11/18/25 17:20 | 50      |
| Acrylonitrile                         | <716   | U         | 2500 | 716  | ug/L |   |          | 11/18/25 17:20 | 50      |
| alpha-Chlorotoluene                   | <113   | U         | 250  | 113  | ug/L |   |          | 11/18/25 17:20 | 50      |
| Benzene                               | 5090   |           | 50.0 | 23.0 | ug/L |   |          | 11/18/25 17:20 | 50      |
| Bromodichloromethane                  | <27.6  | U         | 50.0 | 27.6 | ug/L |   |          | 11/18/25 17:20 | 50      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-23

Lab Sample ID: 860-116358-11

Date Collected: 11/12/25 11:45

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result     | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|--------|--------|------|---|----------|----------------|---------|
| Bromoform                   | <31.7      | U         | 250    | 31.7   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Bromomethane                | <71.0      | U         | 250    | 71.0   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Carbon disulfide            | <82.5      | U         | 250    | 82.5   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Carbon tetrachloride        | <44.8      | U         | 100    | 44.8   | ug/L |   |          | 11/18/25 17:20 | 50      |
| <b>Chlorobenzene</b>        | <b>156</b> |           | 50.0   | 22.8   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Chlorodibromomethane        | <27.4      | U         | 250    | 27.4   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Chloroethane                | <99.2      | U         | 500    | 99.2   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Chloroform                  | <23.2      | U         | 50.0   | 23.2   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Chloromethane               | <102       | U         | 500    | 102    | ug/L |   |          | 11/18/25 17:20 | 50      |
| Chloroprene                 | <29.9      | U         | 250    | 29.9   | ug/L |   |          | 11/18/25 17:20 | 50      |
| cis-1,2-Dichloroethene      | <22.9      | U         | 50.0   | 22.9   | ug/L |   |          | 11/18/25 17:20 | 50      |
| cis-1,3-Dichloropropene     | <53.4      | U         | 250    | 53.4   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Cumene (isopropylbenzene)   | <29.6      | U         | 50.0   | 29.6   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Cyclohexane                 | <64.3      | U         | 250    | 64.3   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Dibromomethane              | <17.9      | U         | 50.0   | 17.9   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Dichlorodifluoromethane     | <39.3      | U         | 50.0   | 39.3   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Ethyl methacrylate          | <55.9      | U         | 250    | 55.9   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Ethylbenzene                | <19.3      | U         | 50.0   | 19.3   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Hexane                      | <25.9      | U         | 250    | 25.9   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Iodomethane                 | <250       | U         | 1000   | 250    | ug/L |   |          | 11/18/25 17:20 | 50      |
| Isobutanol                  | <855       | U         | 2500   | 855    | ug/L |   |          | 11/18/25 17:20 | 50      |
| Methacrylonitrile           | <136       | U         | 500    | 136    | ug/L |   |          | 11/18/25 17:20 | 50      |
| Methyl methacrylate         | <113       | U         | 500    | 113    | ug/L |   |          | 11/18/25 17:20 | 50      |
| Methyl tert-butyl ether     | <69.6      | U         | 250    | 69.6   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Methylene Chloride          | <86.3      | U         | 250    | 86.3   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Propionitrile               | <167       | U         | 500    | 167    | ug/L |   |          | 11/18/25 17:20 | 50      |
| Propylbenzene               | <21.5      | U         | 50.0   | 21.5   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Styrene                     | <31.0      | U         | 50.0   | 31.0   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Tetrachloroethene           | <32.8      | U         | 50.0   | 32.8   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Tetrahydrofuran             | <91.7      | U         | 500    | 91.7   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Toluene                     | <23.8      | U         | 50.0   | 23.8   | ug/L |   |          | 11/18/25 17:20 | 50      |
| trans-1,2-Dichloroethene    | <18.4      | U         | 50.0   | 18.4   | ug/L |   |          | 11/18/25 17:20 | 50      |
| trans-1,3-Dichloropropene   | <63.4      | U         | 250    | 63.4   | ug/L |   |          | 11/18/25 17:20 | 50      |
| trans-1,4-Dichloro-2-butene | <67.5      | U         | 500    | 67.5   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Trichloroethene             | <75.0      | U         | 250    | 75.0   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Trichlorofluoromethane      | <28.0      | U         | 50.0   | 28.0   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Vinyl acetate               | <107       | U         | 1000   | 107    | ug/L |   |          | 11/18/25 17:20 | 50      |
| Vinyl chloride              | <21.4      | U         | 100    | 21.4   | ug/L |   |          | 11/18/25 17:20 | 50      |
| Xylenes, Total              | <62.0      | U         | 100    | 62.0   | ug/L |   |          | 11/18/25 17:20 | 50      |
| m,p-Xylenes                 | <0.0620    | U         | 0.100  | 0.0620 | mg/L |   |          | 11/18/25 17:20 | 50      |
| o-Xylene                    | <0.0251    | U         | 0.0500 | 0.0251 | mg/L |   |          | 11/18/25 17:20 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 63 - 144 |          | 11/18/25 17:20 | 50      |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 74 - 124 |          | 11/18/25 17:20 | 50      |
| Dibromofluoromethane (Surr)  | 95        |           | 75 - 131 |          | 11/18/25 17:20 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 11/18/25 17:20 | 50      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-23

Lab Sample ID: 860-116358-11

Date Collected: 11/12/25 11:45

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                        | Result       | Qualifier  | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|--------------|------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene         | <0.122       | U          | 0.577 | 0.122  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>1,2-Dichlorobenzene</b>     | <b>2.18</b>  |            | 0.577 | 0.102  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>1,3-Dichlorobenzene</b>     | <b>0.176</b> | <b>J</b>   | 0.577 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>1,4-Dichlorobenzene</b>     | <b>2.47</b>  |            | 0.577 | 0.111  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2,2'-oxybis[1-chloropropane]   | <1.87        | U          | 2.89  | 1.87   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2,4,5-Trichlorophenol          | <0.435       | U          | 0.577 | 0.435  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2,4,6-Trichlorophenol          | <0.118       | U          | 0.577 | 0.118  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>2,4-Dichlorophenol</b>      | <b>0.259</b> | <b>J</b>   | 0.577 | 0.127  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>2,4-Dimethylphenol</b>      | <b>7.13</b>  |            | 0.577 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2,4-Dinitrophenol              | <1.40        | U          | 5.77  | 1.40   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2,4-Dinitrotoluene             | <0.518       | U          | 1.15  | 0.518  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2,6-Dinitrotoluene             | <0.276       | U          | 0.577 | 0.276  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Chloronaphthalene            | <0.119       | U          | 0.577 | 0.119  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>2-Methylnaphthalene</b>     | <b>0.324</b> | <b>J I</b> | 0.577 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>2-Methylphenol</b>          | <b>6.52</b>  |            | 0.577 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Nitroaniline                 | <0.160       | U          | 0.577 | 0.160  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Nitrophenol                  | <0.139       | U          | 0.577 | 0.139  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>3 &amp; 4 Methylphenol</b>  | <b>1.55</b>  |            | 0.577 | 0.0954 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 3-Nitroaniline                 | <0.225       | U          | 1.15  | 0.225  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4,6-Dinitro-2-methylphenol     | <1.24        | U          | 2.89  | 1.24   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4-Bromophenyl phenyl ether     | <0.106       | U          | 0.577 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4-Chloro-3-methylphenol        | <0.120       | U          | 0.577 | 0.120  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4-Chloroaniline                | <0.0890      | U          | 0.577 | 0.0890 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4-Chlorophenyl phenyl ether    | <0.0964      | U          | 0.577 | 0.0964 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4-Nitroaniline                 | <0.274       | U          | 1.15  | 0.274  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Acenaphthene</b>            | <b>1.64</b>  |            | 0.577 | 0.102  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Acenaphthylene                 | <0.126       | U          | 0.577 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Aniline                        | <0.455       | U          | 1.15  | 0.455  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Anthracene</b>              | <b>0.130</b> | <b>J</b>   | 0.577 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Benzo[a]anthracene             | <0.128       | U          | 0.289 | 0.128  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Benzo[a]pyrene                 | <0.108       | U          | 0.289 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Benzo[b]fluoranthene           | <0.126       | U          | 0.577 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Benzo[g,h,i]perylene           | <0.0912      | U          | 0.577 | 0.0912 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Benzo[k]fluoranthene           | <0.124       | U          | 0.577 | 0.124  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Benzyl alcohol                 | <0.227       | U          | 2.89  | 0.227  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Bis(2-chloroethoxy)methane     | <0.108       | U          | 0.577 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Bis(2-chloroethyl)ether</b> | <b>14.5</b>  |            | 0.577 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Butyl benzyl phthalate         | <0.339       | U          | 1.15  | 0.339  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Chrysene                       | <0.0975      | U          | 0.577 | 0.0975 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Dibenz(a,h)anthracene          | <0.0859      | U          | 0.115 | 0.0859 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Dibenzofuran</b>            | <b>1.73</b>  |            | 0.577 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Diethyl phthalate              | <0.189       | U          | 1.15  | 0.189  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Dimethyl phthalate             | <0.135       | U          | 1.15  | 0.135  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Di-n-butyl phthalate           | <0.667       | U          | 1.15  | 0.667  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Di-n-octyl phthalate           | <0.288       | U          | 1.15  | 0.288  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Fluoranthene</b>            | <b>0.339</b> | <b>J</b>   | 0.577 | 0.121  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Fluorene</b>                | <b>1.63</b>  |            | 0.577 | 0.114  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Hexachlorobenzene              | <0.133       | U          | 0.577 | 0.133  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Hexachlorobutadiene            | <0.163       | U          | 0.577 | 0.163  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-23

Lab Sample ID: 860-116358-11

Date Collected: 11/12/25 11:45

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result         | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|----------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorocyclopentadiene           | <0.181         | U         | 1.15  | 0.181  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Hexachloroethane                    | <0.126         | U         | 0.577 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.104         | U         | 0.577 | 0.104  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Isophorone                          | <0.107         | U         | 0.577 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Naphthalene</b>                  | <b>17.3</b>    |           | 0.577 | 0.115  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Nitrobenzene                        | <0.154         | U         | 0.577 | 0.154  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosodi-n-propylamine           | <0.149         | U         | 0.577 | 0.149  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosodiphenylamine              | <0.113         | U         | 0.577 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Pentachlorophenol</b>            | <b>0.983</b>   |           | 0.577 | 0.315  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Phenanthrene</b>                 | <b>2.25</b>    |           | 0.577 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>Pyrene</b>                       | <b>0.150 J</b> |           | 0.577 | 0.130  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Pyridine                            | <0.845         | U         | 2.89  | 0.845  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitro-o-toluidine                 | <0.658         | U         | 1.15  | 0.658  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.256         | U         | 0.577 | 0.256  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Acetophenone                        | <0.140         | U         | 1.15  | 0.140  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosopiperidine                 | <0.637         | U         | 1.15  | 0.637  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Pentachlorobenzene                  | <0.126         | U         | 0.577 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4-Aminobiphenyl                     | <0.197         | U         | 0.577 | 0.197  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.116         | U         | 0.577 | 0.116  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 1,3,5-Trinitrobenzene               | <0.660         | U         | 1.15  | 0.660  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 1,3-Dinitrobenzene                  | <0.593         | U         | 1.15  | 0.593  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 1,4-Naphthoquinone                  | <0.0618        | U         | 0.577 | 0.0618 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 1-Naphthylamine                     | <0.272         | U         | 0.577 | 0.272  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>2,6-Dichlorophenol</b>           | <b>0.186 J</b> |           | 0.577 | 0.0983 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Acetylaminofluorene               | <1.72          | U         | 2.89  | 1.72   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>2-Chlorophenol</b>               | <b>0.887</b>   |           | 0.577 | 0.104  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Naphthylamine                     | <0.416         | U         | 0.577 | 0.416  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Picoline                          | <1.04          | U         | 1.15  | 1.04   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Toluidine                         | <0.429         | U         | 0.577 | 0.429  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 3,3'-Dichlorobenzidine              | <0.656         | U         | 1.15  | 0.656  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 3,3'-Dimethylbenzidine              | <0.298         | U         | 0.577 | 0.298  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 3-Methylcholanthrene                | <0.0890        | U         | 0.577 | 0.0890 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.643         | U         | 1.15  | 0.643  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.129         | U         | 0.577 | 0.129  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.47          | U         | 5.77  | 1.47   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Aramite Peak 1                      | <0.186         | U         | 0.577 | 0.186  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Aramite Peak 2                      | <0.205         | U         | 0.577 | 0.205  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Aramite, Total                      | <0.186         | U         | 0.577 | 0.186  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Diallate                            | <0.0302        | U         | 0.577 | 0.0302 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Diallate Peak 1                     | <0.0755        | U         | 0.577 | 0.0755 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Diallate Peak 2                     | <0.0302        | U         | 0.577 | 0.0302 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Dimethoate                          | <0.504         | U **      | 2.89  | 0.504  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Dinoseb                             | <0.683         | U **      | 2.89  | 0.683  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Disulfoton                          | <2.17          | U **      | 2.89  | 2.17   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Ethyl methanesulfonate              | <0.187         | U         | 0.577 | 0.187  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Ethyl Parathion                     | <0.632         | U **      | 1.15  | 0.632  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Famphur                             | <0.261         | U         | 1.15  | 0.261  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Hexachloropropene                   | <0.577         | U         | 0.577 | 0.577  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Isosafrole                          | <0.0233        | U         | 0.577 | 0.0233 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-23

Lab Sample ID: 860-116358-11

Date Collected: 11/12/25 11:45

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                                 | Result      | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Isosafrole Peak 1                       | <0.0233     | U         | 0.577 | 0.0233 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Isosafrole Peak 2                       | <0.0995     | U         | 0.577 | 0.0995 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Methapyrilene                           | <1.53       | U **      | 2.31  | 1.53   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Methyl methanesulfonate                 | <0.188      | U         | 0.577 | 0.188  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Methyl parathion                        | <2.79       | U **      | 2.89  | 2.79   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosodiethylamine                   | <0.680      | U         | 1.15  | 0.680  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosodi-n-butylamine                | <0.731      | U         | 1.15  | 0.731  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosomethylethylamine               | <0.708      | U         | 1.15  | 0.708  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosomorpholine                     | <0.720      | U         | 1.15  | 0.720  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| N-Nitrosopyrrolidine                    | <0.110      | U         | 0.577 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| <b>o,o',o"-Triethylphosphorothioate</b> | <b>10.7</b> |           | 0.577 | 0.134  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| p-Dimethylamino azobenzene              | <0.156      | U         | 0.577 | 0.156  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Pentachloronitrobenzene                 | <0.255      | U         | 0.577 | 0.255  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Phenacetin                              | <0.255      | U         | 0.577 | 0.255  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Phorate                                 | <2.64       | U **      | 5.77  | 2.64   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| p-Phenylene diamine                     | <5.77       | U         | 5.77  | 5.77   | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Pronamide                               | <0.136      | U         | 0.577 | 0.136  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Safrole, Total                          | <0.0930     | U         | 0.577 | 0.0930 | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Sulfotepp                               | <0.476      | U **      | 1.15  | 0.476  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Thionazin                               | <0.343      | U         | 1.15  | 0.343  | ug/L |   | 11/18/25 14:08 | 11/21/25 20:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 53        |           | 26 - 136 | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Fluorobiphenyl            | 35        | S1-       | 39 - 130 | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| 2-Fluorophenol (Surr)       | 18        | S1-       | 19 - 120 | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 46        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| Phenol-d5 (Surr)            | 14        |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 20:33 | 1       |
| p-Terphenyl-d14             | 38        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 20:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte              | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-------------|-----------|------|------|------|---|----------------|----------------|---------|
| <b>1,4-Dioxane</b>   | <b>140</b>  |           | 28.9 | 5.29 | ug/L |   | 11/18/25 14:08 | 11/21/25 21:03 | 50      |
| <b>Phenol</b>        | <b>37.4</b> | <b>J</b>  | 57.7 | 25.6 | ug/L |   | 11/18/25 14:08 | 11/21/25 21:03 | 50      |
| <b>1,1'-Biphenyl</b> | <b>219</b>  |           | 28.9 | 5.72 | ug/L |   | 11/18/25 14:08 | 11/21/25 21:03 | 50      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 117       |           | 26 - 136 | 11/18/25 14:08 | 11/21/25 21:03 | 50      |
| 2-Fluorobiphenyl            | 48        |           | 39 - 130 | 11/18/25 14:08 | 11/21/25 21:03 | 50      |
| 2-Fluorophenol (Surr)       | 27        |           | 19 - 120 | 11/18/25 14:08 | 11/21/25 21:03 | 50      |
| Nitrobenzene-d5 (Surr)      | 54        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 21:03 | 50      |
| Phenol-d5 (Surr)            | 18        |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 21:03 | 50      |
| p-Terphenyl-d14             | 52        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 21:03 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte               | Result      | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-------------|-----------|-----|------|------|---|----------------|----------------|---------|
| <b>Diphenyl ether</b> | <b>2020</b> |           | 289 | 51.0 | ug/L |   | 11/18/25 14:08 | 11/21/25 21:33 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/18/25 14:08 | 11/21/25 21:33 | 500     |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/18/25 14:08 | 11/21/25 21:33 | 500     |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/18/25 14:08 | 11/21/25 21:33 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-23

Lab Sample ID: 860-116358-11

Date Collected: 11/12/25 11:45

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2 (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr) | 0         | S1-       | 32 - 133 | 11/18/25 14:08 | 11/21/25 21:33 | 500     |
| Phenol-d5 (Surr)       | 0         | S1-       | 8 - 124  | 11/18/25 14:08 | 11/21/25 21:33 | 500     |
| p-Terphenyl-d14        | 57        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 21:33 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Bis(2-ethylhexyl) phthalate | <0.577 | U         | 1.15  | 0.577 | ug/L |   | 11/18/25 14:08 | 12/03/25 20:03 | 1       |
| N-Nitrosodimethylamine      | <0.161 | U         | 0.577 | 0.161 | ug/L |   | 11/18/25 14:08 | 12/03/25 20:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 49        |           | 26 - 136 | 11/18/25 14:08 | 12/03/25 20:03 | 1       |
| 2-Fluorobiphenyl            | 32        | S1-       | 39 - 130 | 11/18/25 14:08 | 12/03/25 20:03 | 1       |
| 2-Fluorophenol (Surr)       | 20        |           | 19 - 120 | 11/18/25 14:08 | 12/03/25 20:03 | 1       |
| Nitrobenzene-d5 (Surr)      | 40        |           | 32 - 133 | 11/18/25 14:08 | 12/03/25 20:03 | 1       |
| Phenol-d5 (Surr)            | 14        |           | 8 - 124  | 11/18/25 14:08 | 12/03/25 20:03 | 1       |
| p-Terphenyl-d14             | 37        |           | 28 - 130 | 11/18/25 14:08 | 12/03/25 20:03 | 1       |

Client Sample ID: MW-17

Lab Sample ID: 860-116358-12

Date Collected: 11/12/25 13:36

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <322        | U         | 500   | 322  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,1,1-Trichloroethane                 | <293        | U         | 2500  | 293  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,1,2,2-Tetrachloroethane             | <235        | U         | 500   | 235  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <555        | U         | 5000  | 555  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,1,2-Trichloroethane                 | <206        | U         | 500   | 206  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,1-Dichloroethane                    | <318        | U         | 500   | 318  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,1-Dichloroethene                    | <369        | U         | 500   | 369  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,2,3-Trichloropropane                | <235        | U         | 500   | 235  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,2,4-Trimethylbenzene                | <209        | U         | 500   | 209  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,2-Dibromo-3-Chloropropane           | <336        | U         | 2500  | 336  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,2-Dibromoethane                     | <500        | U         | 2500  | 500  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,2-Dichloroethane                    | <186        | U         | 500   | 186  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,2-Dichloropropane                   | <278        | U         | 2500  | 278  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,3,5-Trimethylbenzene                | <206        | U         | 500   | 206  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 1,3-Butadiene                         | <284        | U         | 500   | 284  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 2,2,4-Trimethylpentane                | <250        | U         | 2500  | 250  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 2-Butanone (MEK)                      | <4140       | U         | 25000 | 4140 | ug/L |   |          | 11/18/25 17:40 | 500     |
| 2-Hexanone (MBK)                      | <2500       | U         | 25000 | 2500 | ug/L |   |          | 11/18/25 17:40 | 500     |
| 2-Propanol                            | <2610       | U         | 5000  | 2610 | ug/L |   |          | 11/18/25 17:40 | 500     |
| 3-Chloropropene (Allyl Chloride)      | <299        | U         | 2500  | 299  | ug/L |   |          | 11/18/25 17:40 | 500     |
| 4-Methyl-2-pentanone                  | <2500       | U         | 25000 | 2500 | ug/L |   |          | 11/18/25 17:40 | 500     |
| Acetone                               | <1530       | U         | 50000 | 1530 | ug/L |   |          | 11/18/25 17:40 | 500     |
| Acetonitrile                          | <7300       | U         | 50000 | 7300 | ug/L |   |          | 11/18/25 17:40 | 500     |
| Acrolein                              | <5560       | U         | 25000 | 5560 | ug/L |   |          | 11/18/25 17:40 | 500     |
| Acrylonitrile                         | <7160       | U         | 25000 | 7160 | ug/L |   |          | 11/18/25 17:40 | 500     |
| alpha-Chlorotoluene                   | <1130       | U         | 2500  | 1130 | ug/L |   |          | 11/18/25 17:40 | 500     |
| <b>Benzene</b>                        | <b>1440</b> |           | 500   | 230  | ug/L |   |          | 11/18/25 17:40 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-17

Lab Sample ID: 860-116358-12

Date Collected: 11/12/25 13:36

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Bromodichloromethane        | <276   | U         | 500   | 276   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Bromoform                   | <317   | U         | 2500  | 317   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Bromomethane                | <710   | U         | 2500  | 710   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Carbon disulfide            | <825   | U         | 2500  | 825   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Carbon tetrachloride        | 33200  |           | 1000  | 448   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Chlorobenzene               | 561    |           | 500   | 228   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Chlorodibromomethane        | <274   | U         | 2500  | 274   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Chloroethane                | <992   | U         | 5000  | 992   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Chloroform                  | 1640   |           | 500   | 232   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Chloromethane               | <1020  | U         | 5000  | 1020  | ug/L |   |          | 11/18/25 17:40 | 500     |
| Chloroprene                 | <299   | U         | 2500  | 299   | ug/L |   |          | 11/18/25 17:40 | 500     |
| cis-1,2-Dichloroethene      | <229   | U         | 500   | 229   | ug/L |   |          | 11/18/25 17:40 | 500     |
| cis-1,3-Dichloropropene     | <534   | U         | 2500  | 534   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Cumene (isopropylbenzene)   | <296   | U         | 500   | 296   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Cyclohexane                 | 779    | J         | 2500  | 643   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Dibromomethane              | <179   | U         | 500   | 179   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Dichlorodifluoromethane     | <393   | U         | 500   | 393   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Ethyl methacrylate          | <559   | U         | 2500  | 559   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Ethylbenzene                | <193   | U         | 500   | 193   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Hexane                      | <259   | U         | 2500  | 259   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Iodomethane                 | <2500  | U         | 10000 | 2500  | ug/L |   |          | 11/18/25 17:40 | 500     |
| Isobutanol                  | <8550  | U         | 25000 | 8550  | ug/L |   |          | 11/18/25 17:40 | 500     |
| Methacrylonitrile           | <1360  | U         | 5000  | 1360  | ug/L |   |          | 11/18/25 17:40 | 500     |
| Methyl methacrylate         | <1130  | U         | 5000  | 1130  | ug/L |   |          | 11/18/25 17:40 | 500     |
| Methyl tert-butyl ether     | <696   | U         | 2500  | 696   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Methylene Chloride          | <863   | U         | 2500  | 863   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Propionitrile               | <1670  | U         | 5000  | 1670  | ug/L |   |          | 11/18/25 17:40 | 500     |
| Propylbenzene               | <215   | U         | 500   | 215   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Styrene                     | <310   | U         | 500   | 310   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Tetrachloroethene           | <328   | U         | 500   | 328   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Tetrahydrofuran             | <917   | U         | 5000  | 917   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Toluene                     | <238   | U         | 500   | 238   | ug/L |   |          | 11/18/25 17:40 | 500     |
| trans-1,2-Dichloroethene    | <184   | U         | 500   | 184   | ug/L |   |          | 11/18/25 17:40 | 500     |
| trans-1,3-Dichloropropene   | <634   | U         | 2500  | 634   | ug/L |   |          | 11/18/25 17:40 | 500     |
| trans-1,4-Dichloro-2-butene | <675   | U         | 5000  | 675   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Trichloroethene             | <750   | U         | 2500  | 750   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Trichlorofluoromethane      | <280   | U         | 500   | 280   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Vinyl acetate               | <1070  | U         | 10000 | 1070  | ug/L |   |          | 11/18/25 17:40 | 500     |
| Vinyl chloride              | <214   | U         | 1000  | 214   | ug/L |   |          | 11/18/25 17:40 | 500     |
| Xylenes, Total              | <620   | U         | 1000  | 620   | ug/L |   |          | 11/18/25 17:40 | 500     |
| m,p-Xylenes                 | <0.620 | U         | 1.00  | 0.620 | mg/L |   |          | 11/18/25 17:40 | 500     |
| o-Xylene                    | <0.251 | U         | 0.500 | 0.251 | mg/L |   |          | 11/18/25 17:40 | 500     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 63 - 144 |          | 11/18/25 17:40 | 500     |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          | 11/18/25 17:40 | 500     |
| Dibromofluoromethane (Surr)  | 94        |           | 75 - 131 |          | 11/18/25 17:40 | 500     |
| Toluene-d8 (Surr)            | 97        |           | 80 - 120 |          | 11/18/25 17:40 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-17

Lab Sample ID: 860-116358-12

Date Collected: 11/12/25 13:36

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | 0.765   |           | 0.571 | 0.121  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 1,2-Dichlorobenzene          | 10.1    |           | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 1,3-Dichlorobenzene          | 1.46    |           | 0.571 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 1,4-Dichlorobenzene          | 15.6    |           | 0.571 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,4-Dichlorophenol           | 0.147   | J         | 0.571 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Methylnaphthalene          | 0.211   | J         | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Methylphenol               | 2.36    |           | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Nitrophenol                | 0.357   | J I       | 0.571 | 0.137  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 3 & 4 Methylphenol           | 1.48    |           | 0.571 | 0.0944 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Acenaphthene                 | 0.992   |           | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Aniline                      | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Benzo[g,h,i]perylene         | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Benzyl alcohol               | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Bis(2-chloroethyl)ether      | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Butyl benzyl phthalate       | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Chrysene                     | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Dibenz(a,h)anthracene        | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Dibenzofuran                 | 0.487   | J         | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Diethyl phthalate            | 0.242   | J I       | 1.14  | 0.187  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Dimethyl phthalate           | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Di-n-butyl phthalate         | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Di-n-octyl phthalate         | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Fluoranthene                 | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Fluorene                     | 0.213   | J         | 0.571 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Hexachlorobenzene            | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-17

Lab Sample ID: 860-116358-12

Date Collected: 11/12/25 13:36

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                             | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| <b>Hexachlorobutadiene</b>          | <b>0.186</b> | <b>J</b>  | 0.571 | 0.162  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Hexachlorocyclopentadiene           | <0.179       | U         | 1.14  | 0.179  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| <b>Hexachloroethane</b>             | <b>11.8</b>  |           | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103       | U         | 0.571 | 0.103  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Isophorone                          | <0.106       | U         | 0.571 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| <b>Naphthalene</b>                  | <b>2.30</b>  |           | 0.571 | 0.114  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Nitrobenzene                        | <0.152       | U         | 0.571 | 0.152  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147       | U         | 0.571 | 0.147  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosodiphenylamine              | <0.112       | U         | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Pentachlorophenol                   | <0.312       | U         | 0.571 | 0.312  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Phenanthrene                        | <0.107       | U         | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| <b>Phenol</b>                       | <b>1.08</b>  | <b>J</b>  | 1.14  | 0.506  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Pyrene                              | <0.129       | U         | 0.571 | 0.129  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Pyridine                            | <0.837       | U         | 2.86  | 0.837  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitro-o-toluidine                 | <0.651       | U         | 1.14  | 0.651  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254       | U         | 0.571 | 0.254  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Acetophenone                        | <0.138       | U         | 1.14  | 0.138  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosopiperidine                 | <0.631       | U         | 1.14  | 0.631  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Pentachlorobenzene                  | <0.125       | U         | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| <b>Diphenyl ether</b>               | <b>14.9</b>  |           | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| <b>1,1'-Biphenyl</b>                | <b>1.80</b>  |           | 0.571 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4-Aminobiphenyl                     | <0.195       | U         | 0.571 | 0.195  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| <b>1,2,4,5-Tetrachlorobenzene</b>   | <b>0.120</b> | <b>J</b>  | 0.571 | 0.115  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653       | U         | 1.14  | 0.653  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 1,3-Dinitrobenzene                  | <0.587       | U         | 1.14  | 0.587  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 1,4-Naphthoquinone                  | <0.0612      | U         | 0.571 | 0.0612 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 1-Naphthylamine                     | <0.269       | U         | 0.571 | 0.269  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2,6-Dichlorophenol                  | <0.0973      | U         | 0.571 | 0.0973 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Acetylaminofluorene               | <1.71        | U         | 2.86  | 1.71   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| <b>2-Chlorophenol</b>               | <b>1.04</b>  |           | 0.571 | 0.103  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Naphthylamine                     | <0.412       | U         | 0.571 | 0.412  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Picoline                          | <1.03        | U         | 1.14  | 1.03   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Toluidine                         | <0.424       | U         | 0.571 | 0.424  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650       | U         | 1.14  | 0.650  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295       | U         | 0.571 | 0.295  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 3-Methylcholanthrene                | <0.0881      | U         | 0.571 | 0.0881 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636       | U         | 1.14  | 0.636  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128       | U         | 0.571 | 0.128  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45        | U         | 5.71  | 1.45   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Aramite Peak 1                      | <0.184       | U         | 0.571 | 0.184  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Aramite Peak 2                      | <0.203       | U         | 0.571 | 0.203  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Aramite, Total                      | <0.184       | U         | 0.571 | 0.184  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Diallate                            | <0.0299      | U         | 0.571 | 0.0299 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Diallate Peak 1                     | <0.0748      | U         | 0.571 | 0.0748 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Diallate Peak 2                     | <0.0299      | U         | 0.571 | 0.0299 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Dimethoate                          | <0.499       | U **      | 2.86  | 0.499  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Dinoseb                             | <0.676       | U **      | 2.86  | 0.676  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Disulfoton                          | <2.15        | U **      | 2.86  | 2.15   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Ethyl methanesulfonate              | <0.185       | U         | 0.571 | 0.185  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-17

Lab Sample ID: 860-116358-12

Date Collected: 11/12/25 13:36

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                    | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Ethyl Parathion            | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Famphur                    | <0.259  | U         | 1.14  | 0.259  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Hexachloropropene          | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Isosafrole                 | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Isosafrole Peak 1          | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Isosafrole Peak 2          | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Methapyriline              | <1.52   | U **      | 2.29  | 1.52   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Methyl methanesulfonate    | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Methyl parathion           | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosodiethylamine      | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosodi-n-butylamine   | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosomethylethylamine  | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosomorpholine        | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| N-Nitrosopyrrolidine       | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| p-Dimethylamino azobenzene | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Pentachloronitrobenzene    | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Phenacetin                 | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Phorate                    | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| p-Phenylene diamine        | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Pronamide                  | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Safrole, Total             | <0.0920 | U         | 0.571 | 0.0920 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Sulfotepp                  | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Thionazin                  | <0.340  | U         | 1.14  | 0.340  | ug/L |   | 11/18/25 14:08 | 11/21/25 22:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 54        |           | 26 - 136 | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Fluorobiphenyl            | 34        | S1-       | 39 - 130 | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| 2-Fluorophenol (Surr)       | 14        | S1-       | 19 - 120 | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 51        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| Phenol-d5 (Surr)            | 9         |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 22:04 | 1       |
| p-Terphenyl-d14             | 38        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 22:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,4-Dioxane | 37.6   |           | 28.6 | 5.24 | ug/L |   | 11/18/25 14:08 | 11/21/25 22:34 | 50      |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 130       |           | 26 - 136 | 11/18/25 14:08 | 11/21/25 22:34 | 50      |
| 2-Fluorobiphenyl            | 46        |           | 39 - 130 | 11/18/25 14:08 | 11/21/25 22:34 | 50      |
| 2-Fluorophenol (Surr)       | 19        |           | 19 - 120 | 11/18/25 14:08 | 11/21/25 22:34 | 50      |
| Nitrobenzene-d5 (Surr)      | 51        |           | 32 - 133 | 11/18/25 14:08 | 11/21/25 22:34 | 50      |
| Phenol-d5 (Surr)            | 13        |           | 8 - 124  | 11/18/25 14:08 | 11/21/25 22:34 | 50      |
| p-Terphenyl-d14             | 50        |           | 28 - 130 | 11/18/25 14:08 | 11/21/25 22:34 | 50      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

| Analyte                          | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| o,o',o"-Triethylphosphorothioate | 1630   |           | 286 | 66.1 | ug/L |   | 11/18/25 14:08 | 11/21/25 23:04 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/18/25 14:08 | 11/21/25 23:04 | 500     |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/18/25 14:08 | 11/21/25 23:04 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

Client Sample ID: MW-17

Lab Sample ID: 860-116358-12

Date Collected: 11/12/25 13:36

Matrix: Water

Date Received: 11/13/25 09:32

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2 (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorophenol (Surr)  | 0         | S1-       | 19 - 120 | 11/18/25 14:08 | 11/21/25 23:04 | 500     |
| Nitrobenzene-d5 (Surr) | 0         | S1-       | 32 - 133 | 11/18/25 14:08 | 11/21/25 23:04 | 500     |
| Phenol-d5 (Surr)       | 0         | S1-       | 8 - 124  | 11/18/25 14:08 | 11/21/25 23:04 | 500     |
| p-Terphenyl-d14        | 0         | S1-       | 28 - 130 | 11/18/25 14:08 | 11/21/25 23:04 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159 | U         | 0.571 | 0.159 | ug/L |   | 11/18/25 14:08 | 12/03/25 20:31 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 55        |           | 26 - 136 | 11/18/25 14:08 | 12/03/25 20:31 | 1       |
| 2-Fluorobiphenyl            | 39        |           | 39 - 130 | 11/18/25 14:08 | 12/03/25 20:31 | 1       |
| 2-Fluorophenol (Surr)       | 18        | S1-       | 19 - 120 | 11/18/25 14:08 | 12/03/25 20:31 | 1       |
| Nitrobenzene-d5 (Surr)      | 38        |           | 32 - 133 | 11/18/25 14:08 | 12/03/25 20:31 | 1       |
| Phenol-d5 (Surr)            | 11        |           | 8 - 124  | 11/18/25 14:08 | 12/03/25 20:31 | 1       |
| p-Terphenyl-d14             | 37        |           | 28 - 130 | 11/18/25 14:08 | 12/03/25 20:31 | 1       |

## Method: SW846 8321A - Delnav (LC/MS)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 18:11 | 1       |

# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|---------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                     |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 560-129559-A-1 MS   | Matrix Spike           | 107                                            | 98              | 89               | 103             |
| 860-116358-1        | MW-04                  | 111                                            | 93              | 106              | 101             |
| 860-116358-2        | RB-01                  | 110                                            | 103             | 108              | 99              |
| 860-116358-3        | MW-16                  | 111                                            | 101             | 105              | 101             |
| 860-116358-4        | MW-13                  | 110                                            | 98              | 96               | 96              |
| 860-116358-5        | DUPE-01                | 110                                            | 97              | 96               | 94              |
| 860-116358-6        | MW-08                  | 109                                            | 96              | 91               | 97              |
| 860-116358-7        | TB-09                  | 111                                            | 108             | 108              | 111             |
| 860-116358-8        | MW-14                  | 109                                            | 98              | 97               | 101             |
| 860-116358-9        | MW-15                  | 108                                            | 94              | 106              | 101             |
| 860-116358-10       | MW-21                  | 108                                            | 95              | 94               | 96              |
| 860-116358-10 - DL2 | MW-21                  | 124                                            | 106             | 95               | 106             |
| 860-116358-11       | MW-23                  | 105                                            | 93              | 95               | 96              |
| 860-116358-12       | MW-17                  | 109                                            | 94              | 94               | 97              |
| 880-65015-I-18 MS   | Matrix Spike           | 104                                            | 106             | 106              | 102             |
| 880-65015-L-1 MS    | Matrix Spike           | 101                                            | 102             | 100              | 100             |
| LCS 860-276492/3    | Lab Control Sample     | 100                                            | 101             | 100              | 99              |
| LCS 860-276713/3    | Lab Control Sample     | 113                                            | 102             | 93               | 102             |
| LCS 860-276785/3    | Lab Control Sample     | 103                                            | 106             | 106              | 105             |
| LCSD 860-276492/4   | Lab Control Sample Dup | 100                                            | 100             | 101              | 101             |
| LCSD 860-276713/4   | Lab Control Sample Dup | 112                                            | 101             | 94               | 102             |
| LCSD 860-276785/4   | Lab Control Sample Dup | 106                                            | 104             | 103              | 103             |
| MB 860-276492/9     | Method Blank           | 111                                            | 103             | 105              | 99              |
| MB 860-276713/7     | Method Blank           | 118                                            | 109             | 95               | 106             |
| MB 860-276785/9     | Method Blank           | 103                                            | 106             | 97               | 103             |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|---------------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                     |                  | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116358-1        | MW-04            | 71                                             | 53              | 37              | 65              | 24             | 60                 |
| 860-116358-1 - DL2  | MW-04            | 152 S1+                                        | 166 S1+         | 105             | 173 S1+         | 94             | 184 S1+            |
| 860-116358-1 - RE   | MW-04            | 88                                             | 70              | 40              | 88              | 30             | 60                 |
| 860-116358-1 - RA   | MW-04            | 80                                             | 55              | 39              | 68              | 23             | 62                 |
| 860-116358-2        | RB-01            | 55                                             | 63              | 39              | 82              | 27             | 73                 |
| 860-116358-2 - RE   | RB-01            | 61                                             | 64              | 36              | 78              | 23             | 71                 |
| 860-116358-2 - RA   | RB-01            | 74                                             | 72              | 40              | 75              | 28             | 80                 |
| 860-116358-3        | MW-16            | 88                                             | 59              | 42              | 79              | 23             | 65                 |
| 860-116358-3 - DL   | MW-16            | 0 S1-                                          | 0 S1-           | 178 S1+         | 133             | 0 S1-          | 1071 S1+           |
| 860-116358-3 - RE   | MW-16            | 87                                             | 69              | 39              | 87              | 25             | 74                 |
| 860-116358-3 - REDL | MW-16            | 83                                             | 68              | 74              | 95              | 66             | 99                 |
| 860-116358-4        | MW-13            | 100                                            | 64              | 39              | 92              | 21             | 76                 |

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# Surrogate Summary

Client: Arcadis US Inc.

Job ID: 860-116358-1

Project/Site: Hercules Hattiesburg, MS

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|---------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                     |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116358-4 - DL   | MW-13                  | 0 S1-                                          | 282 S1+         | 183 S1+         | 117             | 49             | 844 S1+            |
| 860-116358-4 - RE   | MW-13                  | 89                                             | 66              | 32              | 87              | 20             | 67                 |
| 860-116358-4 - REDL | MW-13                  | 22 S1-                                         | 63              | 41              | 89              | 18             | 62                 |
| 860-116358-5        | DUPE-01                | 98                                             | 60              | 47              | 90              | 29             | 73                 |
| 860-116358-5 - DL   | DUPE-01                | 0 S1-                                          | 0 S1-           | 150 S1+         | 0 S1-           | 44             | 850 S1+            |
| 860-116358-5 - RE   | DUPE-01                | 89                                             | 66              | 36              | 87              | 24             | 65                 |
| 860-116358-5 - REDL | DUPE-01                | 51                                             | 56              | 39              | 70              | 27             | 63                 |
| 860-116358-6        | MW-08                  | 97                                             | 62              | 36              | 88              | 19             | 63                 |
| 860-116358-6 - DL   | MW-08                  | 0 S1-                                          | 296 S1+         | 200 S1+         | 221 S1+         | 0 S1-          | 937 S1+            |
| 860-116358-6 - RE   | MW-08                  | 85                                             | 64              | 32              | 86              | 20             | 66                 |
| 860-116358-6 - REDL | MW-08                  | 59                                             | 105             | 59              | 105             | 23             | 55                 |
| 860-116358-8        | MW-14                  | 97                                             | 62              | 40              | 91              | 25             | 61                 |
| 860-116358-8 - DL2  | MW-14                  | 238 S1+                                        | 226 S1+         | 136 S1+         | 245 S1+         | 93             | 242 S1+            |
| 860-116358-8 - RE   | MW-14                  | 88                                             | 66              | 41              | 86              | 31             | 60                 |
| 860-116358-8 - REDL | MW-14                  | 73                                             | 97              | 74              | 112             | 45             | 76                 |
| 860-116358-9        | MW-15                  | 98                                             | 57              | 37              | 85              | 22             | 62                 |
| 860-116358-9 - DL   | MW-15                  | 0 S1-                                          | 259 S1+         | 207 S1+         | 235 S1+         | 0 S1-          | 834 S1+            |
| 860-116358-9 - RE   | MW-15                  | 89                                             | 69              | 35              | 88              | 22             | 65                 |
| 860-116358-9 - REDL | MW-15                  | 58                                             | 57              | 39              | 78              | 19             | 52                 |
| 860-116358-10 - DL  | MW-21                  | 134                                            | 62              | 25              | 51              | 18             | 61                 |
| 860-116358-10 - DL2 | MW-21                  | 0 S1-                                          | 83              | 55              | 58              | 38             | 60                 |
| 860-116358-10       | MW-21                  | 59                                             | 37 S1-          | 13 S1-          | 48              | 10             | 39                 |
| 860-116358-10 - RA  | MW-21                  | 50                                             | 33 S1-          | 17 S1-          | 41              | 10             | 40                 |
| 860-116358-11       | MW-23                  | 53                                             | 35 S1-          | 18 S1-          | 46              | 14             | 38                 |
| 860-116358-11 - DL  | MW-23                  | 117                                            | 48              | 27              | 54              | 18             | 52                 |
| 860-116358-11 - DL2 | MW-23                  | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 57                 |
| 860-116358-11 - RA  | MW-23                  | 49                                             | 32 S1-          | 20              | 40              | 14             | 37                 |
| 860-116358-12       | MW-17                  | 54                                             | 34 S1-          | 14 S1-          | 51              | 9              | 38                 |
| 860-116358-12 - DL  | MW-17                  | 130                                            | 46              | 19              | 51              | 13             | 50                 |
| 860-116358-12 - DL2 | MW-17                  | 0 S1-                                          | 0 S1-           | 0 S1-           | 0 S1-           | 0 S1-          | 0 S1-              |
| 860-116358-12 - RA  | MW-17                  | 55                                             | 39              | 18 S1-          | 38              | 11             | 37                 |
| LCS 860-275669/2-A  | Lab Control Sample     | 60                                             | 55              | 65              | 63              | 59             | 57                 |
| LCS 860-275669/4-A  | Lab Control Sample     | 61                                             | 53              | 61              | 68              | 58             | 55                 |
| LCS 860-276655/2-A  | Lab Control Sample     | 84                                             | 74              | 79              | 97              | 78             | 78                 |
| LCS 860-276655/4-A  | Lab Control Sample     | 69                                             | 67              | 69              | 87              | 70             | 67                 |
| LCS 860-279016/2-A  | Lab Control Sample     | 66                                             | 63              | 65              | 65              | 64             | 71                 |
| LCS 860-279016/4-A  | Lab Control Sample     | 61                                             | 59              | 59              | 58              | 56             | 65                 |
| LCSD 860-275669/3-A | Lab Control Sample Dup | 58                                             | 54              | 63              | 65              | 56             | 56                 |
| LCSD 860-275669/5-A | Lab Control Sample Dup | 65                                             | 55              | 61              | 69              | 58             | 55                 |
| LCSD 860-276655/3-A | Lab Control Sample Dup | 84                                             | 73              | 80              | 92              | 77             | 77                 |
| LCSD 860-276655/5-A | Lab Control Sample Dup | 72                                             | 67              | 72              | 85              | 75             | 69                 |
| LCSD 860-279016/3-A | Lab Control Sample Dup | 69                                             | 66              | 67              | 66              | 64             | 74                 |
| LCSD 860-279016/5-A | Lab Control Sample Dup | 61                                             | 59              | 64              | 63              | 62             | 66                 |
| MB 860-275669/1-A   | Method Blank           | 54                                             | 56              | 69              | 60              | 59             | 59                 |
| MB 860-276655/1-A   | Method Blank           | 80                                             | 73              | 81              | 89              | 77             | 76                 |
| MB 860-279016/1-A   | Method Blank           | 62                                             | 58              | 64              | 61              | 60             | 67                 |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

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## Surrogate Summary

Client: Arcadis US Inc.

Project/Site: Hercules Hattiesburg, MS

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14

Job ID: 860-116358-1

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-276492/9

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/18/25 10:29 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/18/25 10:29 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/18/25 10:29 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/18/25 10:29 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/18/25 10:29 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/18/25 10:29 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/18/25 10:29 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/18/25 10:29 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/18/25 10:29 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/18/25 10:29 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276492/9

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/18/25 10:29 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/18/25 10:29 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/18/25 10:29 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/18/25 10:29 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/18/25 10:29 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/18/25 10:29 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/18/25 10:29 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/18/25 10:29 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/18/25 10:29 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/18/25 10:29 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/18/25 10:29 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/18/25 10:29 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111          |              | 63 - 144 |          | 11/18/25 10:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103          |              | 74 - 124 |          | 11/18/25 10:29 | 1       |
| Dibromofluoromethane (Surr)  | 105          |              | 75 - 131 |          | 11/18/25 10:29 | 1       |
| Toluene-d8 (Surr)            | 99           |              | 80 - 120 |          | 11/18/25 10:29 | 1       |

Lab Sample ID: LCS 860-276492/3

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 44.20      |               | ug/L |   | 88   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 45.11      |               | ug/L |   | 90   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.32      |               | ug/L |   | 91   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 47.21      |               | ug/L |   | 94   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 45.88      |               | ug/L |   | 92   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 45.94      |               | ug/L |   | 92   | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 44.65      |               | ug/L |   | 89   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 44.25      |               | ug/L |   | 88   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 48.21      |               | ug/L |   | 96   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 47.79      |               | ug/L |   | 96   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 46.17      |               | ug/L |   | 92   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 45.68      |               | ug/L |   | 91   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 44.96      |               | ug/L |   | 90   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 47.86      |               | ug/L |   | 96   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 48.06      |               | ug/L |   | 96   | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276492/3

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 48.72      |               | ug/L |   | 97   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 244.6      |               | ug/L |   | 98   | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 236.8      |               | ug/L |   | 95   | 60 - 140    |
| 2-Propanol                       | 500         | 467.0      |               | ug/L |   | 93   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 45.91      |               | ug/L |   | 92   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 240.0      |               | ug/L |   | 96   | 60 - 140    |
| Acetone                          | 250         | 220.1      |               | ug/L |   | 88   | 60 - 140    |
| Acetonitrile                     | 500         | 471.2      |               | ug/L |   | 94   | 60 - 140    |
| Acrolein                         | 250         | 234.4      |               | ug/L |   | 94   | 60 - 140    |
| Acrylonitrile                    | 500         | 480.4      |               | ug/L |   | 96   | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 47.66      |               | ug/L |   | 95   | 70 - 130    |
| Benzene                          | 50.0        | 44.19      |               | ug/L |   | 88   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 45.32      |               | ug/L |   | 91   | 65 - 135    |
| Bromoform                        | 50.0        | 44.91      |               | ug/L |   | 90   | 70 - 130    |
| Bromomethane                     | 50.0        | 49.33      |               | ug/L |   | 99   | 49 - 140    |
| Carbon disulfide                 | 50.0        | 43.86      |               | ug/L |   | 88   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 45.99      |               | ug/L |   | 92   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 43.79      |               | ug/L |   | 88   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 45.00      |               | ug/L |   | 90   | 70 - 130    |
| Chloroethane                     | 50.0        | 47.77      |               | ug/L |   | 96   | 60 - 140    |
| Chloroform                       | 50.0        | 43.19      |               | ug/L |   | 86   | 70 - 130    |
| Chloromethane                    | 50.0        | 44.86      |               | ug/L |   | 90   | 60 - 140    |
| Chloroprene                      | 50.0        | 45.07      |               | ug/L |   | 90   | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 45.74      |               | ug/L |   | 91   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 46.71      |               | ug/L |   | 93   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 46.67      |               | ug/L |   | 93   | 70 - 130    |
| Cyclohexane                      | 50.0        | 48.58      |               | ug/L |   | 97   | 65 - 130    |
| Dibromomethane                   | 50.0        | 46.62      |               | ug/L |   | 93   | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 46.42      |               | ug/L |   | 93   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 46.69      |               | ug/L |   | 93   | 70 - 130    |
| Ethylbenzene                     | 50.0        | 45.02      |               | ug/L |   | 90   | 70 - 130    |
| Hexane                           | 50.0        | 48.38      |               | ug/L |   | 97   | 65 - 140    |
| Iodomethane                      | 50.0        | 44.32      |               | ug/L |   | 89   | 50 - 150    |
| Isobutanol                       | 1240        | 1141       |               | ug/L |   | 92   | 60 - 140    |
| Methacrylonitrile                | 500         | 485.8      |               | ug/L |   | 97   | 70 - 130    |
| Methyl methacrylate              | 100         | 96.32      |               | ug/L |   | 96   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 47.12      |               | ug/L |   | 94   | 70 - 135    |
| Methylene Chloride               | 50.0        | 42.26      |               | ug/L |   | 85   | 71 - 125    |
| Propionitrile                    | 500         | 476.0      |               | ug/L |   | 95   | 70 - 130    |
| Propylbenzene                    | 50.0        | 47.20      |               | ug/L |   | 94   | 70 - 130    |
| Styrene                          | 50.0        | 46.43      |               | ug/L |   | 93   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 44.25      |               | ug/L |   | 88   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 95.20      |               | ug/L |   | 95   | 63 - 130    |
| Toluene                          | 50.0        | 43.91      |               | ug/L |   | 88   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 44.66      |               | ug/L |   | 89   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 45.74      |               | ug/L |   | 91   | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 50.13      |               | ug/L |   | 100  | 70 - 130    |
| Trichloroethene                  | 50.0        | 45.48      |               | ug/L |   | 91   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 50.03      |               | ug/L |   | 100  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276492/3

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 240.1      |               | ug/L |   | 96   | 50 - 150    |
| Vinyl chloride | 50.0        | 47.22      |               | ug/L |   | 94   | 60 - 140    |
| Xylenes, Total | 100         | 91.54      |               | ug/L |   | 92   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04580    |               | mg/L |   | 92   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04574    |               | mg/L |   | 91   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 101           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 99            |               | 80 - 120 |

Lab Sample ID: LCSD 860-276492/4

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 47.66       |                | ug/L |   | 95   | 70 - 130    | 8   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 49.43       |                | ug/L |   | 99   | 70 - 130    | 9   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 45.58       |                | ug/L |   | 91   | 70 - 130    | 1   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 50.80       |                | ug/L |   | 102  | 60 - 140    | 7   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 47.65       |                | ug/L |   | 95   | 70 - 130    | 4   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 49.50       |                | ug/L |   | 99   | 70 - 130    | 7   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 49.60       |                | ug/L |   | 99   | 67 - 130    | 10  | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 44.35       |                | ug/L |   | 89   | 70 - 130    | 0   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 51.12       |                | ug/L |   | 102  | 70 - 130    | 6   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 46.17       |                | ug/L |   | 92   | 59 - 130    | 3   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 47.80       |                | ug/L |   | 96   | 70 - 130    | 3   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 46.42       |                | ug/L |   | 93   | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 48.20       |                | ug/L |   | 96   | 70 - 130    | 7   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 50.21       |                | ug/L |   | 100  | 70 - 130    | 5   | 25        |
| 1,3-Butadiene                         | 50.0        | 49.01       |                | ug/L |   | 98   | 60 - 150    | 2   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 49.79       |                | ug/L |   | 100  | 70 - 130    | 2   | 25        |
| 2-Butanone (MEK)                      | 250         | 232.5       |                | ug/L |   | 93   | 67 - 140    | 5   | 25        |
| 2-Hexanone (MBK)                      | 250         | 234.8       |                | ug/L |   | 94   | 60 - 140    | 1   | 25        |
| 2-Propanol                            | 500         | 458.4       |                | ug/L |   | 92   | 50 - 150    | 2   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 52.31       |                | ug/L |   | 105  | 60 - 130    | 13  | 25        |
| 4-Methyl-2-pentanone                  | 250         | 236.9       |                | ug/L |   | 95   | 60 - 140    | 1   | 25        |
| Acetone                               | 250         | 199.7       |                | ug/L |   | 80   | 60 - 140    | 10  | 25        |
| Acetonitrile                          | 500         | 474.6       |                | ug/L |   | 95   | 60 - 140    | 1   | 25        |
| Acrolein                              | 250         | 230.7       |                | ug/L |   | 92   | 60 - 140    | 2   | 25        |
| Acrylonitrile                         | 500         | 468.1       |                | ug/L |   | 94   | 60 - 140    | 3   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 46.61       |                | ug/L |   | 93   | 70 - 130    | 2   | 25        |
| Benzene                               | 50.0        | 48.20       |                | ug/L |   | 96   | 70 - 130    | 9   | 25        |
| Bromodichloromethane                  | 50.0        | 48.10       |                | ug/L |   | 96   | 65 - 135    | 6   | 25        |
| Bromoform                             | 50.0        | 46.74       |                | ug/L |   | 93   | 70 - 130    | 4   | 25        |
| Bromomethane                          | 50.0        | 52.27       |                | ug/L |   | 105  | 49 - 140    | 6   | 25        |
| Carbon disulfide                      | 50.0        | 48.47       |                | ug/L |   | 97   | 60 - 130    | 10  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276492/4

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 50.58       |                | ug/L |   | 101  | 70 - 130    | 10  | 25        |
| Chlorobenzene               | 50.0        | 47.92       |                | ug/L |   | 96   | 65 - 135    | 9   | 25        |
| Chlorodibromomethane        | 50.0        | 47.71       |                | ug/L |   | 95   | 70 - 130    | 6   | 25        |
| Chloroethane                | 50.0        | 51.56       |                | ug/L |   | 103  | 60 - 140    | 8   | 25        |
| Chloroform                  | 50.0        | 47.27       |                | ug/L |   | 95   | 70 - 130    | 9   | 25        |
| Chloromethane               | 50.0        | 48.51       |                | ug/L |   | 97   | 60 - 140    | 8   | 25        |
| Chloroprene                 | 50.0        | 50.27       |                | ug/L |   | 101  | 70 - 130    | 11  | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 49.39       |                | ug/L |   | 99   | 70 - 130    | 8   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 48.19       |                | ug/L |   | 96   | 70 - 130    | 3   | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 51.30       |                | ug/L |   | 103  | 70 - 130    | 9   | 25        |
| Cyclohexane                 | 50.0        | 51.79       |                | ug/L |   | 104  | 65 - 130    | 6   | 25        |
| Dibromomethane              | 50.0        | 47.46       |                | ug/L |   | 95   | 69 - 130    | 2   | 25        |
| Dichlorodifluoromethane     | 50.0        | 48.11       |                | ug/L |   | 96   | 50 - 150    | 4   | 25        |
| Ethyl methacrylate          | 50.0        | 48.79       |                | ug/L |   | 98   | 70 - 130    | 4   | 25        |
| Ethylbenzene                | 50.0        | 49.81       |                | ug/L |   | 100  | 70 - 130    | 10  | 25        |
| Hexane                      | 50.0        | 50.22       |                | ug/L |   | 100  | 65 - 140    | 4   | 25        |
| Iodomethane                 | 50.0        | 50.68       |                | ug/L |   | 101  | 50 - 150    | 13  | 25        |
| Isobutanol                  | 1240        | 1102        |                | ug/L |   | 89   | 60 - 140    | 4   | 25        |
| Methacrylonitrile           | 500         | 481.8       |                | ug/L |   | 96   | 70 - 130    | 1   | 25        |
| Methyl methacrylate         | 100         | 96.73       |                | ug/L |   | 97   | 70 - 130    | 0   | 25        |
| Methyl tert-butyl ether     | 50.0        | 48.04       |                | ug/L |   | 96   | 70 - 135    | 2   | 25        |
| Methylene Chloride          | 50.0        | 44.02       |                | ug/L |   | 88   | 71 - 125    | 4   | 25        |
| Propionitrile               | 500         | 457.8       |                | ug/L |   | 92   | 70 - 130    | 4   | 25        |
| Propylbenzene               | 50.0        | 49.90       |                | ug/L |   | 100  | 70 - 130    | 6   | 25        |
| Styrene                     | 50.0        | 51.76       |                | ug/L |   | 104  | 70 - 130    | 11  | 25        |
| Tetrachloroethene           | 50.0        | 48.98       |                | ug/L |   | 98   | 70 - 130    | 10  | 25        |
| Tetrahydrofuran             | 100         | 98.89       |                | ug/L |   | 99   | 63 - 130    | 4   | 25        |
| Toluene                     | 50.0        | 48.75       |                | ug/L |   | 98   | 70 - 130    | 10  | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 49.47       |                | ug/L |   | 99   | 70 - 130    | 10  | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 49.05       |                | ug/L |   | 98   | 70 - 130    | 7   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 49.40       |                | ug/L |   | 99   | 70 - 130    | 1   | 25        |
| Trichloroethene             | 50.0        | 49.37       |                | ug/L |   | 99   | 70 - 135    | 8   | 25        |
| Trichlorofluoromethane      | 50.0        | 52.71       |                | ug/L |   | 105  | 60 - 140    | 5   | 25        |
| Vinyl acetate               | 250         | 244.3       |                | ug/L |   | 98   | 50 - 150    | 2   | 25        |
| Vinyl chloride              | 50.0        | 50.69       |                | ug/L |   | 101  | 60 - 140    | 7   | 25        |
| Xylenes, Total              | 100         | 101.2       |                | ug/L |   | 101  | 70 - 130    | 10  | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05052     |                | mg/L |   | 101  | 70 - 130    | 10  | 25        |
| o-Xylene                    | 0.0500      | 0.05067     |                | mg/L |   | 101  | 70 - 130    | 10  | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 100            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 101            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 880-65015-L-1 MS

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 50.0        | 50.98     |              | ug/L |   | 102  | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 50.0        | 52.28     |              | ug/L |   | 105  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | <0.470        | U                | 50.0        | 51.68     |              | ug/L |   | 103  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 50.0        | 51.33     |              | ug/L |   | 103  | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 50.93     |              | ug/L |   | 102  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 49.86     |              | ug/L |   | 100  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 50.0        | 51.67     |              | ug/L |   | 103  | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 51.33     |              | ug/L |   | 103  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 53.20     |              | ug/L |   | 106  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 50.0        | 56.56     |              | ug/L |   | 113  | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 51.27     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 51.28     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 50.74     |              | ug/L |   | 101  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 51.54     |              | ug/L |   | 103  | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 50.0        | 48.53     |              | ug/L |   | 97   | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U                | 50.0        | 49.80     |              | ug/L |   | 100  | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U                | 250         | 261.2     |              | ug/L |   | 104  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 259.4     |              | ug/L |   | 104  | 60 - 140    |
| 2-Propanol                            | <5.23         | U                | 500         | 513.8     |              | ug/L |   | 103  | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U                | 50.0        | 52.45     |              | ug/L |   | 105  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 273.3     |              | ug/L |   | 109  | 60 - 140    |
| Acetone                               | <3.07         | U                | 250         | 199.7     |              | ug/L |   | 80   | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 563.1     |              | ug/L |   | 113  | 60 - 140    |
| Acrolein                              | <11.1         | U                | 250         | 274.5     |              | ug/L |   | 110  | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 533.4     |              | ug/L |   | 107  | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U                | 50.0        | 56.05     |              | ug/L |   | 112  | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 49.74     |              | ug/L |   | 99   | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 51.29     |              | ug/L |   | 103  | 65 - 135    |
| Bromoform                             | <0.633        | U                | 50.0        | 52.50     |              | ug/L |   | 105  | 70 - 130    |
| Bromomethane                          | <1.42         | U                | 50.0        | 43.59     |              | ug/L |   | 87   | 49 - 140    |
| Carbon disulfide                      | <1.65         | U                | 50.0        | 48.02     |              | ug/L |   | 96   | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U                | 50.0        | 53.18     |              | ug/L |   | 106  | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 49.68     |              | ug/L |   | 99   | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 51.81     |              | ug/L |   | 104  | 70 - 130    |
| Chloroethane                          | <1.98         | U                | 50.0        | 50.15     |              | ug/L |   | 100  | 60 - 140    |
| Chloroform                            | <0.464        | U                | 50.0        | 50.66     |              | ug/L |   | 101  | 70 - 130    |
| Chloromethane                         | <2.04         | U                | 50.0        | 46.31     |              | ug/L |   | 93   | 60 - 140    |
| Chloroprene                           | <0.598        | U                | 50.0        | 52.49     |              | ug/L |   | 105  | 70 - 130    |
| cis-1,2-Dichloroethene                | <0.457        | U                | 50.0        | 52.79     |              | ug/L |   | 106  | 70 - 130    |
| cis-1,3-Dichloropropene               | <1.07         | U                | 50.0        | 52.90     |              | ug/L |   | 106  | 70 - 130    |
| Cumene (isopropylbenzene)             | <0.592        | U                | 50.0        | 52.60     |              | ug/L |   | 105  | 70 - 130    |
| Cyclohexane                           | <1.29         | U                | 50.0        | 53.32     |              | ug/L |   | 107  | 65 - 130    |
| Dibromomethane                        | <0.357        | U                | 50.0        | 51.54     |              | ug/L |   | 103  | 69 - 130    |
| Dichlorodifluoromethane               | <0.785        | U                | 50.0        | 45.74     |              | ug/L |   | 91   | 50 - 150    |
| Ethyl methacrylate                    | <1.12         | U                | 50.0        | 54.68     |              | ug/L |   | 109  | 70 - 130    |
| Ethylbenzene                          | <0.385        | U                | 50.0        | 51.30     |              | ug/L |   | 103  | 70 - 130    |
| Hexane                                | <0.517        | U                | 50.0        | 48.17     |              | ug/L |   | 96   | 65 - 140    |
| Iodomethane                           | <5.00         | U                | 50.0        | 49.53     |              | ug/L |   | 99   | 50 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 880-65015-L-1 MS

Matrix: Water

Analysis Batch: 276492

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Isobutanol                  | <17.1         | U                | 1240        | 1401      |              | ug/L |   | 113  | 60 - 140    |
| Methacrylonitrile           | <2.72         | U                | 500         | 554.0     |              | ug/L |   | 111  | 70 - 130    |
| Methyl methacrylate         | <2.25         | U                | 100         | 109.1     |              | ug/L |   | 109  | 70 - 130    |
| Methyl tert-butyl ether     | <1.39         | U                | 50.0        | 54.46     |              | ug/L |   | 109  | 70 - 135    |
| Methylene Chloride          | <1.73         | U                | 50.0        | 47.80     |              | ug/L |   | 96   | 71 - 125    |
| Propionitrile               | <3.34         | U                | 500         | 547.7     |              | ug/L |   | 110  | 70 - 130    |
| Propylbenzene               | <0.429        | U                | 50.0        | 51.89     |              | ug/L |   | 104  | 70 - 130    |
| Styrene                     | <0.619        | U                | 50.0        | 53.47     |              | ug/L |   | 107  | 70 - 130    |
| Tetrachloroethene           | <0.655        | U                | 50.0        | 49.32     |              | ug/L |   | 99   | 70 - 130    |
| Tetrahydrofuran             | <1.83         | U                | 100         | 112.9     |              | ug/L |   | 113  | 63 - 130    |
| Toluene                     | <0.475        | U                | 50.0        | 50.32     |              | ug/L |   | 101  | 70 - 130    |
| trans-1,2-Dichloroethene    | <0.368        | U                | 50.0        | 49.82     |              | ug/L |   | 100  | 70 - 130    |
| trans-1,3-Dichloropropene   | <1.27         | U                | 50.0        | 52.95     |              | ug/L |   | 106  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <1.35         | U                | 50.0        | 57.42     |              | ug/L |   | 115  | 70 - 130    |
| Trichloroethene             | <1.50         | U                | 50.0        | 50.91     |              | ug/L |   | 102  | 70 - 135    |
| Trichlorofluoromethane      | <0.560        | U                | 50.0        | 51.86     |              | ug/L |   | 104  | 60 - 140    |
| Vinyl acetate               | <2.14         | U                | 250         | 277.1     |              | ug/L |   | 111  | 50 - 150    |
| Vinyl chloride              | <0.428        | U                | 50.0        | 47.75     |              | ug/L |   | 95   | 60 - 140    |
| Xylenes, Total              | <1.24         | U                | 100         | 104.4     |              | ug/L |   | 104  | 70 - 130    |
| m,p-Xylenes                 | <0.00124      | U                | 0.0500      | 0.05209   |              | mg/L |   | 104  | 70 - 130    |
| o-Xylene                    | <0.000502     | U                | 0.0500      | 0.05226   |              | mg/L |   | 105  | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 102          |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 100          |              | 75 - 131 |
| Toluene-d8 (Surr)            | 100          |              | 80 - 120 |

Lab Sample ID: MB 860-276713/7

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/19/25 03:01 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276713/7

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                          | MB     | MB        | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
|                                  | Result | Qualifier |      |       |      |   |          |                |         |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 03:01 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 03:01 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 03:01 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 03:01 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 03:01 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/19/25 03:01 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/19/25 03:01 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/19/25 03:01 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/19/25 03:01 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/19/25 03:01 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/19/25 03:01 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/19/25 03:01 | 1       |
| Trichlorofluoromethane           | <0.560 | U         | 1.00 | 0.560 | ug/L |   |          | 11/19/25 03:01 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276713/7

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Vinyl acetate  | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/19/25 03:01 | 1       |
| Vinyl chloride | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/19/25 03:01 | 1       |
| Xylenes, Total | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/19/25 03:01 | 1       |
| m,p-Xylenes    | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 03:01 | 1       |
| o-Xylene       | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 03:01 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 118          |              | 63 - 144 |          | 11/19/25 03:01 | 1       |
| 4-Bromofluorobenzene (Surr)  | 109          |              | 74 - 124 |          | 11/19/25 03:01 | 1       |
| Dibromofluoromethane (Surr)  | 95           |              | 75 - 131 |          | 11/19/25 03:01 | 1       |
| Toluene-d8 (Surr)            | 106          |              | 80 - 120 |          | 11/19/25 03:01 | 1       |

Lab Sample ID: LCS 860-276713/3

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1-Trichloroethane                 | 50.0        | 42.41      |               | ug/L |   | 85   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 35.11      |               | ug/L |   | 70   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 45.15      |               | ug/L |   | 90   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 43.48      |               | ug/L |   | 87   | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 40.88      |               | ug/L |   | 82   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 43.24      |               | ug/L |   | 86   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 41.49      |               | ug/L |   | 83   | 70 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 45.63      |               | ug/L |   | 91   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 45.73      |               | ug/L |   | 91   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 46.88      |               | ug/L |   | 94   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 45.62      |               | ug/L |   | 91   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 48.19      |               | ug/L |   | 96   | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 39.34      |               | ug/L |   | 79   | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 284.9      |               | ug/L |   | 114  | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 263.9      |               | ug/L |   | 106  | 60 - 140    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 47.45      |               | ug/L |   | 95   | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 262.0      |               | ug/L |   | 105  | 60 - 140    |
| Acetone                               | 250         | 304.9      |               | ug/L |   | 122  | 60 - 140    |
| Acetonitrile                          | 500         | 451.1      |               | ug/L |   | 90   | 60 - 140    |
| Acrolein                              | 250         | 277.4      |               | ug/L |   | 111  | 60 - 140    |
| Acrylonitrile                         | 500         | 483.0      |               | ug/L |   | 97   | 60 - 140    |
| Benzene                               | 50.0        | 41.87      |               | ug/L |   | 84   | 70 - 130    |
| Bromodichloromethane                  | 50.0        | 42.29      |               | ug/L |   | 85   | 65 - 135    |
| Bromomethane                          | 50.0        | 49.72      |               | ug/L |   | 99   | 49 - 140    |
| Carbon disulfide                      | 50.0        | 38.08      |               | ug/L |   | 76   | 60 - 130    |
| Carbon tetrachloride                  | 50.0        | 37.26      |               | ug/L |   | 75   | 70 - 130    |
| Chlorobenzene                         | 50.0        | 40.48      |               | ug/L |   | 81   | 65 - 135    |
| Chlorodibromomethane                  | 50.0        | 35.39      |               | ug/L |   | 71   | 70 - 130    |
| Chloroethane                          | 50.0        | 64.30      |               | ug/L |   | 129  | 60 - 140    |
| Chloroform                            | 50.0        | 42.43      |               | ug/L |   | 85   | 70 - 130    |
| Chloromethane                         | 50.0        | 54.11      |               | ug/L |   | 108  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276713/3

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Chloroprene                 | 50.0        | 54.87      |               | ug/L |   | 110  | 70 - 130    |
| cis-1,2-Dichloroethene      | 50.0        | 47.68      |               | ug/L |   | 95   | 70 - 130    |
| cis-1,3-Dichloropropene     | 50.0        | 43.54      |               | ug/L |   | 87   | 70 - 130    |
| Cumene (isopropylbenzene)   | 50.0        | 43.00      |               | ug/L |   | 86   | 70 - 130    |
| Cyclohexane                 | 50.0        | 40.60      |               | ug/L |   | 81   | 65 - 130    |
| Dibromomethane              | 50.0        | 47.67      |               | ug/L |   | 95   | 69 - 130    |
| Ethyl methacrylate          | 50.0        | 62.66      |               | ug/L |   | 125  | 70 - 130    |
| Ethylbenzene                | 50.0        | 44.56      |               | ug/L |   | 89   | 70 - 130    |
| Hexane                      | 50.0        | 40.84      |               | ug/L |   | 82   | 65 - 140    |
| Isobutanol                  | 1240        | 1254       |               | ug/L |   | 101  | 60 - 140    |
| Methacrylonitrile           | 500         | 512.7      |               | ug/L |   | 103  | 70 - 130    |
| Methyl methacrylate         | 100         | 97.16      |               | ug/L |   | 97   | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 44.91      |               | ug/L |   | 90   | 70 - 135    |
| Methylene Chloride          | 50.0        | 43.38      |               | ug/L |   | 87   | 71 - 125    |
| Propionitrile               | 500         | 489.1      |               | ug/L |   | 98   | 70 - 130    |
| Propylbenzene               | 50.0        | 43.96      |               | ug/L |   | 88   | 70 - 130    |
| Styrene                     | 50.0        | 42.23      |               | ug/L |   | 84   | 70 - 130    |
| Tetrachloroethene           | 50.0        | 39.87      |               | ug/L |   | 80   | 70 - 130    |
| Tetrahydrofuran             | 100         | 109.8      |               | ug/L |   | 110  | 63 - 130    |
| Toluene                     | 50.0        | 41.51      |               | ug/L |   | 83   | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 41.01      |               | ug/L |   | 82   | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 50.84      |               | ug/L |   | 102  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 43.88      |               | ug/L |   | 88   | 70 - 130    |
| Trichloroethene             | 50.0        | 40.03      |               | ug/L |   | 80   | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 36.79      |               | ug/L |   | 74   | 60 - 140    |
| Vinyl chloride              | 50.0        | 42.84      |               | ug/L |   | 86   | 60 - 140    |
| Xylenes, Total              | 100         | 93.49      |               | ug/L |   | 93   | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.04639    |               | mg/L |   | 93   | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.04710    |               | mg/L |   | 94   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 113           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 102           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 93            |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276713/4

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane                 | 50.0        | 44.80       |                | ug/L |   | 90   | 70 - 130    | 5   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 36.57       |                | ug/L |   | 73   | 60 - 140    | 4   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 46.51       |                | ug/L |   | 93   | 70 - 130    | 3   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 46.23       |                | ug/L |   | 92   | 70 - 130    | 6   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 44.94       |                | ug/L |   | 90   | 67 - 130    | 9   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 44.29       |                | ug/L |   | 89   | 70 - 130    | 2   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 43.08       |                | ug/L |   | 86   | 70 - 130    | 4   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276713/4

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2-Dibromoethane                | 50.0        | 47.14       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| 1,2-Dichloroethane               | 50.0        | 46.73       |                | ug/L |   | 93   | 70 - 130    | 2   | 25        |
| 1,2-Dichloropropane              | 50.0        | 49.72       |                | ug/L |   | 99   | 70 - 130    | 6   | 25        |
| 1,3,5-Trimethylbenzene           | 50.0        | 47.10       |                | ug/L |   | 94   | 70 - 130    | 3   | 25        |
| 1,3-Butadiene                    | 50.0        | 47.60       |                | ug/L |   | 95   | 60 - 150    | 1   | 25        |
| 2,2,4-Trimethylpentane           | 50.0        | 39.86       |                | ug/L |   | 80   | 70 - 130    | 1   | 25        |
| 2-Butanone (MEK)                 | 250         | 301.6       |                | ug/L |   | 121  | 67 - 140    | 6   | 25        |
| 2-Hexanone (MBK)                 | 250         | 270.5       |                | ug/L |   | 108  | 60 - 140    | 2   | 25        |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 51.38       |                | ug/L |   | 103  | 60 - 130    | 8   | 25        |
| 4-Methyl-2-pentanone             | 250         | 266.7       |                | ug/L |   | 107  | 60 - 140    | 2   | 25        |
| Acetone                          | 250         | 341.1       |                | ug/L |   | 136  | 60 - 140    | 11  | 25        |
| Acetonitrile                     | 500         | 467.2       |                | ug/L |   | 93   | 60 - 140    | 4   | 25        |
| Acrolein                         | 250         | 282.8       |                | ug/L |   | 113  | 60 - 140    | 2   | 25        |
| Acrylonitrile                    | 500         | 497.3       |                | ug/L |   | 99   | 60 - 140    | 3   | 25        |
| Benzene                          | 50.0        | 44.53       |                | ug/L |   | 89   | 70 - 130    | 6   | 25        |
| Bromodichloromethane             | 50.0        | 43.92       |                | ug/L |   | 88   | 65 - 135    | 4   | 25        |
| Bromomethane                     | 50.0        | 50.70       |                | ug/L |   | 101  | 49 - 140    | 2   | 25        |
| Carbon disulfide                 | 50.0        | 40.64       |                | ug/L |   | 81   | 60 - 130    | 6   | 25        |
| Carbon tetrachloride             | 50.0        | 39.29       |                | ug/L |   | 79   | 70 - 130    | 5   | 25        |
| Chlorobenzene                    | 50.0        | 41.86       |                | ug/L |   | 84   | 65 - 135    | 3   | 25        |
| Chlorodibromomethane             | 50.0        | 36.66       |                | ug/L |   | 73   | 70 - 130    | 4   | 25        |
| Chloroethane                     | 50.0        | 63.37       |                | ug/L |   | 127  | 60 - 140    | 1   | 25        |
| Chloroform                       | 50.0        | 44.95       |                | ug/L |   | 90   | 70 - 130    | 6   | 25        |
| Chloromethane                    | 50.0        | 53.18       |                | ug/L |   | 106  | 60 - 140    | 2   | 25        |
| Chloroprene                      | 50.0        | 58.51       |                | ug/L |   | 117  | 70 - 130    | 6   | 25        |
| cis-1,2-Dichloroethene           | 50.0        | 50.53       |                | ug/L |   | 101  | 70 - 130    | 6   | 25        |
| cis-1,3-Dichloropropene          | 50.0        | 45.31       |                | ug/L |   | 91   | 70 - 130    | 4   | 25        |
| Cumene (isopropylbenzene)        | 50.0        | 44.41       |                | ug/L |   | 89   | 70 - 130    | 3   | 25        |
| Cyclohexane                      | 50.0        | 42.75       |                | ug/L |   | 86   | 65 - 130    | 5   | 25        |
| Dibromomethane                   | 50.0        | 48.71       |                | ug/L |   | 97   | 69 - 130    | 2   | 25        |
| Ethyl methacrylate               | 50.0        | 64.11       |                | ug/L |   | 128  | 70 - 130    | 2   | 25        |
| Ethylbenzene                     | 50.0        | 47.05       |                | ug/L |   | 94   | 70 - 130    | 5   | 25        |
| Hexane                           | 50.0        | 43.09       |                | ug/L |   | 86   | 65 - 140    | 5   | 25        |
| Isobutanol                       | 1240        | 1246        |                | ug/L |   | 100  | 60 - 140    | 1   | 25        |
| Methacrylonitrile                | 500         | 530.4       |                | ug/L |   | 106  | 70 - 130    | 3   | 25        |
| Methyl methacrylate              | 100         | 98.86       |                | ug/L |   | 99   | 70 - 130    | 2   | 25        |
| Methyl tert-butyl ether          | 50.0        | 46.99       |                | ug/L |   | 94   | 70 - 135    | 5   | 25        |
| Methylene Chloride               | 50.0        | 46.14       |                | ug/L |   | 92   | 71 - 125    | 6   | 25        |
| Propionitrile                    | 500         | 502.7       |                | ug/L |   | 101  | 70 - 130    | 3   | 25        |
| Propylbenzene                    | 50.0        | 45.75       |                | ug/L |   | 92   | 70 - 130    | 4   | 25        |
| Styrene                          | 50.0        | 44.28       |                | ug/L |   | 89   | 70 - 130    | 5   | 25        |
| Tetrachloroethene                | 50.0        | 41.58       |                | ug/L |   | 83   | 70 - 130    | 4   | 25        |
| Tetrahydrofuran                  | 100         | 114.8       |                | ug/L |   | 115  | 63 - 130    | 4   | 25        |
| Toluene                          | 50.0        | 43.87       |                | ug/L |   | 88   | 70 - 130    | 6   | 25        |
| trans-1,2-Dichloroethene         | 50.0        | 44.27       |                | ug/L |   | 89   | 70 - 130    | 8   | 25        |
| trans-1,3-Dichloropropene        | 50.0        | 52.65       |                | ug/L |   | 105  | 70 - 130    | 3   | 25        |
| trans-1,4-Dichloro-2-butene      | 50.0        | 44.43       |                | ug/L |   | 89   | 70 - 130    | 1   | 25        |
| Trichloroethene                  | 50.0        | 44.30       |                | ug/L |   | 89   | 70 - 135    | 10  | 25        |
| Trichlorofluoromethane           | 50.0        | 35.86       |                | ug/L |   | 72   | 60 - 140    | 3   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276713/4

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte        | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Vinyl chloride | 50.0        | 41.97       |                | ug/L |   | 84   | 60 - 140    | 2   | 25        |
| Xylenes, Total | 100         | 97.94       |                | ug/L |   | 98   | 70 - 130    | 5   | 25        |
| m,p-Xylenes    | 0.0500      | 0.04886     |                | mg/L |   | 98   | 70 - 130    | 5   | 25        |
| o-Xylene       | 0.0500      | 0.04908     |                | mg/L |   | 98   | 70 - 130    | 4   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 112            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 101            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 94             |                | 75 - 131 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

Lab Sample ID: 560-129559-A-1 MS

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1-Trichloroethane                 | <29.3         | U                | 2500        | 2337      |              | ug/L |   | 93   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <55.5         | U                | 2500        | 1905      |              | ug/L |   | 76   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <20.6         | U                | 2500        | 2480      |              | ug/L |   | 99   | 70 - 130    |
| 1,1-Dichloroethane                    | <31.8         | U                | 2500        | 2353      |              | ug/L |   | 94   | 70 - 130    |
| 1,1-Dichloroethene                    | <36.9         | U                | 2500        | 2244      |              | ug/L |   | 90   | 67 - 130    |
| 1,2,3-Trichloropropane                | <23.5         | U                | 2500        | 2565      |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dibromoethane                     | <50.0         | U                | 2500        | 2534      |              | ug/L |   | 101  | 70 - 130    |
| 1,2-Dichloroethane                    | 527           |                  | 2500        | 3127      |              | ug/L |   | 104  | 70 - 130    |
| 1,2-Dichloropropane                   | <27.8         | U                | 2500        | 2508      |              | ug/L |   | 100  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 2420          |                  | 2500        | 4935      |              | ug/L |   | 101  | 70 - 130    |
| 1,3-Butadiene                         | <28.4         | U                | 2500        | 2470      |              | ug/L |   | 99   | 60 - 150    |
| 2,2,4-Trimethylpentane                | 45.1          | J F1             | 2500        | 3605      | F1           | ug/L |   | 142  | 70 - 130    |
| 2-Butanone (MEK)                      | 435           | J                | 12500       | 15860     |              | ug/L |   | 123  | 67 - 140    |
| 2-Hexanone (MBK)                      | <250          | U                | 12500       | 14790     |              | ug/L |   | 118  | 60 - 140    |
| 3-Chloropropene (Allyl Chloride)      | <29.9         | U                | 2500        | 2530      |              | ug/L |   | 101  | 60 - 130    |
| 4-Methyl-2-pentanone                  | <250          | U                | 12500       | 14420     |              | ug/L |   | 115  | 60 - 140    |
| Acetone                               | <153          | U                | 12500       | 15070     |              | ug/L |   | 121  | 60 - 140    |
| Acetonitrile                          | <730          | U                | 25000       | 23940     |              | ug/L |   | 96   | 60 - 140    |
| Acrolein                              | <556          | U F1             | 12500       | 19230     | F1           | ug/L |   | 154  | 60 - 140    |
| Acrylonitrile                         | <716          | U                | 25000       | 26090     |              | ug/L |   | 104  | 60 - 140    |
| Bromodichloromethane                  | <27.6         | U                | 2500        | 2256      |              | ug/L |   | 90   | 65 - 135    |
| Bromomethane                          | <71.0         | U                | 2500        | 2509      |              | ug/L |   | 100  | 49 - 140    |
| Carbon disulfide                      | <82.5         | U                | 2500        | 2082      |              | ug/L |   | 83   | 60 - 130    |
| Carbon tetrachloride                  | <44.8         | U                | 2500        | 2056      |              | ug/L |   | 82   | 70 - 130    |
| Chlorobenzene                         | <22.8         | U                | 2500        | 2263      |              | ug/L |   | 91   | 65 - 135    |
| Chlorodibromomethane                  | <27.4         | U                | 2500        | 1918      |              | ug/L |   | 77   | 70 - 130    |
| Chloroethane                          | <99.2         | U                | 2500        | 3262      |              | ug/L |   | 130  | 60 - 140    |
| Chloroform                            | <23.2         | U                | 2500        | 2288      |              | ug/L |   | 92   | 70 - 130    |
| Chloromethane                         | <102          | U                | 2500        | 2649      |              | ug/L |   | 106  | 60 - 140    |
| Chloroprene                           | <29.9         | U                | 2500        | 3022      |              | ug/L |   | 121  | 70 - 130    |
| cis-1,2-Dichloroethene                | <22.9         | U                | 2500        | 2564      |              | ug/L |   | 103  | 70 - 130    |
| cis-1,3-Dichloropropene               | <53.4         | U                | 2500        | 2298      |              | ug/L |   | 92   | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 560-129559-A-1 MS

Matrix: Water

Analysis Batch: 276713

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Cumene (isopropylbenzene)   | 321           |                  | 2500        | 2706      |              | ug/L |   | 95   | 70 - 130    |
| Cyclohexane                 | 182           | J                | 2500        | 2410      |              | ug/L |   | 89   | 65 - 130    |
| Dibromomethane              | <17.9         | U                | 2500        | 2497      |              | ug/L |   | 100  | 69 - 130    |
| Ethyl methacrylate          | <55.9         | U F1             | 2500        | 3467      | F1           | ug/L |   | 139  | 70 - 130    |
| Ethylbenzene                | 1540          |                  | 2500        | 4125      |              | ug/L |   | 103  | 70 - 130    |
| Hexane                      | 1220          |                  | 2500        | 3507      |              | ug/L |   | 91   | 65 - 140    |
| Isobutanol                  | 20200         |                  | 62000       | 83030     |              | ug/L |   | 101  | 60 - 140    |
| Methacrylonitrile           | <136          | U                | 25000       | 27330     |              | ug/L |   | 109  | 70 - 130    |
| Methyl methacrylate         | <113          | U                | 5000        | 5334      |              | ug/L |   | 107  | 70 - 130    |
| Methyl tert-butyl ether     | <69.6         | U                | 2500        | 2299      |              | ug/L |   | 92   | 70 - 135    |
| Methylene Chloride          | <86.3         | U                | 2500        | 2248      |              | ug/L |   | 90   | 71 - 125    |
| Propionitrile               | <167          | U                | 25000       | 26840     |              | ug/L |   | 107  | 70 - 130    |
| Propylbenzene               | 1200          |                  | 2500        | 3700      |              | ug/L |   | 100  | 70 - 130    |
| Styrene                     | <31.0         | U                | 2500        | 2536      |              | ug/L |   | 101  | 70 - 130    |
| Tetrachloroethene           | <32.8         | U                | 2500        | 2226      |              | ug/L |   | 89   | 70 - 130    |
| Tetrahydrofuran             | <91.7         | U                | 5000        | 6062      |              | ug/L |   | 121  | 63 - 130    |
| trans-1,2-Dichloroethene    | <18.4         | U                | 2500        | 2258      |              | ug/L |   | 90   | 70 - 130    |
| trans-1,3-Dichloropropene   | <63.4         | U                | 2500        | 2783      |              | ug/L |   | 111  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <67.5         | U                | 2500        | 2598      |              | ug/L |   | 104  | 70 - 130    |
| Trichloroethene             | <75.0         | U                | 2500        | 2147      |              | ug/L |   | 86   | 70 - 135    |
| Trichlorofluoromethane      | <28.0         | U                | 2500        | 1950      |              | ug/L |   | 78   | 60 - 140    |
| Vinyl chloride              | <21.4         | U                | 2500        | 2121      |              | ug/L |   | 85   | 60 - 140    |
| Xylenes, Total              | 10100         |                  | 5000        | 15410     |              | ug/L |   | 106  | 70 - 130    |
| m,p-Xylenes                 | 7.21          |                  | 2.50        | 9.765     |              | mg/L |   | 102  | 70 - 130    |
| o-Xylene                    | 2.90          |                  | 2.50        | 5.641     |              | mg/L |   | 110  | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 107          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 98           |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 89           |              | 75 - 131 |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |

Lab Sample ID: MB 860-276785/9

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/19/25 10:13 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276785/9

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                          | MB     | MB        | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
|                                  | Result | Qualifier |      |       |      |   |          |                |         |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 10:13 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 10:13 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 10:13 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 10:13 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 10:13 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/19/25 10:13 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/19/25 10:13 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/19/25 10:13 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/19/25 10:13 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/19/25 10:13 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/19/25 10:13 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276785/9

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/19/25 10:13 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/19/25 10:13 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/19/25 10:13 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/19/25 10:13 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/19/25 10:13 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/19/25 10:13 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/19/25 10:13 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 10:13 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 10:13 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103          |              | 63 - 144 |          | 11/19/25 10:13 | 1       |
| 4-Bromofluorobenzene (Surr)  | 106          |              | 74 - 124 |          | 11/19/25 10:13 | 1       |
| Dibromofluoromethane (Surr)  | 97           |              | 75 - 131 |          | 11/19/25 10:13 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |          | 11/19/25 10:13 | 1       |

Lab Sample ID: LCS 860-276785/3

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 51.35      |               | ug/L |   | 103  | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 53.18      |               | ug/L |   | 106  | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 52.48      |               | ug/L |   | 105  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 41.59      |               | ug/L |   | 83   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 50.95      |               | ug/L |   | 102  | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 50.68      |               | ug/L |   | 101  | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 41.13      |               | ug/L |   | 82   | 67 - 130    |
| 1,2,3-Trichloropropene                | 50.0        | 56.01      |               | ug/L |   | 112  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 51.37      |               | ug/L |   | 103  | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 58.55      |               | ug/L |   | 117  | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 53.02      |               | ug/L |   | 106  | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 48.89      |               | ug/L |   | 98   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 51.48      |               | ug/L |   | 103  | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 50.19      |               | ug/L |   | 100  | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 51.90      |               | ug/L |   | 104  | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 49.06      |               | ug/L |   | 98   | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 302.8      |               | ug/L |   | 121  | 67 - 140    |
| 2-Hexanone (MBK)                      | 250         | 297.9      |               | ug/L |   | 119  | 60 - 140    |
| 2-Propanol                            | 500         | 381.2      |               | ug/L |   | 76   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 44.34      |               | ug/L |   | 89   | 60 - 130    |
| 4-Methyl-2-pentanone                  | 250         | 276.7      |               | ug/L |   | 111  | 60 - 140    |
| Acetone                               | 250         | 197.9      |               | ug/L |   | 79   | 60 - 140    |
| Acetonitrile                          | 500         | 443.4      |               | ug/L |   | 89   | 60 - 140    |
| Acrolein                              | 250         | 258.0      |               | ug/L |   | 103  | 60 - 140    |
| Acrylonitrile                         | 500         | 450.4      |               | ug/L |   | 90   | 60 - 140    |
| alpha-Chlorotoluene                   | 50.0        | 55.76      |               | ug/L |   | 112  | 70 - 130    |
| Benzene                               | 50.0        | 47.77      |               | ug/L |   | 96   | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276785/3

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Bromodichloromethane        | 50.0        | 52.38      |               | ug/L |   | 105  | 65 - 135    |
| Bromoform                   | 50.0        | 55.04      |               | ug/L |   | 110  | 70 - 130    |
| Bromomethane                | 50.0        | 47.86      |               | ug/L |   | 96   | 49 - 140    |
| Carbon disulfide            | 50.0        | 41.11      |               | ug/L |   | 82   | 60 - 130    |
| Carbon tetrachloride        | 50.0        | 55.36      |               | ug/L |   | 111  | 70 - 130    |
| Chlorobenzene               | 50.0        | 48.93      |               | ug/L |   | 98   | 65 - 135    |
| Chlorodibromomethane        | 50.0        | 54.53      |               | ug/L |   | 109  | 70 - 130    |
| Chloroethane                | 50.0        | 43.59      |               | ug/L |   | 87   | 60 - 140    |
| Chloroform                  | 50.0        | 51.60      |               | ug/L |   | 103  | 70 - 130    |
| Chloromethane               | 50.0        | 40.18      |               | ug/L |   | 80   | 60 - 140    |
| Chloroprene                 | 50.0        | 61.14      |               | ug/L |   | 122  | 70 - 130    |
| cis-1,2-Dichloroethene      | 50.0        | 52.91      |               | ug/L |   | 106  | 70 - 130    |
| cis-1,3-Dichloropropene     | 50.0        | 51.94      |               | ug/L |   | 104  | 70 - 130    |
| Cumene (isopropylbenzene)   | 50.0        | 53.20      |               | ug/L |   | 106  | 70 - 130    |
| Cyclohexane                 | 50.0        | 53.10      |               | ug/L |   | 106  | 65 - 130    |
| Dibromomethane              | 50.0        | 52.89      |               | ug/L |   | 106  | 69 - 130    |
| Dichlorodifluoromethane     | 50.0        | 55.92      |               | ug/L |   | 112  | 50 - 150    |
| Ethyl methacrylate          | 50.0        | 72.36      | *+            | ug/L |   | 145  | 70 - 130    |
| Ethylbenzene                | 50.0        | 51.28      |               | ug/L |   | 103  | 70 - 130    |
| Hexane                      | 50.0        | 42.26      |               | ug/L |   | 85   | 65 - 140    |
| Iodomethane                 | 50.0        | 67.19      |               | ug/L |   | 134  | 50 - 150    |
| Isobutanol                  | 1240        | 1287       |               | ug/L |   | 104  | 60 - 140    |
| Methacrylonitrile           | 500         | 529.8      |               | ug/L |   | 106  | 70 - 130    |
| Methyl methacrylate         | 100         | 97.58      |               | ug/L |   | 98   | 70 - 130    |
| Methyl tert-butyl ether     | 50.0        | 39.31      |               | ug/L |   | 79   | 70 - 135    |
| Methylene Chloride          | 50.0        | 40.18      |               | ug/L |   | 80   | 71 - 125    |
| Propionitrile               | 500         | 620.1      |               | ug/L |   | 124  | 70 - 130    |
| Propylbenzene               | 50.0        | 51.33      |               | ug/L |   | 103  | 70 - 130    |
| Styrene                     | 50.0        | 53.78      |               | ug/L |   | 108  | 70 - 130    |
| Tetrachloroethene           | 50.0        | 49.48      |               | ug/L |   | 99   | 70 - 130    |
| Tetrahydrofuran             | 100         | 114.4      |               | ug/L |   | 114  | 63 - 130    |
| Toluene                     | 50.0        | 47.16      |               | ug/L |   | 94   | 70 - 130    |
| trans-1,2-Dichloroethene    | 50.0        | 42.77      |               | ug/L |   | 86   | 70 - 130    |
| trans-1,3-Dichloropropene   | 50.0        | 58.23      |               | ug/L |   | 116  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | 50.0        | 68.63      | *+            | ug/L |   | 137  | 70 - 130    |
| Trichloroethene             | 50.0        | 47.78      |               | ug/L |   | 96   | 70 - 135    |
| Trichlorofluoromethane      | 50.0        | 43.30      |               | ug/L |   | 87   | 60 - 140    |
| Vinyl acetate               | 250         | 353.8      |               | ug/L |   | 142  | 50 - 150    |
| Vinyl chloride              | 50.0        | 47.34      |               | ug/L |   | 95   | 60 - 140    |
| Xylenes, Total              | 100         | 101.0      |               | ug/L |   | 101  | 70 - 130    |
| m,p-Xylenes                 | 0.0500      | 0.05124    |               | mg/L |   | 102  | 70 - 130    |
| o-Xylene                    | 0.0500      | 0.04980    |               | mg/L |   | 100  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 106           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 106           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 105           |               | 80 - 120 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276785/4

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                       |             |             |                |      |   |      |             |     |           |
| 1,1,1,2-Tetrachloroethane             | 50.0        | 52.15       |                | ug/L |   | 104  | 70 - 130    | 2   | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 54.34       |                | ug/L |   | 109  | 70 - 130    | 2   | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 54.79       |                | ug/L |   | 110  | 70 - 130    | 4   | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 43.59       |                | ug/L |   | 87   | 60 - 140    | 5   | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 51.70       |                | ug/L |   | 103  | 70 - 130    | 1   | 25        |
| 1,1-Dichloroethane                    | 50.0        | 51.08       |                | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 40.78       |                | ug/L |   | 82   | 67 - 130    | 1   | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 59.12       |                | ug/L |   | 118  | 70 - 130    | 5   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 53.92       |                | ug/L |   | 108  | 70 - 130    | 5   | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 59.38       |                | ug/L |   | 119  | 59 - 130    | 1   | 25        |
| 1,2-Dibromoethane                     | 50.0        | 52.28       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| 1,2-Dichloroethane                    | 50.0        | 50.97       |                | ug/L |   | 102  | 70 - 130    | 4   | 25        |
| 1,2-Dichloropropane                   | 50.0        | 51.27       |                | ug/L |   | 103  | 70 - 130    | 0   | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 53.55       |                | ug/L |   | 107  | 70 - 130    | 6   | 25        |
| 1,3-Butadiene                         | 50.0        | 53.51       |                | ug/L |   | 107  | 60 - 150    | 3   | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 50.28       |                | ug/L |   | 101  | 70 - 130    | 2   | 25        |
| 2-Butanone (MEK)                      | 250         | 309.0       |                | ug/L |   | 124  | 67 - 140    | 2   | 25        |
| 2-Hexanone (MBK)                      | 250         | 301.3       |                | ug/L |   | 121  | 60 - 140    | 1   | 25        |
| 2-Propanol                            | 500         | 392.0       |                | ug/L |   | 78   | 50 - 150    | 3   | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 44.71       |                | ug/L |   | 89   | 60 - 130    | 1   | 25        |
| 4-Methyl-2-pentanone                  | 250         | 289.0       |                | ug/L |   | 116  | 60 - 140    | 4   | 25        |
| Acetone                               | 250         | 224.8       |                | ug/L |   | 90   | 60 - 140    | 13  | 25        |
| Acetonitrile                          | 500         | 447.1       |                | ug/L |   | 89   | 60 - 140    | 1   | 25        |
| Acrolein                              | 250         | 250.0       |                | ug/L |   | 100  | 60 - 140    | 3   | 25        |
| Acrylonitrile                         | 500         | 464.1       |                | ug/L |   | 93   | 60 - 140    | 3   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 57.05       |                | ug/L |   | 114  | 70 - 130    | 2   | 25        |
| Benzene                               | 50.0        | 50.12       |                | ug/L |   | 100  | 70 - 130    | 5   | 25        |
| Bromodichloromethane                  | 50.0        | 53.25       |                | ug/L |   | 106  | 65 - 135    | 2   | 25        |
| Bromoform                             | 50.0        | 54.67       |                | ug/L |   | 109  | 70 - 130    | 1   | 25        |
| Bromomethane                          | 50.0        | 48.33       |                | ug/L |   | 97   | 49 - 140    | 1   | 25        |
| Carbon disulfide                      | 50.0        | 40.01       |                | ug/L |   | 80   | 60 - 130    | 3   | 25        |
| Carbon tetrachloride                  | 50.0        | 53.08       |                | ug/L |   | 106  | 70 - 130    | 4   | 25        |
| Chlorobenzene                         | 50.0        | 49.25       |                | ug/L |   | 99   | 65 - 135    | 1   | 25        |
| Chlorodibromomethane                  | 50.0        | 53.45       |                | ug/L |   | 107  | 70 - 130    | 2   | 25        |
| Chloroethane                          | 50.0        | 42.08       |                | ug/L |   | 84   | 60 - 140    | 4   | 25        |
| Chloroform                            | 50.0        | 52.26       |                | ug/L |   | 105  | 70 - 130    | 1   | 25        |
| Chloromethane                         | 50.0        | 40.36       |                | ug/L |   | 81   | 60 - 140    | 0   | 25        |
| Chloroprene                           | 50.0        | 57.66       |                | ug/L |   | 115  | 70 - 130    | 6   | 25        |
| cis-1,2-Dichloroethene                | 50.0        | 54.49       |                | ug/L |   | 109  | 70 - 130    | 3   | 25        |
| cis-1,3-Dichloropropene               | 50.0        | 53.01       |                | ug/L |   | 106  | 70 - 130    | 2   | 25        |
| Cumene (isopropylbenzene)             | 50.0        | 53.74       |                | ug/L |   | 107  | 70 - 130    | 1   | 25        |
| Cyclohexane                           | 50.0        | 53.51       |                | ug/L |   | 107  | 65 - 130    | 1   | 25        |
| Dibromomethane                        | 50.0        | 53.46       |                | ug/L |   | 107  | 69 - 130    | 1   | 25        |
| Dichlorodifluoromethane               | 50.0        | 58.71       |                | ug/L |   | 117  | 50 - 150    | 5   | 25        |
| Ethyl methacrylate                    | 50.0        | 76.75       | *+             | ug/L |   | 153  | 70 - 130    | 6   | 25        |
| Ethylbenzene                          | 50.0        | 50.95       |                | ug/L |   | 102  | 70 - 130    | 1   | 25        |
| Hexane                                | 50.0        | 45.19       |                | ug/L |   | 90   | 65 - 140    | 7   | 25        |
| Iodomethane                           | 50.0        | 65.60       |                | ug/L |   | 131  | 50 - 150    | 2   | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276785/4

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Isobutanol                  | 1240        | 1358        |                | ug/L |   | 110  | 60 - 140    | 5   | 25        |
| Methacrylonitrile           | 500         | 551.4       |                | ug/L |   | 110  | 70 - 130    | 4   | 25        |
| Methyl methacrylate         | 100         | 102.5       |                | ug/L |   | 102  | 70 - 130    | 5   | 25        |
| Methyl tert-butyl ether     | 50.0        | 41.43       |                | ug/L |   | 83   | 70 - 135    | 5   | 25        |
| Methylene Chloride          | 50.0        | 39.99       |                | ug/L |   | 80   | 71 - 125    | 0   | 25        |
| Propionitrile               | 500         | 620.0       |                | ug/L |   | 124  | 70 - 130    | 0   | 25        |
| Propylbenzene               | 50.0        | 53.25       |                | ug/L |   | 106  | 70 - 130    | 4   | 25        |
| Styrene                     | 50.0        | 54.57       |                | ug/L |   | 109  | 70 - 130    | 1   | 25        |
| Tetrachloroethene           | 50.0        | 47.61       |                | ug/L |   | 95   | 70 - 130    | 4   | 25        |
| Tetrahydrofuran             | 100         | 100.9       |                | ug/L |   | 101  | 63 - 130    | 13  | 25        |
| Toluene                     | 50.0        | 49.36       |                | ug/L |   | 99   | 70 - 130    | 5   | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 43.15       |                | ug/L |   | 86   | 70 - 130    | 1   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 57.53       |                | ug/L |   | 115  | 70 - 130    | 1   | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 73.81       | *+             | ug/L |   | 148  | 70 - 130    | 7   | 25        |
| Trichloroethene             | 50.0        | 47.79       |                | ug/L |   | 96   | 70 - 135    | 0   | 25        |
| Trichlorofluoromethane      | 50.0        | 43.82       |                | ug/L |   | 88   | 60 - 140    | 1   | 25        |
| Vinyl acetate               | 250         | 343.6       |                | ug/L |   | 137  | 50 - 150    | 3   | 25        |
| Vinyl chloride              | 50.0        | 46.03       |                | ug/L |   | 92   | 60 - 140    | 3   | 25        |
| Xylenes, Total              | 100         | 99.92       |                | ug/L |   | 100  | 70 - 130    | 1   | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05046     |                | mg/L |   | 101  | 70 - 130    | 2   | 25        |
| o-Xylene                    | 0.0500      | 0.04946     |                | mg/L |   | 99   | 70 - 130    | 1   | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 106            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 104            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 103            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 103            |                | 80 - 120 |

Lab Sample ID: 880-65015-I-18 MS

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U                | 1000        | 964.1     |              | ug/L |   | 96   | 70 - 130    |
| 1,1,1-Trichloroethane                 | <0.585        | U                | 1000        | 1069      |              | ug/L |   | 107  | 70 - 130    |
| 1,1,1,2,2-Tetrachloroethane           | <0.470        | U                | 1000        | 1002      |              | ug/L |   | 100  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U                | 1000        | 813.9     |              | ug/L |   | 81   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 1000        | 941.5     |              | ug/L |   | 94   | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 1000        | 1021      |              | ug/L |   | 102  | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U                | 1000        | 786.5     |              | ug/L |   | 79   | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 1000        | 1078      |              | ug/L |   | 108  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 1000        | 991.2     |              | ug/L |   | 99   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U                | 1000        | 1100      |              | ug/L |   | 110  | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 1000        | 987.6     |              | ug/L |   | 99   | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 1000        | 977.2     |              | ug/L |   | 98   | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 1000        | 956.5     |              | ug/L |   | 96   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 1000        | 975.0     |              | ug/L |   | 98   | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U                | 1000        | 1140      |              | ug/L |   | 114  | 60 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 880-65015-I-18 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 276785

| Analyte                          | Sample | Sample    | Spike | MS     | MS        | Unit | D | %Rec | %Rec Limits |
|----------------------------------|--------|-----------|-------|--------|-----------|------|---|------|-------------|
|                                  | Result | Qualifier | Added | Result | Qualifier |      |   |      |             |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 1000  | 979.6  |           | ug/L |   | 98   | 70 - 130    |
| 2-Butanone (MEK)                 | <8.28  | U         | 5000  | 5570   |           | ug/L |   | 111  | 67 - 140    |
| 2-Hexanone (MBK)                 | <5.00  | U         | 5000  | 5420   |           | ug/L |   | 108  | 60 - 140    |
| 2-Propanol                       | <5.23  | U         | 10000 | 7741   |           | ug/L |   | 77   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 1000  | 878.0  |           | ug/L |   | 88   | 60 - 130    |
| 4-Methyl-2-pentanone             | <5.00  | U         | 5000  | 5353   |           | ug/L |   | 107  | 60 - 140    |
| Acetone                          | <3.07  | U         | 5000  | 3291   |           | ug/L |   | 66   | 60 - 140    |
| Acetonitrile                     | <14.6  | U         | 10000 | 8780   |           | ug/L |   | 88   | 60 - 140    |
| Acrolein                         | <11.1  | U         | 5000  | 3164   |           | ug/L |   | 63   | 60 - 140    |
| Acrylonitrile                    | <14.3  | U         | 10000 | 8496   |           | ug/L |   | 85   | 60 - 140    |
| alpha-Chlorotoluene              | <2.26  | U         | 1000  | 1075   |           | ug/L |   | 107  | 70 - 130    |
| Benzene                          | <0.460 | U         | 1000  | 937.0  |           | ug/L |   | 94   | 70 - 130    |
| Bromodichloromethane             | <0.552 | U         | 1000  | 991.4  |           | ug/L |   | 99   | 65 - 135    |
| Bromoform                        | <0.633 | U         | 1000  | 1065   |           | ug/L |   | 106  | 70 - 130    |
| Bromomethane                     | <1.42  | U         | 1000  | 965.9  |           | ug/L |   | 97   | 49 - 140    |
| Carbon disulfide                 | <1.65  | U         | 1000  | 808.8  |           | ug/L |   | 81   | 60 - 130    |
| Carbon tetrachloride             | <0.896 | U         | 1000  | 1050   |           | ug/L |   | 105  | 70 - 130    |
| Chlorobenzene                    | <0.455 | U         | 1000  | 937.5  |           | ug/L |   | 94   | 65 - 135    |
| Chlorodibromomethane             | <0.547 | U         | 1000  | 1007   |           | ug/L |   | 101  | 70 - 130    |
| Chloroethane                     | <1.98  | U         | 1000  | 919.5  |           | ug/L |   | 92   | 60 - 140    |
| Chloroform                       | <0.464 | U         | 1000  | 1014   |           | ug/L |   | 101  | 70 - 130    |
| Chloromethane                    | <2.04  | U         | 1000  | 797.3  |           | ug/L |   | 80   | 60 - 140    |
| Chloroprene                      | <0.598 | U         | 1000  | 1197   |           | ug/L |   | 120  | 70 - 130    |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1000  | 1035   |           | ug/L |   | 104  | 70 - 130    |
| cis-1,3-Dichloropropene          | <1.07  | U         | 1000  | 998.1  |           | ug/L |   | 100  | 70 - 130    |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1000  | 1017   |           | ug/L |   | 102  | 70 - 130    |
| Cyclohexane                      | <1.29  | U         | 1000  | 1039   |           | ug/L |   | 104  | 65 - 130    |
| Dibromomethane                   | <0.357 | U         | 1000  | 998.4  |           | ug/L |   | 100  | 69 - 130    |
| Dichlorodifluoromethane          | <0.785 | U         | 1000  | 1023   |           | ug/L |   | 102  | 50 - 150    |
| Ethyl methacrylate               | <1.12  | U *+ F1   | 1000  | 1421   | F1        | ug/L |   | 142  | 70 - 130    |
| Ethylbenzene                     | <0.385 | U         | 1000  | 967.7  |           | ug/L |   | 97   | 70 - 130    |
| Hexane                           | <0.517 | U         | 1000  | 878.1  |           | ug/L |   | 88   | 65 - 140    |
| Iodomethane                      | <5.00  | U         | 1000  | 1320   |           | ug/L |   | 132  | 50 - 150    |
| Isobutanol                       | <17.1  | U         | 24800 | 25250  |           | ug/L |   | 102  | 60 - 140    |
| Methacrylonitrile                | <2.72  | U         | 10000 | 10220  |           | ug/L |   | 102  | 70 - 130    |
| Methyl methacrylate              | <2.25  | U         | 2000  | 1915   |           | ug/L |   | 96   | 70 - 130    |
| Methyl tert-butyl ether          | <1.39  | U         | 1000  | 771.0  |           | ug/L |   | 77   | 70 - 135    |
| Methylene Chloride               | <1.73  | U         | 1000  | 770.9  |           | ug/L |   | 77   | 71 - 125    |
| Propionitrile                    | <3.34  | U         | 10000 | 11180  |           | ug/L |   | 112  | 70 - 130    |
| Propylbenzene                    | <0.429 | U         | 1000  | 1010   |           | ug/L |   | 101  | 70 - 130    |
| Styrene                          | <0.619 | U         | 1000  | 1022   |           | ug/L |   | 102  | 70 - 130    |
| Tetrachloroethene                | <0.655 | U         | 1000  | 965.0  |           | ug/L |   | 97   | 70 - 130    |
| Tetrahydrofuran                  | <1.83  | U         | 2000  | 1993   |           | ug/L |   | 100  | 63 - 130    |
| Toluene                          | 1.43   |           | 1000  | 963.3  |           | ug/L |   | 96   | 70 - 130    |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1000  | 833.6  |           | ug/L |   | 83   | 70 - 130    |
| trans-1,3-Dichloropropene        | <1.27  | U         | 1000  | 1091   |           | ug/L |   | 109  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | <1.35  | U *+ F1   | 1000  | 1319   | F1        | ug/L |   | 132  | 70 - 130    |
| Trichloroethene                  | <1.50  | U         | 1000  | 917.5  |           | ug/L |   | 92   | 70 - 135    |
| Trichlorofluoromethane           | <0.560 | U         | 1000  | 936.6  |           | ug/L |   | 94   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 880-65015-I-18 MS

Matrix: Water

Analysis Batch: 276785

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Vinyl acetate                | <2.14         | U                | 5000        | 7035      |              | ug/L |   | 141  | 50 - 150    |
| Vinyl chloride               | <0.428        | U                | 1000        | 961.4     |              | ug/L |   | 96   | 60 - 140    |
| Xylenes, Total               | <1.24         | U                | 2000        | 1931      |              | ug/L |   | 97   | 70 - 130    |
| m,p-Xylenes                  | <0.00124      | U                | 1.00        | 0.9773    |              | mg/L |   | 98   | 70 - 130    |
| o-Xylene                     | <0.000502     | U                | 1.00        | 0.9541    |              | mg/L |   | 95   | 70 - 130    |
| Surrogate                    | MS %Recovery  | MS Qualifier     | MS Limits   |           |              |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 104           |                  | 63 - 144    |           |              |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 106           |                  | 74 - 124    |           |              |      |   |      |             |
| Dibromofluoromethane (Surr)  | 106           |                  | 75 - 131    |           |              |      |   |      |             |
| Toluene-d8 (Surr)            | 102           |                  | 80 - 120    |           |              |      |   |      |             |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-275669/1-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121    | U            | 0.571 | 0.121  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4-Chloro-3-methylphenol      | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4-Chloroaniline              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4-Nitroaniline               | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Acenaphthene                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Acenaphthylene               | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Aniline                      | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Anthracene                   | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275669/1-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                     | MB      | MB        | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                             | Result  | Qualifier |       |        |      |   |                |                |         |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U         | 1.14  | 0.571  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Di-n-octyl phthalate        | <0.286  | U         | 1.14  | 0.286  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U         | 0.571 | 0.147  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Diphenyl ether              | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,1'-Biphenyl               | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,3-Dinitrobenzene          | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1,4-Naphthoquinone          | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 1-Naphthylamine             | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2,6-Dichlorophenol          | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U         | 2.86  | 1.71   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275669/1-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Methapyrilene                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosodimethylamine              | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Pentachloronitrobenzene             | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Phenacetin                          | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| p-Phenylene diamine                 | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Pronamide                           | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Safrole, Total                      | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Sulfotepp                           | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Thionazin                           | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/13/25 14:28 | 11/14/25 13:58 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 54           |              | 26 - 136 | 11/13/25 14:28 | 11/14/25 13:58 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-275669/1-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 275669

| Surrogate              | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl       | 56              |                 | 39 - 130 | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| 2-Fluorophenol (Surr)  | 69              |                 | 19 - 120 | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Nitrobenzene-d5 (Surr) | 60              |                 | 32 - 133 | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| Phenol-d5 (Surr)       | 59              |                 | 8 - 124  | 11/13/25 14:28 | 11/14/25 13:58 | 1       |
| p-Terphenyl-d14        | 59              |                 | 28 - 130 | 11/13/25 14:28 | 11/14/25 13:58 | 1       |

Lab Sample ID: LCS 860-275669/2-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                      | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,2,4-Trichlorobenzene       | 5.71           | 3.654         |                  | ug/L |   | 64   | 55 - 120       |
| 1,2-Dichlorobenzene          | 5.71           | 3.043         | *-               | ug/L |   | 53   | 65 - 130       |
| 1,3-Dichlorobenzene          | 5.71           | 2.982         |                  | ug/L |   | 52   | 26 - 130       |
| 1,4-Dichlorobenzene          | 5.71           | 2.969         | *-               | ug/L |   | 52   | 60 - 150       |
| 2,2'-oxybis[1-chloropropane] | 5.71           | 3.222         | *-               | ug/L |   | 56   | 65 - 145       |
| 2,4,5-Trichlorophenol        | 5.71           | 3.449         |                  | ug/L |   | 60   | 58 - 150       |
| 2,4,6-Trichlorophenol        | 5.71           | 3.493         |                  | ug/L |   | 61   | 39 - 145       |
| 2,4-Dichlorophenol           | 5.71           | 3.356         | *-               | ug/L |   | 59   | 60 - 147       |
| 2,4-Dimethylphenol           | 5.71           | 3.379         |                  | ug/L |   | 59   | 58 - 140       |
| 1,4-Dioxane                  | 5.71           | 2.544         |                  | ug/L |   | 45   | 31 - 145       |
| 2,4-Dinitrophenol            | 5.71           | 4.125         | J                | ug/L |   | 72   | 10 - 150       |
| 2,4-Dinitrotoluene           | 5.71           | 3.174         |                  | ug/L |   | 56   | 29 - 150       |
| 2,6-Dinitrotoluene           | 5.71           | 3.301         |                  | ug/L |   | 58   | 55 - 150       |
| 2-Chloronaphthalene          | 5.71           | 2.726         |                  | ug/L |   | 48   | 39 - 141       |
| 2-Methylnaphthalene          | 5.71           | 3.110         |                  | ug/L |   | 54   | 33 - 149       |
| 2-Methylphenol               | 5.71           | 3.547         |                  | ug/L |   | 62   | 49 - 140       |
| 2-Nitroaniline               | 5.71           | 3.213         |                  | ug/L |   | 56   | 42 - 150       |
| 2-Nitrophenol                | 5.71           | 3.124         |                  | ug/L |   | 55   | 43 - 150       |
| 3 & 4 Methylphenol           | 5.71           | 3.163         |                  | ug/L |   | 55   | 39 - 142       |
| 3-Nitroaniline               | 5.71           | 2.227         |                  | ug/L |   | 39   | 25 - 130       |
| 4,6-Dinitro-2-methylphenol   | 5.71           | 3.397         |                  | ug/L |   | 59   | 10 - 150       |
| 4-Bromophenyl phenyl ether   | 5.71           | 2.788         | *-               | ug/L |   | 49   | 56 - 136       |
| 4-Chloro-3-methylphenol      | 5.71           | 3.353         |                  | ug/L |   | 59   | 52 - 137       |
| 4-Chloroaniline              | 5.71           | 1.208         |                  | ug/L |   | 21   | 10 - 95        |
| 4-Chlorophenyl phenyl ether  | 5.71           | 2.997         | *-               | ug/L |   | 52   | 53 - 134       |
| 4-Nitroaniline               | 5.71           | 2.907         |                  | ug/L |   | 51   | 45 - 148       |
| Acenaphthene                 | 5.71           | 3.120         |                  | ug/L |   | 55   | 48 - 136       |
| Acenaphthylene               | 5.71           | 3.376         |                  | ug/L |   | 59   | 40 - 149       |
| Aniline                      | 5.71           | <0.450        | U *-             | ug/L |   | 4    | 10 - 73        |
| Anthracene                   | 5.71           | 3.309         |                  | ug/L |   | 58   | 51 - 146       |
| Benzo[a]anthracene           | 5.71           | 4.202         |                  | ug/L |   | 74   | 43 - 145       |
| Benzo[a]pyrene               | 5.71           | 2.887         | *-               | ug/L |   | 51   | 52 - 136       |
| Benzo[b]fluoranthene         | 5.71           | 3.546         |                  | ug/L |   | 62   | 45 - 140       |
| Benzo[g,h,i]perylene         | 5.71           | 3.147         |                  | ug/L |   | 55   | 44 - 137       |
| Benzo[k]fluoranthene         | 5.71           | 3.618         |                  | ug/L |   | 63   | 37 - 140       |
| Benzyl alcohol               | 5.71           | 2.125         | J *-             | ug/L |   | 37   | 40 - 133       |
| Bis(2-chloroethoxy)methane   | 5.71           | 2.878         | *-               | ug/L |   | 50   | 52 - 143       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275669/2-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Bis(2-chloroethyl)ether     | 5.71        | 2.770      | *-            | ug/L |   | 48   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.744      |               | ug/L |   | 66   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 3.331      | *-            | ug/L |   | 58   | 60 - 150    |
| Chrysene                    | 5.71        | 3.407      |               | ug/L |   | 60   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 2.887      |               | ug/L |   | 51   | 50 - 147    |
| Dibenzofuran                | 5.71        | 2.872      | *-            | ug/L |   | 50   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 3.590      |               | ug/L |   | 63   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 2.906      |               | ug/L |   | 51   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 3.535      |               | ug/L |   | 62   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 4.248      |               | ug/L |   | 74   | 55 - 150    |
| Fluoranthene                | 5.71        | 3.275      |               | ug/L |   | 57   | 50 - 144    |
| Fluorene                    | 5.71        | 2.890      | *-            | ug/L |   | 51   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 2.764      | *-            | ug/L |   | 48   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 2.990      |               | ug/L |   | 52   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 3.498      |               | ug/L |   | 61   | 24 - 150    |
| Hexachloroethane            | 5.71        | 3.392      |               | ug/L |   | 59   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 2.829      |               | ug/L |   | 50   | 46 - 138    |
| Isophorone                  | 5.71        | 2.996      |               | ug/L |   | 52   | 48 - 147    |
| Naphthalene                 | 5.71        | 2.797      |               | ug/L |   | 49   | 35 - 141    |
| Nitrobenzene                | 5.71        | 2.881      | *-            | ug/L |   | 50   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 2.810      |               | ug/L |   | 49   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 3.054      |               | ug/L |   | 53   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 4.067      |               | ug/L |   | 71   | 33 - 150    |
| Phenanthrene                | 5.71        | 2.617      | *-            | ug/L |   | 46   | 54 - 141    |
| Phenol                      | 5.71        | 2.927      |               | ug/L |   | 51   | 40 - 145    |
| Pyrene                      | 5.71        | 3.248      |               | ug/L |   | 57   | 50 - 143    |
| Pyridine                    | 5.71        | <0.837     | U *-          | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 2.081      |               | ug/L |   | 36   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 3.763      |               | ug/L |   | 66   | 60 - 150    |
| Acetophenone                | 5.71        | 2.942      | *-            | ug/L |   | 51   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 2.373      |               | ug/L |   | 42   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 2.998      |               | ug/L |   | 52   | 52 - 128    |
| Diphenyl ether              | 5.71        | 2.937      |               | ug/L |   | 51   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 2.913      |               | ug/L |   | 51   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 1.083      |               | ug/L |   | 19   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.060      |               | ug/L |   | 54   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 3.186      |               | ug/L |   | 56   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 3.348      | *-            | ug/L |   | 59   | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 3.208      |               | ug/L |   | 56   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 0.8212     |               | ug/L |   | 14   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 3.121      |               | ug/L |   | 55   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 2.653      | J             | ug/L |   | 46   | 45 - 150    |
| 2-Chlorophenol              | 5.71        | 2.757      | *-            | ug/L |   | 48   | 51 - 143    |
| 2-Naphthylamine             | 5.71        | 1.027      |               | ug/L |   | 18   | 17 - 130    |
| 2-Picoline                  | 5.71        | <1.03      | U *-          | ug/L |   | 0.8  | 10 - 143    |
| 2-Toluidine                 | 5.71        | 0.9635     |               | ug/L |   | 17   | 10 - 130    |
| 3,3'-Dichlorobenzidine      | 5.71        | 0.7346     | J             | ug/L |   | 13   | 10 - 128    |
| 3,3'-Dimethylbenzidine      | 5.71        | 0.8296     |               | ug/L |   | 15   | 10 - 130    |
| 3-Methylcholanthrene        | 5.71        | 2.803      | *-            | ug/L |   | 49   | 53 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275669/2-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 4-Nitroquinoline-1-oxide            | 5.71        | 3.056      |               | ug/L |   | 53   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 3.518      |               | ug/L |   | 62   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45      | U *-          | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 1.289      |               | ug/L |   | 45   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 1.489      |               | ug/L |   | 52   | 45 - 150    |
| Aramite, Total                      | 5.71        | 2.778      |               | ug/L |   | 49   | 45 - 150    |
| Diallate                            | 5.71        | 2.981      |               | ug/L |   | 52   | 47 - 150    |
| Diallate Peak 1                     | 4.23        | 2.200      |               | ug/L |   | 52   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 0.7810     |               | ug/L |   | 53   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 3.050      |               | ug/L |   | 53   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 3.078      |               | ug/L |   | 54   | 35 - 140    |
| Isosafrole                          | 5.71        | 3.026      |               | ug/L |   | 53   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.4725     | J             | ug/L |   | 52   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 2.553      |               | ug/L |   | 53   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 2.814      |               | ug/L |   | 49   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 2.592      | *-            | ug/L |   | 45   | 50 - 136    |
| N-Nitrosodimethylamine              | 5.71        | 3.080      |               | ug/L |   | 54   | 33 - 148    |
| N-Nitrosodi-n-butylamine            | 5.71        | 2.409      |               | ug/L |   | 42   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 2.187      |               | ug/L |   | 38   | 30 - 148    |
| N-Nitrosomorpholine                 | 5.71        | 2.387      |               | ug/L |   | 42   | 40 - 140    |
| N-Nitrosopyrrolidine                | 5.71        | 2.404      |               | ug/L |   | 42   | 20 - 130    |
| p-Dimethylamino azobenzene          | 5.71        | 2.685      |               | ug/L |   | 47   | 16 - 150    |
| Pentachloronitrobenzene             | 5.71        | 3.068      |               | ug/L |   | 54   | 38 - 145    |
| Phenacetin                          | 5.71        | 3.549      |               | ug/L |   | 62   | 50 - 150    |
| p-Phenylene diamine                 | 5.71        | <5.71      | U             | ug/L |   | 27   | 5 - 112     |
| Pronamide                           | 5.71        | 3.088      | *-            | ug/L |   | 54   | 60 - 150    |
| Safrole, Total                      | 5.71        | 3.022      | *-            | ug/L |   | 53   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 60            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 55            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 65            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 63            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 59            |               | 8 - 124  |
| p-Terphenyl-d14             | 57            |               | 28 - 130 |

Lab Sample ID: LCS 860-275669/4-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275669

| Analyte          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate       | 2.86        | 7.341      | *+            | ug/L |   | 257  | 70 - 150    |
| Dinoseb          | 5.71        | 8.296      |               | ug/L |   | 145  | 10 - 150    |
| Disulfoton       | 2.86        | 5.864      | *+            | ug/L |   | 205  | 80 - 150    |
| Ethyl Parathion  | 2.86        | 5.408      | *+            | ug/L |   | 189  | 70 - 150    |
| Famphur          | 2.86        | 1.994      |               | ug/L |   | 70   | 10 - 150    |
| Methapyrilene    | 5.71        | 8.977      | I *+          | ug/L |   | 157  | 10 - 150    |
| Methyl parathion | 2.86        | 6.637      | *+            | ug/L |   | 232  | 80 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-275669/4-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.348      |               | ug/L |   | 82   | 38 - 150    |
| Phorate                          | 2.86        | 5.549      | J *+          | ug/L |   | 194  | 65 - 150    |
| Sulfotepp                        | 2.86        | 6.102      | *+            | ug/L |   | 214  | 28 - 150    |
| Thionazin                        | 2.86        | 2.789      |               | ug/L |   | 98   | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 61            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 53            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 61            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 68            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 58            |               | 8 - 124  |
| p-Terphenyl-d14             | 55            |               | 28 - 130 |

Lab Sample ID: LCSD 860-275669/3-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 3.525       |                | ug/L |   | 62   | 55 - 120    | 4   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 3.059       | *-             | ug/L |   | 54   | 65 - 130    | 1   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 3.016       |                | ug/L |   | 53   | 26 - 130    | 1   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 2.962       | *-             | ug/L |   | 52   | 60 - 150    | 0   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 3.208       | *-             | ug/L |   | 56   | 65 - 145    | 0   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 3.424       |                | ug/L |   | 60   | 58 - 150    | 1   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 3.219       |                | ug/L |   | 56   | 39 - 145    | 8   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 3.264       | *-             | ug/L |   | 57   | 60 - 147    | 3   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 3.326       |                | ug/L |   | 58   | 58 - 140    | 2   | 30        |
| 1,4-Dioxane                  | 5.71        | 2.551       |                | ug/L |   | 45   | 31 - 145    | 0   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 4.298       | J              | ug/L |   | 75   | 10 - 150    | 4   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 3.284       |                | ug/L |   | 57   | 29 - 150    | 3   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 3.338       |                | ug/L |   | 58   | 55 - 150    | 1   | 30        |
| 2-Chloronaphthalene          | 5.71        | 2.746       |                | ug/L |   | 48   | 39 - 141    | 1   | 30        |
| 2-Methylnaphthalene          | 5.71        | 3.082       |                | ug/L |   | 54   | 33 - 149    | 1   | 30        |
| 2-Methylphenol               | 5.71        | 3.711       |                | ug/L |   | 65   | 49 - 140    | 5   | 30        |
| 2-Nitroaniline               | 5.71        | 3.210       |                | ug/L |   | 56   | 42 - 150    | 0   | 30        |
| 2-Nitrophenol                | 5.71        | 3.134       |                | ug/L |   | 55   | 43 - 150    | 0   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 3.119       |                | ug/L |   | 55   | 39 - 142    | 1   | 30        |
| 3-Nitroaniline               | 5.71        | 2.118       |                | ug/L |   | 37   | 25 - 130    | 5   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 3.589       |                | ug/L |   | 63   | 10 - 150    | 5   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 2.780       | *-             | ug/L |   | 49   | 56 - 136    | 0   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 3.112       |                | ug/L |   | 54   | 52 - 137    | 7   | 30        |
| 4-Chloroaniline              | 5.71        | 1.181       |                | ug/L |   | 21   | 10 - 95     | 2   | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 2.964       | *-             | ug/L |   | 52   | 53 - 134    | 1   | 30        |
| 4-Nitroaniline               | 5.71        | 2.913       |                | ug/L |   | 51   | 45 - 148    | 0   | 30        |
| Acenaphthene                 | 5.71        | 3.139       |                | ug/L |   | 55   | 48 - 136    | 1   | 30        |
| Acenaphthylene               | 5.71        | 3.346       |                | ug/L |   | 59   | 40 - 149    | 1   | 30        |
| Aniline                      | 5.71        | <0.450      | U *-           | ug/L |   | 4    | 10 - 73     | 5   | 30        |
| Anthracene                   | 5.71        | 3.236       |                | ug/L |   | 57   | 51 - 146    | 2   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275669/3-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Benzo[a]anthracene          | 5.71        | 4.185       |                | ug/L |   | 73   | 43 - 145    | 0   | 30        |
| Benzo[a]pyrene              | 5.71        | 2.824       | *-             | ug/L |   | 49   | 52 - 136    | 2   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 3.638       |                | ug/L |   | 64   | 45 - 140    | 3   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 3.022       |                | ug/L |   | 53   | 44 - 137    | 4   | 30        |
| Benzo[k]fluoranthene        | 5.71        | 3.634       |                | ug/L |   | 64   | 37 - 140    | 0   | 30        |
| Benzyl alcohol              | 5.71        | 1.459       | J *- *1        | ug/L |   | 26   | 40 - 133    | 37  | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 2.869       | *-             | ug/L |   | 50   | 52 - 143    | 0   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 2.755       | *-             | ug/L |   | 48   | 52 - 140    | 1   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 3.812       |                | ug/L |   | 67   | 50 - 140    | 2   | 30        |
| Butyl benzyl phthalate      | 5.71        | 3.262       | *-             | ug/L |   | 57   | 60 - 150    | 2   | 30        |
| Chrysene                    | 5.71        | 3.452       |                | ug/L |   | 60   | 47 - 137    | 1   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 2.784       | *-             | ug/L |   | 49   | 50 - 147    | 4   | 30        |
| Dibenzofuran                | 5.71        | 2.889       | *-             | ug/L |   | 51   | 52 - 139    | 1   | 30        |
| Diethyl phthalate           | 5.71        | 3.575       |                | ug/L |   | 63   | 55 - 137    | 0   | 30        |
| Dimethyl phthalate          | 5.71        | 2.907       |                | ug/L |   | 51   | 44 - 150    | 0   | 30        |
| Di-n-butyl phthalate        | 5.71        | 3.504       |                | ug/L |   | 61   | 49 - 146    | 1   | 30        |
| Di-n-octyl phthalate        | 5.71        | 4.233       |                | ug/L |   | 74   | 55 - 150    | 0   | 30        |
| Fluoranthene                | 5.71        | 3.209       |                | ug/L |   | 56   | 50 - 144    | 2   | 30        |
| Fluorene                    | 5.71        | 2.898       | *-             | ug/L |   | 51   | 54 - 136    | 0   | 30        |
| Hexachlorobenzene           | 5.71        | 2.781       | *-             | ug/L |   | 49   | 55 - 138    | 1   | 30        |
| Hexachlorobutadiene         | 5.71        | 2.956       |                | ug/L |   | 52   | 45 - 150    | 1   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 3.578       |                | ug/L |   | 63   | 24 - 150    | 2   | 30        |
| Hexachloroethane            | 5.71        | 3.405       |                | ug/L |   | 60   | 30 - 130    | 0   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 2.756       |                | ug/L |   | 48   | 46 - 138    | 3   | 30        |
| Isophorone                  | 5.71        | 3.015       |                | ug/L |   | 53   | 48 - 147    | 1   | 30        |
| Naphthalene                 | 5.71        | 2.783       |                | ug/L |   | 49   | 35 - 141    | 1   | 30        |
| Nitrobenzene                | 5.71        | 2.890       | *-             | ug/L |   | 51   | 52 - 141    | 0   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 2.840       |                | ug/L |   | 50   | 41 - 137    | 1   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 3.083       |                | ug/L |   | 54   | 51 - 135    | 1   | 30        |
| Pentachlorophenol           | 5.71        | 3.950       |                | ug/L |   | 69   | 33 - 150    | 3   | 30        |
| Phenanthrene                | 5.71        | 2.579       | *-             | ug/L |   | 45   | 54 - 141    | 1   | 30        |
| Phenol                      | 5.71        | 2.856       |                | ug/L |   | 50   | 40 - 145    | 2   | 30        |
| Pyrene                      | 5.71        | 3.242       |                | ug/L |   | 57   | 50 - 143    | 0   | 30        |
| Pyridine                    | 5.71        | <0.837      | U *-           | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine         | 5.71        | 2.096       |                | ug/L |   | 37   | 29 - 141    | 1   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 3.697       |                | ug/L |   | 65   | 60 - 150    | 2   | 30        |
| Acetophenone                | 5.71        | 2.965       |                | ug/L |   | 52   | 52 - 136    | 1   | 30        |
| N-Nitrosopiperidine         | 5.71        | 2.365       |                | ug/L |   | 41   | 36 - 148    | 0   | 30        |
| Pentachlorobenzene          | 5.71        | 2.924       | *-             | ug/L |   | 51   | 52 - 128    | 2   | 30        |
| Diphenyl ether              | 5.71        | 2.876       |                | ug/L |   | 50   | 46 - 130    | 2   | 30        |
| 1,1'-Biphenyl               | 5.71        | 2.896       |                | ug/L |   | 51   | 39 - 142    | 1   | 30        |
| 4-Aminobiphenyl             | 5.71        | 1.090       |                | ug/L |   | 19   | 10 - 115    | 1   | 30        |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.023       |                | ug/L |   | 53   | 46 - 125    | 1   | 30        |
| 1,3,5-Trinitrobenzene       | 5.71        | 3.707       |                | ug/L |   | 65   | 42 - 130    | 15  | 30        |
| 1,3-Dinitrobenzene          | 5.71        | 3.374       | *-             | ug/L |   | 59   | 65 - 150    | 1   | 30        |
| 1,4-Naphthoquinone          | 5.71        | 3.317       |                | ug/L |   | 58   | 24 - 137    | 3   | 30        |
| 1-Naphthylamine             | 5.71        | 0.7793      |                | ug/L |   | 14   | 10 - 130    | 5   | 30        |
| 2,6-Dichlorophenol          | 5.71        | 3.028       |                | ug/L |   | 53   | 42 - 145    | 3   | 30        |
| 2-Acetylaminofluorene       | 5.71        | 2.589       | J              | ug/L |   | 45   | 45 - 150    | 2   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275669/3-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2-Chlorophenol                      | 5.71        | 2.759       | *-             | ug/L |   | 48   | 51 - 143    | 0   | 30        |
| 2-Naphthylamine                     | 5.71        | 0.9833      |                | ug/L |   | 17   | 17 - 130    | 4   | 30        |
| 2-Picoline                          | 5.71        | <1.03       | U *- *1        | ug/L |   | 0.4  | 10 - 143    | 73  | 30        |
| 2-Toluidine                         | 5.71        | 0.9341      |                | ug/L |   | 16   | 10 - 130    | 3   | 30        |
| 3,3'-Dichlorobenzidine              | 5.71        | 0.7252      | J              | ug/L |   | 13   | 10 - 128    | 1   | 30        |
| 3,3'-Dimethylbenzidine              | 5.71        | 0.7114      |                | ug/L |   | 12   | 10 - 130    | 15  | 30        |
| 3-Methylcholanthrene                | 5.71        | 2.776       | *-             | ug/L |   | 49   | 53 - 130    | 1   | 30        |
| 4-Nitroquinoline-1-oxide            | 5.71        | 2.934       |                | ug/L |   | 51   | 20 - 140    | 4   | 30        |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 3.519       |                | ug/L |   | 62   | 27 - 146    | 0   | 30        |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45       | U *-           | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1                      | 2.86        | 1.281       |                | ug/L |   | 45   | 45 - 150    | 1   | 30        |
| Aramite Peak 2                      | 2.86        | 1.472       |                | ug/L |   | 52   | 45 - 150    | 1   | 30        |
| Aramite, Total                      | 5.71        | 2.753       |                | ug/L |   | 48   | 45 - 150    | 1   | 30        |
| Diallate                            | 5.71        | 2.945       |                | ug/L |   | 52   | 47 - 150    | 1   | 30        |
| Diallate Peak 1                     | 4.23        | 2.152       |                | ug/L |   | 51   | 47 - 150    | 2   | 30        |
| Diallate Peak 2                     | 1.49        | 0.7925      |                | ug/L |   | 53   | 53 - 142    | 1   | 30        |
| Ethyl methanesulfonate              | 5.71        | 3.046       |                | ug/L |   | 53   | 45 - 138    | 0   | 30        |
| Hexachloropropene                   | 5.71        | 3.050       |                | ug/L |   | 53   | 35 - 140    | 1   | 30        |
| Isosafrole                          | 5.71        | 2.952       |                | ug/L |   | 52   | 47 - 137    | 2   | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.4579      | J              | ug/L |   | 50   | 48 - 132    | 3   | 30        |
| Isosafrole Peak 2                   | 4.80        | 2.494       |                | ug/L |   | 52   | 47 - 137    | 2   | 30        |
| Methyl methanesulfonate             | 5.71        | 2.830       |                | ug/L |   | 50   | 33 - 140    | 1   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 2.591       | *-             | ug/L |   | 45   | 50 - 136    | 0   | 30        |
| N-Nitrosodimethylamine              | 5.71        | 3.168       |                | ug/L |   | 55   | 33 - 148    | 3   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 2.362       |                | ug/L |   | 41   | 30 - 150    | 2   | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 2.165       |                | ug/L |   | 38   | 30 - 148    | 1   | 30        |
| N-Nitrosomorpholine                 | 5.71        | 2.403       |                | ug/L |   | 42   | 40 - 140    | 1   | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 2.450       |                | ug/L |   | 43   | 20 - 130    | 2   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 2.722       |                | ug/L |   | 48   | 16 - 150    | 1   | 30        |
| Pentachloronitrobenzene             | 5.71        | 3.248       |                | ug/L |   | 57   | 38 - 145    | 6   | 30        |
| Phenacetin                          | 5.71        | 3.393       |                | ug/L |   | 59   | 50 - 150    | 5   | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U *- *1        | ug/L |   | 0    | 5 - 112     | 200 | 30        |
| Pronamide                           | 5.71        | 3.107       | *-             | ug/L |   | 54   | 60 - 150    | 1   | 30        |
| Safrole, Total                      | 5.71        | 2.982       | *-             | ug/L |   | 52   | 70 - 130    | 1   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 58             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 54             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 63             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 65             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 56             |                | 8 - 124  |
| p-Terphenyl-d14             | 56             |                | 28 - 130 |

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-275669/5-A

Matrix: Water

Analysis Batch: 275886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 275669

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                  |             |             |                |      |   |      |             |     |           |
| Dimethoate                       | 2.86        | 7.286       | *+             | ug/L |   | 255  | 70 - 150    | 1   | 30        |
| Dinoseb                          | 5.71        | 7.935       |                | ug/L |   | 139  | 10 - 150    | 4   | 30        |
| Disulfoton                       | 2.86        | 5.970       | *+             | ug/L |   | 209  | 80 - 150    | 2   | 30        |
| Ethyl Parathion                  | 2.86        | 5.268       | *+             | ug/L |   | 184  | 70 - 150    | 3   | 30        |
| Famphur                          | 2.86        | 1.862       |                | ug/L |   | 65   | 10 - 150    | 7   | 30        |
| Methapyrilene                    | 5.71        | 8.470       | I              | ug/L |   | 148  | 10 - 150    | 6   | 30        |
| Methyl parathion                 | 2.86        | 6.632       | *+             | ug/L |   | 232  | 80 - 150    | 0   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.355       |                | ug/L |   | 82   | 38 - 150    | 0   | 30        |
| Phorate                          | 2.86        | 5.576       | J *+           | ug/L |   | 195  | 65 - 150    | 0   | 30        |
| Sulfotepp                        | 2.86        | 6.053       | *+             | ug/L |   | 212  | 28 - 150    | 1   | 30        |
| Thionazin                        | 2.86        | 2.849       |                | ug/L |   | 100  | 40 - 140    | 2   | 30        |

| Surrogate                   | LCSD LCSD |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 65        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 55        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 61        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 69        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 58        |           | 8 - 124  |
| p-Terphenyl-d14             | 55        |           | 28 - 130 |

Lab Sample ID: MB 860-276655/1-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                      | MB MB   |           | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                              | Result  | Qualifier |       |        |      |   |                |                |         |
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276655/1-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,1'-Biphenyl               | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Aminobiphenyl             | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276655/1-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene          | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,3-Dinitrobenzene                  | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1,4-Naphthoquinone                  | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 1-Naphthylamine                     | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2,6-Dichlorophenol                  | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Acetylaminofluorene               | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Methapyrilene                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodimethylamine              | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pentachloronitrobenzene             | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenacetin                          | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| p-Phenylene diamine                 | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Pronamide                           | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276655/1-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276655

| Analyte        | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Sulfotepp      | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Thionazin      | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 80           |              | 26 - 136 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Fluorobiphenyl            | 73           |              | 39 - 130 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| 2-Fluorophenol (Surr)       | 81           |              | 19 - 120 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Nitrobenzene-d5 (Surr)      | 89           |              | 32 - 133 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| Phenol-d5 (Surr)            | 77           |              | 8 - 124  | 11/18/25 14:08 | 11/19/25 19:17 | 1       |
| p-Terphenyl-d14             | 76           |              | 28 - 130 | 11/18/25 14:08 | 11/19/25 19:17 | 1       |

Lab Sample ID: LCS 860-276655/2-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.739      |               | ug/L |   | 83   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 4.239      |               | ug/L |   | 74   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 4.150      |               | ug/L |   | 73   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 4.139      |               | ug/L |   | 72   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.848      |               | ug/L |   | 85   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 4.535      |               | ug/L |   | 79   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.802      |               | ug/L |   | 84   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 4.599      |               | ug/L |   | 80   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 4.486      |               | ug/L |   | 79   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 3.942      |               | ug/L |   | 69   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 4.769      | J             | ug/L |   | 83   | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 4.461      |               | ug/L |   | 78   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 4.531      |               | ug/L |   | 79   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 3.674      |               | ug/L |   | 64   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 4.173      |               | ug/L |   | 73   | 33 - 149    |
| 2-Methylphenol               | 5.71        | 5.198      |               | ug/L |   | 91   | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 4.472      |               | ug/L |   | 78   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 4.224      |               | ug/L |   | 74   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 4.195      |               | ug/L |   | 73   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 3.586      |               | ug/L |   | 63   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 4.314      |               | ug/L |   | 76   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.070      |               | ug/L |   | 71   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 4.556      |               | ug/L |   | 80   | 52 - 137    |
| 4-Chloroaniline              | 5.71        | 1.753      |               | ug/L |   | 31   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.119      |               | ug/L |   | 72   | 53 - 134    |
| 4-Nitroaniline               | 5.71        | 4.266      |               | ug/L |   | 75   | 45 - 148    |
| Acenaphthene                 | 5.71        | 4.204      |               | ug/L |   | 74   | 48 - 136    |
| Acenaphthylene               | 5.71        | 4.561      |               | ug/L |   | 80   | 40 - 149    |
| Aniline                      | 5.71        | 0.7956     | J             | ug/L |   | 14   | 10 - 73     |
| Anthracene                   | 5.71        | 4.086      |               | ug/L |   | 71   | 51 - 146    |
| Benzo[a]anthracene           | 5.71        | 5.383      |               | ug/L |   | 94   | 43 - 145    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276655/2-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Benzo[a]pyrene              | 5.71        | 4.063      |               | ug/L |   | 71   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 4.907      |               | ug/L |   | 86   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 4.488      |               | ug/L |   | 79   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.479      |               | ug/L |   | 78   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 2.673      | J             | ug/L |   | 47   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.181      |               | ug/L |   | 73   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 4.121      |               | ug/L |   | 72   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.739      |               | ug/L |   | 83   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 4.437      |               | ug/L |   | 78   | 60 - 150    |
| Chrysene                    | 5.71        | 4.318      |               | ug/L |   | 76   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.067      |               | ug/L |   | 71   | 50 - 147    |
| Dibenzofuran                | 5.71        | 3.977      |               | ug/L |   | 70   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.763      |               | ug/L |   | 83   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.194      |               | ug/L |   | 73   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 4.967      |               | ug/L |   | 87   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.471      |               | ug/L |   | 96   | 55 - 150    |
| Fluoranthene                | 5.71        | 4.463      |               | ug/L |   | 78   | 50 - 144    |
| Fluorene                    | 5.71        | 4.101      |               | ug/L |   | 72   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 3.968      |               | ug/L |   | 69   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 4.275      |               | ug/L |   | 75   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 4.676      |               | ug/L |   | 82   | 24 - 150    |
| Hexachloroethane            | 5.71        | 4.563      |               | ug/L |   | 80   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.978      |               | ug/L |   | 70   | 46 - 138    |
| Isophorone                  | 5.71        | 4.453      |               | ug/L |   | 78   | 48 - 147    |
| Naphthalene                 | 5.71        | 4.010      |               | ug/L |   | 70   | 35 - 141    |
| Nitrobenzene                | 5.71        | 4.150      |               | ug/L |   | 73   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.334      |               | ug/L |   | 76   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 4.265      |               | ug/L |   | 75   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 5.514      |               | ug/L |   | 96   | 33 - 150    |
| Phenanthrene                | 5.71        | 4.111      |               | ug/L |   | 72   | 54 - 141    |
| Phenol                      | 5.71        | 4.427      | I             | ug/L |   | 77   | 40 - 145    |
| Pyrene                      | 5.71        | 4.463      |               | ug/L |   | 78   | 50 - 143    |
| Pyridine                    | 5.71        | 1.511      | J             | ug/L |   | 26   | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.072      |               | ug/L |   | 54   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.141      |               | ug/L |   | 90   | 60 - 150    |
| Acetophenone                | 5.71        | 3.935      |               | ug/L |   | 69   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 3.309      |               | ug/L |   | 58   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 4.310      |               | ug/L |   | 75   | 52 - 128    |
| Diphenyl ether              | 5.71        | 4.000      |               | ug/L |   | 70   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.960      |               | ug/L |   | 69   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 2.310      |               | ug/L |   | 40   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.181      |               | ug/L |   | 73   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 4.023      |               | ug/L |   | 70   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 4.538      |               | ug/L |   | 79   | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 4.051      |               | ug/L |   | 71   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.375      |               | ug/L |   | 24   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 4.339      |               | ug/L |   | 76   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 3.619      |               | ug/L |   | 63   | 45 - 150    |
| 2-Chlorophenol              | 5.71        | 4.160      |               | ug/L |   | 73   | 51 - 143    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276655/2-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Naphthylamine                     | 5.71        | 1.516      |               | ug/L |   | 27   | 17 - 130    |
| 2-Picoline                          | 5.71        | <1.03      | U             | ug/L |   | 12   | 10 - 143    |
| 2-Toluidine                         | 5.71        | 0.8799     |               | ug/L |   | 15   | 10 - 130    |
| 3,3'-Dichlorobenzidine              | 5.71        | 3.566      |               | ug/L |   | 62   | 10 - 128    |
| 3,3'-Dimethylbenzidine              | 5.71        | 0.6716     |               | ug/L |   | 12   | 10 - 130    |
| 3-Methylcholanthrene                | 5.71        | 3.876      |               | ug/L |   | 68   | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | 5.71        | 3.305      |               | ug/L |   | 58   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.413      |               | ug/L |   | 77   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.590      | J             | ug/L |   | 28   | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 1.972      |               | ug/L |   | 69   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 2.068      |               | ug/L |   | 72   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 3.167      |               | ug/L |   | 75   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 1.117      |               | ug/L |   | 75   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 4.051      |               | ug/L |   | 71   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 4.234      |               | ug/L |   | 74   | 35 - 140    |
| Isosafrole                          | 5.71        | 4.153      |               | ug/L |   | 73   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.6372     |               | ug/L |   | 70   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 3.516      |               | ug/L |   | 73   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 3.913      |               | ug/L |   | 68   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 3.398      |               | ug/L |   | 59   | 50 - 136    |
| N-Nitrosodimethylamine              | 5.71        | 4.403      |               | ug/L |   | 77   | 33 - 148    |
| N-Nitrosodi-n-butylamine            | 5.71        | 3.499      |               | ug/L |   | 61   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 3.335      |               | ug/L |   | 58   | 30 - 148    |
| N-Nitrosomorpholine                 | 5.71        | 3.366      |               | ug/L |   | 59   | 40 - 140    |
| N-Nitrosopyrrolidine                | 5.71        | 3.413      |               | ug/L |   | 60   | 20 - 130    |
| p-Dimethylamino azobenzene          | 5.71        | 3.597      |               | ug/L |   | 63   | 16 - 150    |
| Pentachloronitrobenzene             | 5.71        | 4.550      |               | ug/L |   | 80   | 38 - 145    |
| Phenacetin                          | 5.71        | 4.848      |               | ug/L |   | 85   | 50 - 150    |
| p-Phenylene diamine                 | 5.71        | <5.71      | U             | ug/L |   | 27   | 5 - 112     |
| Pronamide                           | 5.71        | 4.504      |               | ug/L |   | 79   | 60 - 150    |
| Safrole, Total                      | 5.71        | 4.180      |               | ug/L |   | 73   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 84            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 74            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 79            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 97            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 78            |               | 8 - 124  |
| p-Terphenyl-d14             | 78            |               | 28 - 130 |

Lab Sample ID: LCS 860-276655/4-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate | 2.86        | 9.005      | E *+          | ug/L |   | 315  | 70 - 150    |
| Dinoseb    | 5.71        | 9.171      | *+            | ug/L |   | 160  | 10 - 150    |
| Disulfoton | 2.86        | 7.607      | *+            | ug/L |   | 266  | 80 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276655/4-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Ethyl Parathion                  | 2.86        | 5.967      | *+            | ug/L |   | 209  | 70 - 150    |
| Famphur                          | 2.86        | 2.357      |               | ug/L |   | 83   | 10 - 150    |
| Methapyrilene                    | 5.71        | 9.044      | I *+          | ug/L |   | 158  | 10 - 150    |
| Methyl parathion                 | 2.86        | 8.078      | *+            | ug/L |   | 283  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.221      |               | ug/L |   | 113  | 38 - 150    |
| Phorate                          | 2.86        | 7.590      | *+            | ug/L |   | 266  | 65 - 150    |
| Sulfotepp                        | 2.86        | 8.232      | *+            | ug/L |   | 288  | 28 - 150    |
| Thionazin                        | 2.86        | 3.568      |               | ug/L |   | 125  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 69            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 67            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 69            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 87            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 70            |               | 8 - 124  |
| p-Terphenyl-d14             | 67            |               | 28 - 130 |

Lab Sample ID: LCSD 860-276655/3-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.601       |                | ug/L |   | 81   | 55 - 120    | 3   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.105       |                | ug/L |   | 72   | 65 - 130    | 3   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.005       |                | ug/L |   | 70   | 26 - 130    | 4   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 3.988       |                | ug/L |   | 70   | 60 - 150    | 4   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.635       |                | ug/L |   | 81   | 65 - 145    | 5   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 4.478       |                | ug/L |   | 78   | 58 - 150    | 1   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.702       |                | ug/L |   | 82   | 39 - 145    | 2   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.527       |                | ug/L |   | 79   | 60 - 147    | 2   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.338       |                | ug/L |   | 76   | 58 - 140    | 3   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.760       |                | ug/L |   | 66   | 31 - 145    | 5   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 4.595       | J              | ug/L |   | 80   | 10 - 150    | 4   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 4.307       |                | ug/L |   | 75   | 29 - 150    | 4   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 4.498       |                | ug/L |   | 79   | 55 - 150    | 1   | 30        |
| 2-Chloronaphthalene          | 5.71        | 3.547       |                | ug/L |   | 62   | 39 - 141    | 4   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.115       |                | ug/L |   | 72   | 33 - 149    | 1   | 30        |
| 2-Methylphenol               | 5.71        | 5.078       |                | ug/L |   | 89   | 49 - 140    | 2   | 30        |
| 2-Nitroaniline               | 5.71        | 4.444       |                | ug/L |   | 78   | 42 - 150    | 1   | 30        |
| 2-Nitrophenol                | 5.71        | 4.127       |                | ug/L |   | 72   | 43 - 150    | 2   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 4.055       |                | ug/L |   | 71   | 39 - 142    | 3   | 30        |
| 3-Nitroaniline               | 5.71        | 3.456       |                | ug/L |   | 60   | 25 - 130    | 4   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 4.245       |                | ug/L |   | 74   | 10 - 150    | 2   | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.041       |                | ug/L |   | 71   | 56 - 136    | 1   | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.487       |                | ug/L |   | 79   | 52 - 137    | 2   | 30        |
| 4-Chloroaniline              | 5.71        | 1.822       |                | ug/L |   | 32   | 10 - 95     | 4   | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.042       |                | ug/L |   | 71   | 53 - 134    | 2   | 30        |
| 4-Nitroaniline               | 5.71        | 4.144       |                | ug/L |   | 73   | 45 - 148    | 3   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276655/3-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits |  | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|--|-----|-----------|
|                             |             |             |                |      |   |      |             |  |     |           |
| Acenaphthene                | 5.71        | 4.131       |                | ug/L |   | 72   | 48 - 136    |  | 2   | 30        |
| Acenaphthylene              | 5.71        | 4.475       |                | ug/L |   | 78   | 40 - 149    |  | 2   | 30        |
| Aniline                     | 5.71        | 0.8635      | J              | ug/L |   | 15   | 10 - 73     |  | 8   | 30        |
| Anthracene                  | 5.71        | 4.198       |                | ug/L |   | 73   | 51 - 146    |  | 3   | 30        |
| Benzo[a]anthracene          | 5.71        | 5.509       |                | ug/L |   | 96   | 43 - 145    |  | 2   | 30        |
| Benzo[a]pyrene              | 5.71        | 3.849       |                | ug/L |   | 67   | 52 - 136    |  | 5   | 30        |
| Benzo[b]fluoranthene        | 5.71        | 4.898       |                | ug/L |   | 86   | 45 - 140    |  | 0   | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 4.266       |                | ug/L |   | 75   | 44 - 137    |  | 5   | 30        |
| Benzo[k]fluoranthene        | 5.71        | 4.660       |                | ug/L |   | 82   | 37 - 140    |  | 4   | 30        |
| Benzyl alcohol              | 5.71        | 2.614       | J              | ug/L |   | 46   | 40 - 133    |  | 2   | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 3.959       |                | ug/L |   | 69   | 52 - 143    |  | 5   | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 3.946       |                | ug/L |   | 69   | 52 - 140    |  | 4   | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.869       |                | ug/L |   | 85   | 50 - 140    |  | 3   | 30        |
| Butyl benzyl phthalate      | 5.71        | 4.372       |                | ug/L |   | 77   | 60 - 150    |  | 1   | 30        |
| Chrysene                    | 5.71        | 4.454       |                | ug/L |   | 78   | 47 - 137    |  | 3   | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 3.803       |                | ug/L |   | 67   | 50 - 147    |  | 7   | 30        |
| Dibenzofuran                | 5.71        | 3.877       |                | ug/L |   | 68   | 52 - 139    |  | 3   | 30        |
| Diethyl phthalate           | 5.71        | 4.779       |                | ug/L |   | 84   | 55 - 137    |  | 0   | 30        |
| Dimethyl phthalate          | 5.71        | 4.149       |                | ug/L |   | 73   | 44 - 150    |  | 1   | 30        |
| Di-n-butyl phthalate        | 5.71        | 4.765       |                | ug/L |   | 83   | 49 - 146    |  | 4   | 30        |
| Di-n-octyl phthalate        | 5.71        | 5.600       |                | ug/L |   | 98   | 55 - 150    |  | 2   | 30        |
| Fluoranthene                | 5.71        | 4.398       |                | ug/L |   | 77   | 50 - 144    |  | 1   | 30        |
| Fluorene                    | 5.71        | 4.017       |                | ug/L |   | 70   | 54 - 136    |  | 2   | 30        |
| Hexachlorobenzene           | 5.71        | 3.934       |                | ug/L |   | 69   | 55 - 138    |  | 1   | 30        |
| Hexachlorobutadiene         | 5.71        | 4.140       |                | ug/L |   | 72   | 45 - 150    |  | 3   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 4.622       |                | ug/L |   | 81   | 24 - 150    |  | 1   | 30        |
| Hexachloroethane            | 5.71        | 4.414       |                | ug/L |   | 77   | 30 - 130    |  | 3   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 3.766       |                | ug/L |   | 66   | 46 - 138    |  | 5   | 30        |
| Isophorone                  | 5.71        | 4.275       |                | ug/L |   | 75   | 48 - 147    |  | 4   | 30        |
| Naphthalene                 | 5.71        | 3.954       |                | ug/L |   | 69   | 35 - 141    |  | 1   | 30        |
| Nitrobenzene                | 5.71        | 4.101       |                | ug/L |   | 72   | 52 - 141    |  | 1   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.156       |                | ug/L |   | 73   | 41 - 137    |  | 4   | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 4.191       |                | ug/L |   | 73   | 51 - 135    |  | 2   | 30        |
| Pentachlorophenol           | 5.71        | 5.347       |                | ug/L |   | 94   | 33 - 150    |  | 3   | 30        |
| Phenanthrene                | 5.71        | 4.126       |                | ug/L |   | 72   | 54 - 141    |  | 0   | 30        |
| Phenol                      | 5.71        | 4.245       | I              | ug/L |   | 74   | 40 - 145    |  | 4   | 30        |
| Pyrene                      | 5.71        | 4.448       |                | ug/L |   | 78   | 50 - 143    |  | 0   | 30        |
| Pyridine                    | 5.71        | 1.706       | J              | ug/L |   | 30   | 10 - 84     |  | 12  | 30        |
| N-Nitro-o-toluidine         | 5.71        | 3.082       |                | ug/L |   | 54   | 29 - 141    |  | 0   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.225       |                | ug/L |   | 91   | 60 - 150    |  | 2   | 30        |
| Acetophenone                | 5.71        | 3.757       |                | ug/L |   | 66   | 52 - 136    |  | 5   | 30        |
| N-Nitrosopiperidine         | 5.71        | 3.240       |                | ug/L |   | 57   | 36 - 148    |  | 2   | 30        |
| Pentachlorobenzene          | 5.71        | 4.366       |                | ug/L |   | 76   | 52 - 128    |  | 1   | 30        |
| Diphenyl ether              | 5.71        | 3.969       |                | ug/L |   | 69   | 46 - 130    |  | 1   | 30        |
| 1,1'-Biphenyl               | 5.71        | 3.885       |                | ug/L |   | 68   | 39 - 142    |  | 2   | 30        |
| 4-Aminobiphenyl             | 5.71        | 2.258       |                | ug/L |   | 40   | 10 - 115    |  | 2   | 30        |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.099       |                | ug/L |   | 72   | 46 - 125    |  | 2   | 30        |
| 1,3,5-Trinitrobenzene       | 5.71        | 4.195       |                | ug/L |   | 73   | 42 - 130    |  | 4   | 30        |
| 1,3-Dinitrobenzene          | 5.71        | 4.419       |                | ug/L |   | 77   | 65 - 150    |  | 3   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276655/3-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,4-Naphthoquinone                  | 5.71        | 3.972       |                | ug/L |   | 70   | 24 - 137    | 2   | 30        |
| 1-Naphthylamine                     | 5.71        | 1.401       |                | ug/L |   | 25   | 10 - 130    | 2   | 30        |
| 2,6-Dichlorophenol                  | 5.71        | 4.227       |                | ug/L |   | 74   | 42 - 145    | 3   | 30        |
| 2-Acetylaminofluorene               | 5.71        | 3.489       |                | ug/L |   | 61   | 45 - 150    | 4   | 30        |
| 2-Chlorophenol                      | 5.71        | 3.989       |                | ug/L |   | 70   | 51 - 143    | 4   | 30        |
| 2-Naphthylamine                     | 5.71        | 1.570       |                | ug/L |   | 27   | 17 - 130    | 3   | 30        |
| 2-Picoline                          | 5.71        | <1.03       | U              | ug/L |   | 13   | 10 - 143    | 2   | 30        |
| 2-Toluidine                         | 5.71        | 0.9769      |                | ug/L |   | 17   | 10 - 130    | 10  | 30        |
| 3,3'-Dichlorobenzidine              | 5.71        | 3.939       |                | ug/L |   | 69   | 10 - 128    | 10  | 30        |
| 3,3'-Dimethylbenzidine              | 5.71        | 0.5993      |                | ug/L |   | 10   | 10 - 130    | 11  | 30        |
| 3-Methylcholanthrene                | 5.71        | 3.592       |                | ug/L |   | 63   | 53 - 130    | 8   | 30        |
| 4-Nitroquinoline-1-oxide            | 5.71        | 3.108       |                | ug/L |   | 54   | 20 - 140    | 6   | 30        |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.448       |                | ug/L |   | 78   | 27 - 146    | 1   | 30        |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45       | U              | ug/L |   | 23   | 5 - 150     | 20  | 30        |
| Aramite Peak 1                      | 2.86        | 1.952       |                | ug/L |   | 68   | 45 - 150    | 1   | 30        |
| Aramite Peak 2                      | 2.86        | 2.011       |                | ug/L |   | 70   | 45 - 150    | 3   | 30        |
| Diallate Peak 1                     | 4.23        | 3.053       |                | ug/L |   | 72   | 47 - 150    | 4   | 30        |
| Diallate Peak 2                     | 1.49        | 1.116       |                | ug/L |   | 75   | 53 - 142    | 0   | 30        |
| Ethyl methanesulfonate              | 5.71        | 3.936       |                | ug/L |   | 69   | 45 - 138    | 3   | 30        |
| Hexachloropropene                   | 5.71        | 4.037       |                | ug/L |   | 71   | 35 - 140    | 5   | 30        |
| Isosafrole                          | 5.71        | 4.053       |                | ug/L |   | 71   | 47 - 137    | 2   | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.6193      |                | ug/L |   | 68   | 48 - 132    | 3   | 30        |
| Isosafrole Peak 2                   | 4.80        | 3.434       |                | ug/L |   | 72   | 47 - 137    | 2   | 30        |
| Methyl methanesulfonate             | 5.71        | 3.864       |                | ug/L |   | 68   | 33 - 140    | 1   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 3.271       |                | ug/L |   | 57   | 50 - 136    | 4   | 30        |
| N-Nitrosodimethylamine              | 5.71        | 4.256       |                | ug/L |   | 74   | 33 - 148    | 3   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 3.438       |                | ug/L |   | 60   | 30 - 150    | 2   | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 3.178       |                | ug/L |   | 56   | 30 - 148    | 5   | 30        |
| N-Nitrosomorpholine                 | 5.71        | 3.233       |                | ug/L |   | 57   | 40 - 140    | 4   | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 3.351       |                | ug/L |   | 59   | 20 - 130    | 2   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 3.617       |                | ug/L |   | 63   | 16 - 150    | 1   | 30        |
| Pentachloronitrobenzene             | 5.71        | 4.334       |                | ug/L |   | 76   | 38 - 145    | 5   | 30        |
| Phenacetin                          | 5.71        | 4.837       |                | ug/L |   | 85   | 50 - 150    | 0   | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U              | ug/L |   | 28   | 5 - 112     | 0   | 30        |
| Pronamide                           | 5.71        | 4.471       |                | ug/L |   | 78   | 60 - 150    | 1   | 30        |
| Safrole, Total                      | 5.71        | 4.088       |                | ug/L |   | 72   | 70 - 130    | 2   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 84             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 73             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 80             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 92             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 77             |                | 8 - 124  |
| p-Terphenyl-d14             | 77             |                | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276655/5-A

Matrix: Water

Analysis Batch: 276932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276655

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                  |             |             |                |      |   |      |             |     |           |
| Dimethoate                       | 2.86        | 9.164       | *+ E           | ug/L |   | 321  | 70 - 150    | 2   | 30        |
| Dinoseb                          | 5.71        | 9.593       | *+             | ug/L |   | 168  | 10 - 150    | 4   | 30        |
| Disulfoton                       | 2.86        | 7.822       | *+             | ug/L |   | 274  | 80 - 150    | 3   | 30        |
| Ethyl Parathion                  | 2.86        | 6.266       | *+             | ug/L |   | 219  | 70 - 150    | 5   | 30        |
| Famphur                          | 2.86        | 2.442       |                | ug/L |   | 85   | 10 - 150    | 4   | 30        |
| Methapyrilene                    | 5.71        | 9.647       | *+ I           | ug/L |   | 169  | 10 - 150    | 6   | 30        |
| Methyl parathion                 | 2.86        | 8.195       | *+             | ug/L |   | 287  | 80 - 150    | 1   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.187       |                | ug/L |   | 112  | 38 - 150    | 1   | 30        |
| Phorate                          | 2.86        | 7.502       | *+             | ug/L |   | 263  | 65 - 150    | 1   | 30        |
| Sulfotepp                        | 2.86        | 8.489       | *+             | ug/L |   | 297  | 28 - 150    | 3   | 30        |
| Thionazin                        | 2.86        | 3.729       |                | ug/L |   | 131  | 40 - 140    | 4   | 30        |

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 72        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 67        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 72        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 85        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 75        |           | 8 - 124  |
| p-Terphenyl-d14             | 69        |           | 28 - 130 |

Lab Sample ID: MB 860-279016/1-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                      | MB      |           | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
|                              | Result  | Qualifier |       |        |      |   |                |                |         |
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U         | 1.14  | 0.513  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-279016/1-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                     | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4-Chloroaniline             | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 4-Nitroaniline              | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Acenaphthene                | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Acenaphthylene              | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Aniline                     | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Anthracene                  | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Benzo[a]anthracene          | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Benzo[a]pyrene              | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Benzo[b]fluoranthene        | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Benzo[g,h,i]perylene        | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Benzo[k]fluoranthene        | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Benzyl alcohol              | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Bis(2-chloroethyl)ether     | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Butyl benzyl phthalate      | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Chrysene                    | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Dibenz(a,h)anthracene       | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Dibenzofuran                | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Diethyl phthalate           | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Dimethyl phthalate          | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Di-n-butyl phthalate        | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Di-n-octyl phthalate        | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Fluoranthene                | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Fluorene                    | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Hexachlorobenzene           | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Hexachlorobutadiene         | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Hexachlorocyclopentadiene   | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Hexachloroethane            | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Isophorone                  | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Naphthalene                 | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Nitrobenzene                | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosodiphenylamine      | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Pentachlorophenol           | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Phenanthrene                | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Phenol                      | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Pyrene                      | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Pyridine                    | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitro-o-toluidine         | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Acetophenone                | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosopiperidine         | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Pentachlorobenzene          | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Diphenyl ether              | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,1'-Biphenyl               | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 4-Aminobiphenyl             | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-279016/1-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4,5-Tetrachlorobenzene          | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,3-Dinitrobenzene                  | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1,4-Naphthoquinone                  | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 1-Naphthylamine                     | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2,6-Dichlorophenol                  | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Acetylaminofluorene               | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Ethyl Parathion                     | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Famphur                             | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Hexachloropropene                   | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Isosafrole                          | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Isosafrole Peak 1                   | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Isosafrole Peak 2                   | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Methapyrilene                       | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Methyl methanesulfonate             | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Methyl parathion                    | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosodiethylamine               | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosodimethylamine              | <0.159    | U            | 0.571 | 0.159  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosodi-n-butylamine            | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosomethylethylamine           | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosomorpholine                 | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| N-Nitrosopyrrolidine                | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| o,o',o"-Triethylphosphorothioate    | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| p-Dimethylamino azobenzene          | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Pentachloronitrobenzene             | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Phenacetin                          | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Phorate                             | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| p-Phenylene diamine                 | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Pronamide                           | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-279016/1-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 279016

| Analyte        | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Safrole, Total | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Sulfotepp      | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Thionazin      | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 12/01/25 14:58 | 12/02/25 14:55 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 62           |              | 26 - 136 | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Fluorobiphenyl            | 58           |              | 39 - 130 | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| 2-Fluorophenol (Surr)       | 64           |              | 19 - 120 | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Nitrobenzene-d5 (Surr)      | 61           |              | 32 - 133 | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| Phenol-d5 (Surr)            | 60           |              | 8 - 124  | 12/01/25 14:58 | 12/02/25 14:55 | 1       |
| p-Terphenyl-d14             | 67           |              | 28 - 130 | 12/01/25 14:58 | 12/02/25 14:55 | 1       |

Lab Sample ID: LCS 860-279016/2-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2,4-Trichlorobenzene       | 5.71        | 4.671      |               | ug/L |   | 82   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71        | 4.484      |               | ug/L |   | 78   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71        | 4.303      |               | ug/L |   | 75   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71        | 4.307      |               | ug/L |   | 75   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.205      |               | ug/L |   | 74   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71        | 5.021      |               | ug/L |   | 88   | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71        | 4.972      |               | ug/L |   | 87   | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71        | 4.565      |               | ug/L |   | 80   | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71        | 4.563      |               | ug/L |   | 80   | 58 - 140    |
| 1,4-Dioxane                  | 5.71        | 2.051      |               | ug/L |   | 36   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71        | 6.540      |               | ug/L |   | 114  | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71        | 5.375      |               | ug/L |   | 94   | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71        | 5.132      |               | ug/L |   | 90   | 55 - 150    |
| 2-Chloronaphthalene          | 5.71        | 4.431      |               | ug/L |   | 78   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71        | 4.335      |               | ug/L |   | 76   | 33 - 149    |
| 2-Methylphenol               | 5.71        | 5.437      |               | ug/L |   | 95   | 49 - 140    |
| 2-Nitroaniline               | 5.71        | 4.994      |               | ug/L |   | 87   | 42 - 150    |
| 2-Nitrophenol                | 5.71        | 5.187      |               | ug/L |   | 91   | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71        | 4.308      |               | ug/L |   | 75   | 39 - 142    |
| 3-Nitroaniline               | 5.71        | 2.707      |               | ug/L |   | 47   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 5.680      |               | ug/L |   | 99   | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.409      |               | ug/L |   | 77   | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71        | 4.528      |               | ug/L |   | 79   | 52 - 137    |
| 4-Chloroaniline              | 5.71        | 0.5509     | J             | ug/L |   | 10   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.102      |               | ug/L |   | 72   | 53 - 134    |
| 4-Nitroaniline               | 5.71        | 4.871      |               | ug/L |   | 85   | 45 - 148    |
| Acenaphthene                 | 5.71        | 4.413      |               | ug/L |   | 77   | 48 - 136    |
| Acenaphthylene               | 5.71        | 4.606      |               | ug/L |   | 81   | 40 - 149    |
| Aniline                      | 5.71        | <0.450     | U *           | ug/L |   | 0    | 10 - 73     |
| Anthracene                   | 5.71        | 5.064      |               | ug/L |   | 89   | 51 - 146    |
| Benzo[a]anthracene           | 5.71        | 4.520      |               | ug/L |   | 79   | 43 - 145    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-279016/2-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Benzo[a]pyrene              | 5.71        | 4.292      |               | ug/L |   | 75   | 52 - 136    |
| Benzo[b]fluoranthene        | 5.71        | 4.468      |               | ug/L |   | 78   | 45 - 140    |
| Benzo[g,h,i]perylene        | 5.71        | 4.183      | I             | ug/L |   | 73   | 44 - 137    |
| Benzo[k]fluoranthene        | 5.71        | 4.608      |               | ug/L |   | 81   | 37 - 140    |
| Benzyl alcohol              | 5.71        | 1.135      | J *           | ug/L |   | 20   | 40 - 133    |
| Bis(2-chloroethoxy)methane  | 5.71        | 4.697      |               | ug/L |   | 82   | 52 - 143    |
| Bis(2-chloroethyl)ether     | 5.71        | 4.673      |               | ug/L |   | 82   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.459      |               | ug/L |   | 78   | 50 - 140    |
| Butyl benzyl phthalate      | 5.71        | 5.465      |               | ug/L |   | 96   | 60 - 150    |
| Chrysene                    | 5.71        | 4.335      |               | ug/L |   | 76   | 47 - 137    |
| Dibenz(a,h)anthracene       | 5.71        | 4.322      |               | ug/L |   | 76   | 50 - 147    |
| Dibenzofuran                | 5.71        | 4.440      |               | ug/L |   | 78   | 52 - 139    |
| Diethyl phthalate           | 5.71        | 4.678      |               | ug/L |   | 82   | 55 - 137    |
| Dimethyl phthalate          | 5.71        | 4.625      |               | ug/L |   | 81   | 44 - 150    |
| Di-n-butyl phthalate        | 5.71        | 5.014      |               | ug/L |   | 88   | 49 - 146    |
| Di-n-octyl phthalate        | 5.71        | 5.543      |               | ug/L |   | 97   | 55 - 150    |
| Fluoranthene                | 5.71        | 5.490      |               | ug/L |   | 96   | 50 - 144    |
| Fluorene                    | 5.71        | 4.372      |               | ug/L |   | 77   | 54 - 136    |
| Hexachlorobenzene           | 5.71        | 4.853      |               | ug/L |   | 85   | 55 - 138    |
| Hexachlorobutadiene         | 5.71        | 4.728      |               | ug/L |   | 83   | 45 - 150    |
| Hexachlorocyclopentadiene   | 5.71        | 5.443      |               | ug/L |   | 95   | 24 - 150    |
| Hexachloroethane            | 5.71        | 4.423      |               | ug/L |   | 77   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.187      |               | ug/L |   | 73   | 46 - 138    |
| Isophorone                  | 5.71        | 4.400      |               | ug/L |   | 77   | 48 - 147    |
| Naphthalene                 | 5.71        | 4.374      |               | ug/L |   | 77   | 35 - 141    |
| Nitrobenzene                | 5.71        | 4.764      |               | ug/L |   | 83   | 52 - 141    |
| N-Nitrosodi-n-propylamine   | 5.71        | 4.726      |               | ug/L |   | 83   | 41 - 137    |
| N-Nitrosodiphenylamine      | 5.71        | 4.518      |               | ug/L |   | 79   | 51 - 135    |
| Pentachlorophenol           | 5.71        | 4.734      |               | ug/L |   | 83   | 33 - 150    |
| Phenanthrene                | 5.71        | 5.047      |               | ug/L |   | 88   | 54 - 141    |
| Phenol                      | 5.71        | 3.950      |               | ug/L |   | 69   | 40 - 145    |
| Pyrene                      | 5.71        | 5.289      |               | ug/L |   | 93   | 50 - 143    |
| Pyridine                    | 5.71        | <0.837     | U *           | ug/L |   | 0    | 10 - 84     |
| N-Nitro-o-toluidine         | 5.71        | 3.460      |               | ug/L |   | 61   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 4.806      |               | ug/L |   | 84   | 60 - 150    |
| Acetophenone                | 5.71        | 3.405      |               | ug/L |   | 60   | 52 - 136    |
| N-Nitrosopiperidine         | 5.71        | 3.685      |               | ug/L |   | 64   | 36 - 148    |
| Pentachlorobenzene          | 5.71        | 3.472      |               | ug/L |   | 61   | 52 - 128    |
| Diphenyl ether              | 5.71        | 3.324      |               | ug/L |   | 58   | 46 - 130    |
| 1,1'-Biphenyl               | 5.71        | 3.504      |               | ug/L |   | 61   | 39 - 142    |
| 4-Aminobiphenyl             | 5.71        | 1.658      |               | ug/L |   | 29   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 3.641      |               | ug/L |   | 64   | 46 - 125    |
| 1,3,5-Trinitrobenzene       | 5.71        | 4.180      |               | ug/L |   | 73   | 42 - 130    |
| 1,3-Dinitrobenzene          | 5.71        | 5.728      |               | ug/L |   | 100  | 65 - 150    |
| 1,4-Naphthoquinone          | 5.71        | 3.957      |               | ug/L |   | 69   | 24 - 137    |
| 1-Naphthylamine             | 5.71        | 1.321      |               | ug/L |   | 23   | 10 - 130    |
| 2,6-Dichlorophenol          | 5.71        | 3.291      |               | ug/L |   | 58   | 42 - 145    |
| 2-Acetylaminofluorene       | 5.71        | 5.277      |               | ug/L |   | 92   | 45 - 150    |
| 2-Chlorophenol              | 5.71        | 4.482      |               | ug/L |   | 78   | 51 - 143    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-279016/2-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Naphthylamine                     | 5.71        | 1.118      |               | ug/L |   | 20   | 17 - 130    |
| 2-Picoline                          | 5.71        | <1.03      | U *-          | ug/L |   | 0    | 10 - 143    |
| 2-Toluidine                         | 5.71        | <0.424     | U *-          | ug/L |   | 4    | 10 - 130    |
| 3,3'-Dichlorobenzidine              | 5.71        | <0.650     | U *-          | ug/L |   | 1    | 10 - 128    |
| 3,3'-Dimethylbenzidine              | 5.71        | 0.8307     |               | ug/L |   | 15   | 10 - 130    |
| 3-Methylcholanthrene                | 5.71        | 3.374      |               | ug/L |   | 59   | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | 5.71        | 4.175      |               | ug/L |   | 73   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 3.563      |               | ug/L |   | 62   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45      | U *-          | ug/L |   | 0    | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 2.142      |               | ug/L |   | 75   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 2.240      |               | ug/L |   | 78   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 2.696      |               | ug/L |   | 64   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 0.9408     |               | ug/L |   | 63   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 3.581      |               | ug/L |   | 63   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 4.307      |               | ug/L |   | 75   | 35 - 140    |
| Isosafrole                          | 5.71        | 3.612      |               | ug/L |   | 63   | 47 - 137    |
| Isosafrole Peak 1                   | 0.914       | 0.5781     |               | ug/L |   | 63   | 48 - 132    |
| Isosafrole Peak 2                   | 4.80        | 3.034      |               | ug/L |   | 63   | 47 - 137    |
| Methyl methanesulfonate             | 5.71        | 3.367      |               | ug/L |   | 59   | 33 - 140    |
| N-Nitrosodiethylamine               | 5.71        | 3.597      |               | ug/L |   | 63   | 50 - 136    |
| N-Nitrosodimethylamine              | 5.71        | 4.607      |               | ug/L |   | 81   | 33 - 148    |
| N-Nitrosodi-n-butylamine            | 5.71        | 4.242      |               | ug/L |   | 74   | 30 - 150    |
| N-Nitrosomethylethylamine           | 5.71        | 3.637      |               | ug/L |   | 64   | 30 - 148    |
| N-Nitrosomorpholine                 | 5.71        | 3.501      |               | ug/L |   | 61   | 40 - 140    |
| N-Nitrosopyrrolidine                | 5.71        | 3.839      |               | ug/L |   | 67   | 20 - 130    |
| p-Dimethylamino azobenzene          | 5.71        | 4.739      |               | ug/L |   | 83   | 16 - 150    |
| Pentachloronitrobenzene             | 5.71        | 3.881      |               | ug/L |   | 68   | 38 - 145    |
| Phenacetin                          | 5.71        | 3.923      |               | ug/L |   | 69   | 50 - 150    |
| p-Phenylene diamine                 | 5.71        | <5.71      | U *-          | ug/L |   | 0    | 5 - 112     |
| Pronamide                           | 5.71        | 3.883      |               | ug/L |   | 68   | 60 - 150    |
| Safrole, Total                      | 5.71        | 3.566      | *-            | ug/L |   | 62   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 66            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 63            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 65            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 65            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 64            |               | 8 - 124  |
| p-Terphenyl-d14             | 71            |               | 28 - 130 |

Lab Sample ID: LCS 860-279016/4-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 279016

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Dimethoate | 2.86        | 8.323      | *+            | ug/L |   | 291  | 70 - 150    |
| Dinoseb    | 5.71        | 9.338      | *+            | ug/L |   | 163  | 10 - 150    |
| Disulfoton | 2.86        | 7.646      | *+            | ug/L |   | 268  | 80 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-279016/4-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Ethyl Parathion                  | 2.86        | 8.438      | *+            | ug/L |   | 295  | 70 - 150    |
| Famphur                          | 2.86        | 4.521      | *+            | ug/L |   | 158  | 10 - 150    |
| Methapyrilene                    | 5.71        | 11.71      | *+            | ug/L |   | 205  | 10 - 150    |
| Methyl parathion                 | 2.86        | 8.738      | *+            | ug/L |   | 306  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 2.911      |               | ug/L |   | 102  | 38 - 150    |
| Phorate                          | 2.86        | 7.409      | *+            | ug/L |   | 259  | 65 - 150    |
| Sulfotepp                        | 2.86        | 7.413      | *+            | ug/L |   | 259  | 28 - 150    |
| Thionazin                        | 2.86        | 3.519      |               | ug/L |   | 123  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 61            |               | 26 - 136 |
| 2-Fluorobiphenyl            | 59            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 59            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 58            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 56            |               | 8 - 124  |
| p-Terphenyl-d14             | 65            |               | 28 - 130 |

Lab Sample ID: LCSD 860-279016/3-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.064       |                | ug/L |   | 89   | 55 - 120    | 8   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 4.876       |                | ug/L |   | 85   | 65 - 130    | 8   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 4.853       |                | ug/L |   | 85   | 26 - 130    | 12  | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 4.814       |                | ug/L |   | 84   | 60 - 150    | 11  | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 4.830       |                | ug/L |   | 85   | 65 - 145    | 14  | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 6.006       |                | ug/L |   | 105  | 58 - 150    | 18  | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 4.801       |                | ug/L |   | 84   | 39 - 145    | 3   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 4.934       |                | ug/L |   | 86   | 60 - 147    | 8   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 4.960       |                | ug/L |   | 87   | 58 - 140    | 8   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.497       | *1             | ug/L |   | 61   | 31 - 145    | 52  | 30        |
| 2,4-Dinitrophenol            | 5.71        | 7.369       |                | ug/L |   | 129  | 10 - 150    | 12  | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 5.898       |                | ug/L |   | 103  | 29 - 150    | 9   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 5.651       |                | ug/L |   | 99   | 55 - 150    | 10  | 30        |
| 2-Chloronaphthalene          | 5.71        | 4.827       |                | ug/L |   | 84   | 39 - 141    | 9   | 30        |
| 2-Methylnaphthalene          | 5.71        | 4.530       |                | ug/L |   | 79   | 33 - 149    | 4   | 30        |
| 2-Methylphenol               | 5.71        | 5.580       |                | ug/L |   | 98   | 49 - 140    | 3   | 30        |
| 2-Nitroaniline               | 5.71        | 5.687       |                | ug/L |   | 100  | 42 - 150    | 13  | 30        |
| 2-Nitrophenol                | 5.71        | 5.788       |                | ug/L |   | 101  | 43 - 150    | 11  | 30        |
| 3 & 4 Methylphenol           | 5.71        | 4.584       |                | ug/L |   | 80   | 39 - 142    | 6   | 30        |
| 3-Nitroaniline               | 5.71        | 3.452       |                | ug/L |   | 60   | 25 - 130    | 24  | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 6.439       |                | ug/L |   | 113  | 10 - 150    | 13  | 30        |
| 4-Bromophenyl phenyl ether   | 5.71        | 4.949       |                | ug/L |   | 87   | 56 - 136    | 12  | 30        |
| 4-Chloro-3-methylphenol      | 5.71        | 4.918       |                | ug/L |   | 86   | 52 - 137    | 8   | 30        |
| 4-Chloroaniline              | 5.71        | 1.054       | *1             | ug/L |   | 18   | 10 - 95     | 63  | 30        |
| 4-Chlorophenyl phenyl ether  | 5.71        | 4.651       |                | ug/L |   | 81   | 53 - 134    | 13  | 30        |
| 4-Nitroaniline               | 5.71        | 5.506       |                | ug/L |   | 96   | 45 - 148    | 12  | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-279016/3-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Acenaphthene                | 5.71        | 5.018       |                | ug/L |   | 88   | 48 - 136    | 13  | 30        |
| Acenaphthylene              | 5.71        | 5.076       |                | ug/L |   | 89   | 40 - 149    | 10  | 30        |
| Aniline                     | 5.71        | <0.450      | U * - *1       | ug/L |   | 2    | 10 - 73     | 200 | 30        |
| Anthracene                  | 5.71        | 5.426       |                | ug/L |   | 95   | 51 - 146    | 7   | 30        |
| Benzo[a]anthracene          | 5.71        | 5.122       |                | ug/L |   | 90   | 43 - 145    | 12  | 30        |
| Benzo[a]pyrene              | 5.71        | 4.812       |                | ug/L |   | 84   | 52 - 136    | 11  | 30        |
| Benzo[b]fluoranthene        | 5.71        | 4.982       |                | ug/L |   | 87   | 45 - 140    | 11  | 30        |
| Benzo[g,h,i]perylene        | 5.71        | 4.703       | I              | ug/L |   | 82   | 44 - 137    | 12  | 30        |
| Benzo[k]fluoranthene        | 5.71        | 5.288       |                | ug/L |   | 93   | 37 - 140    | 14  | 30        |
| Benzyl alcohol              | 5.71        | 0.7814      | J * - *1       | ug/L |   | 14   | 40 - 133    | 37  | 30        |
| Bis(2-chloroethoxy)methane  | 5.71        | 5.172       |                | ug/L |   | 91   | 52 - 143    | 10  | 30        |
| Bis(2-chloroethyl)ether     | 5.71        | 5.195       |                | ug/L |   | 91   | 52 - 140    | 11  | 30        |
| Bis(2-ethylhexyl) phthalate | 5.71        | 4.954       |                | ug/L |   | 87   | 50 - 140    | 11  | 30        |
| Butyl benzyl phthalate      | 5.71        | 5.758       |                | ug/L |   | 101  | 60 - 150    | 5   | 30        |
| Chrysene                    | 5.71        | 4.934       |                | ug/L |   | 86   | 47 - 137    | 13  | 30        |
| Dibenz(a,h)anthracene       | 5.71        | 4.859       |                | ug/L |   | 85   | 50 - 147    | 12  | 30        |
| Dibenzofuran                | 5.71        | 4.798       |                | ug/L |   | 84   | 52 - 139    | 8   | 30        |
| Diethyl phthalate           | 5.71        | 4.993       |                | ug/L |   | 87   | 55 - 137    | 7   | 30        |
| Dimethyl phthalate          | 5.71        | 5.075       |                | ug/L |   | 89   | 44 - 150    | 9   | 30        |
| Di-n-butyl phthalate        | 5.71        | 5.329       |                | ug/L |   | 93   | 49 - 146    | 6   | 30        |
| Di-n-octyl phthalate        | 5.71        | 6.084       |                | ug/L |   | 106  | 55 - 150    | 9   | 30        |
| Fluoranthene                | 5.71        | 5.633       |                | ug/L |   | 99   | 50 - 144    | 3   | 30        |
| Fluorene                    | 5.71        | 4.916       |                | ug/L |   | 86   | 54 - 136    | 12  | 30        |
| Hexachlorobenzene           | 5.71        | 5.357       |                | ug/L |   | 94   | 55 - 138    | 10  | 30        |
| Hexachlorobutadiene         | 5.71        | 5.195       |                | ug/L |   | 91   | 45 - 150    | 9   | 30        |
| Hexachlorocyclopentadiene   | 5.71        | 6.348       |                | ug/L |   | 111  | 24 - 150    | 15  | 30        |
| Hexachloroethane            | 5.71        | 4.835       |                | ug/L |   | 85   | 30 - 130    | 9   | 30        |
| Indeno[1,2,3-cd]pyrene      | 5.71        | 4.847       |                | ug/L |   | 85   | 46 - 138    | 15  | 30        |
| Isophorone                  | 5.71        | 4.840       |                | ug/L |   | 85   | 48 - 147    | 10  | 30        |
| Naphthalene                 | 5.71        | 4.844       |                | ug/L |   | 85   | 35 - 141    | 10  | 30        |
| Nitrobenzene                | 5.71        | 5.063       |                | ug/L |   | 89   | 52 - 141    | 6   | 30        |
| N-Nitrosodi-n-propylamine   | 5.71        | 5.278       |                | ug/L |   | 92   | 41 - 137    | 11  | 30        |
| N-Nitrosodiphenylamine      | 5.71        | 5.075       |                | ug/L |   | 89   | 51 - 135    | 12  | 30        |
| Pentachlorophenol           | 5.71        | 4.989       |                | ug/L |   | 87   | 33 - 150    | 5   | 30        |
| Phenanthrene                | 5.71        | 5.475       |                | ug/L |   | 96   | 54 - 141    | 8   | 30        |
| Phenol                      | 5.71        | 4.346       |                | ug/L |   | 76   | 40 - 145    | 10  | 30        |
| Pyrene                      | 5.71        | 5.593       |                | ug/L |   | 98   | 50 - 143    | 6   | 30        |
| Pyridine                    | 5.71        | <0.837      | U * -          | ug/L |   | 0    | 10 - 84     | NC  | 30        |
| N-Nitro-o-toluidine         | 5.71        | 3.737       |                | ug/L |   | 65   | 29 - 141    | 8   | 30        |
| 2,3,4,6-Tetrachlorophenol   | 5.71        | 5.172       |                | ug/L |   | 91   | 60 - 150    | 7   | 30        |
| Acetophenone                | 5.71        | 3.771       |                | ug/L |   | 66   | 52 - 136    | 10  | 30        |
| N-Nitrosopiperidine         | 5.71        | 4.082       |                | ug/L |   | 71   | 36 - 148    | 10  | 30        |
| Pentachlorobenzene          | 5.71        | 3.888       |                | ug/L |   | 68   | 52 - 128    | 11  | 30        |
| Diphenyl ether              | 5.71        | 3.718       |                | ug/L |   | 65   | 46 - 130    | 11  | 30        |
| 1,1'-Biphenyl               | 5.71        | 3.946       |                | ug/L |   | 69   | 39 - 142    | 12  | 30        |
| 4-Aminobiphenyl             | 5.71        | 1.025       | *1             | ug/L |   | 18   | 10 - 115    | 47  | 30        |
| 1,2,4,5-Tetrachlorobenzene  | 5.71        | 4.030       |                | ug/L |   | 71   | 46 - 125    | 10  | 30        |
| 1,3,5-Trinitrobenzene       | 5.71        | 4.038       |                | ug/L |   | 71   | 42 - 130    | 3   | 30        |
| 1,3-Dinitrobenzene          | 5.71        | 6.168       |                | ug/L |   | 108  | 65 - 150    | 7   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-279016/3-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,4-Naphthoquinone                  | 5.71        | 4.302       |                | ug/L |   | 75   | 24 - 137    | 8   | 30        |
| 1-Naphthylamine                     | 5.71        | 1.053       |                | ug/L |   | 18   | 10 - 130    | 23  | 30        |
| 2,6-Dichlorophenol                  | 5.71        | 3.478       |                | ug/L |   | 61   | 42 - 145    | 6   | 30        |
| 2-Acetylaminofluorene               | 5.71        | 5.590       |                | ug/L |   | 98   | 45 - 150    | 6   | 30        |
| 2-Chlorophenol                      | 5.71        | 4.942       |                | ug/L |   | 86   | 51 - 143    | 10  | 30        |
| 2-Naphthylamine                     | 5.71        | 0.6800      | *- *1          | ug/L |   | 12   | 17 - 130    | 49  | 30        |
| 2-Picoline                          | 5.71        | <1.03       | U *- *1        | ug/L |   | 0.9  | 10 - 143    | 200 | 30        |
| 2-Toluidine                         | 5.71        | 0.4928      | J *- *1        | ug/L |   | 9    | 10 - 130    | 71  | 30        |
| 3,3'-Dichlorobenzidine              | 5.71        | <0.650      | U *- *1        | ug/L |   | 2    | 10 - 128    | 42  | 30        |
| 3,3'-Dimethylbenzidine              | 5.71        | 1.018       |                | ug/L |   | 18   | 10 - 130    | 20  | 30        |
| 3-Methylcholanthrene                | 5.71        | 3.758       |                | ug/L |   | 66   | 53 - 130    | 11  | 30        |
| 4-Nitroquinoline-1-oxide            | 5.71        | 4.675       |                | ug/L |   | 82   | 20 - 140    | 11  | 30        |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 3.979       |                | ug/L |   | 70   | 27 - 146    | 11  | 30        |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | <1.45       | U *-           | ug/L |   | 0    | 5 - 150     | NC  | 30        |
| Aramite Peak 1                      | 2.86        | 2.296       |                | ug/L |   | 80   | 45 - 150    | 7   | 30        |
| Aramite Peak 2                      | 2.86        | 2.311       |                | ug/L |   | 81   | 45 - 150    | 3   | 30        |
| Diallate Peak 1                     | 4.23        | 3.076       |                | ug/L |   | 73   | 47 - 150    | 13  | 30        |
| Diallate Peak 2                     | 1.49        | 0.9967      |                | ug/L |   | 67   | 53 - 142    | 6   | 30        |
| Ethyl methanesulfonate              | 5.71        | 3.858       |                | ug/L |   | 68   | 45 - 138    | 7   | 30        |
| Hexachloropropene                   | 5.71        | 4.715       |                | ug/L |   | 83   | 35 - 140    | 9   | 30        |
| Isosafrole                          | 5.71        | 4.041       |                | ug/L |   | 71   | 47 - 137    | 11  | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.6390      |                | ug/L |   | 70   | 48 - 132    | 10  | 30        |
| Isosafrole Peak 2                   | 4.80        | 3.402       |                | ug/L |   | 71   | 47 - 137    | 11  | 30        |
| Methyl methanesulfonate             | 5.71        | 3.658       |                | ug/L |   | 64   | 33 - 140    | 8   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 4.041       |                | ug/L |   | 71   | 50 - 136    | 12  | 30        |
| N-Nitrosodimethylamine              | 5.71        | 4.946       |                | ug/L |   | 87   | 33 - 148    | 7   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 4.757       |                | ug/L |   | 83   | 30 - 150    | 11  | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 3.902       |                | ug/L |   | 68   | 30 - 148    | 7   | 30        |
| N-Nitrosomorpholine                 | 5.71        | 3.959       |                | ug/L |   | 69   | 40 - 140    | 12  | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 4.186       |                | ug/L |   | 73   | 20 - 130    | 9   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 4.968       |                | ug/L |   | 87   | 16 - 150    | 5   | 30        |
| Pentachloronitrobenzene             | 5.71        | 4.704       |                | ug/L |   | 82   | 38 - 145    | 19  | 30        |
| Phenacetin                          | 5.71        | 4.352       |                | ug/L |   | 76   | 50 - 150    | 10  | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U *-           | ug/L |   | 0    | 5 - 112     | NC  | 30        |
| Pronamide                           | 5.71        | 4.240       |                | ug/L |   | 74   | 60 - 150    | 9   | 30        |
| Safrole, Total                      | 5.71        | 3.965       | *-             | ug/L |   | 69   | 70 - 130    | 11  | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 69             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 66             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 67             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 66             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 64             |                | 8 - 124  |
| p-Terphenyl-d14             | 74             |                | 28 - 130 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-279016/5-A

Matrix: Water

Analysis Batch: 279292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 279016

| Analyte                          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                                  |             |             |                |      |   |      |             |     |           |
| Dimethoate                       | 2.86        | 7.648       | *+             | ug/L |   | 268  | 70 - 150    | 8   | 30        |
| Dinoseb                          | 5.71        | 9.471       | *+             | ug/L |   | 166  | 10 - 150    | 1   | 30        |
| Disulfoton                       | 2.86        | 7.861       | *+             | ug/L |   | 275  | 80 - 150    | 3   | 30        |
| Ethyl Parathion                  | 2.86        | 8.660       | *+             | ug/L |   | 303  | 70 - 150    | 3   | 30        |
| Famphur                          | 2.86        | 4.436       | *+             | ug/L |   | 155  | 10 - 150    | 2   | 30        |
| Methapyrilene                    | 5.71        | 11.13       | *+             | ug/L |   | 195  | 10 - 150    | 5   | 30        |
| Methyl parathion                 | 2.86        | 8.873       | *+             | ug/L |   | 311  | 80 - 150    | 2   | 30        |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.066       |                | ug/L |   | 107  | 38 - 150    | 5   | 30        |
| Phorate                          | 2.86        | 6.836       | *+             | ug/L |   | 239  | 65 - 150    | 8   | 30        |
| Sulfotepp                        | 2.86        | 6.931       | *+             | ug/L |   | 243  | 28 - 150    | 7   | 30        |
| Thionazin                        | 2.86        | 3.602       |                | ug/L |   | 126  | 40 - 140    | 2   | 30        |

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 61        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 59        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 64        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 63        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 62        |           | 8 - 124  |
| p-Terphenyl-d14             | 66        |           | 28 - 130 |

## Method: 8321A - Delnav (LC/MS)

Lab Sample ID: MB 410-731596/1-A

Matrix: Water

Analysis Batch: 732266

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 731596

| Analyte | MB     |           | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
|         | Result | Qualifier |      |       |      |   |                |                |         |
| Delnav  | <0.315 | U         | 1.00 | 0.315 | ug/L |   | 11/18/25 12:24 | 11/18/25 17:03 | 1       |

Lab Sample ID: LCS 410-731596/2-A

Matrix: Water

Analysis Batch: 732266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 731596

| Analyte          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------|-------------|------------|---------------|------|---|------|-------------|
|                  |             |            |               |      |   |      |             |
| cis-Dioxathion   | 0.657       | 0.6308     | J             | ug/L |   | 96   | 70 - 130    |
| trans-Dioxathion | 1.33        | 1.240      |               | ug/L |   | 93   | 70 - 130    |

Lab Sample ID: 860-116358-4 MS

Matrix: Water

Analysis Batch: 732266

Client Sample ID: MW-13

Prep Type: Total/NA

Prep Batch: 731596

| Analyte          | Sample |           | Spike Added | MS     |           | Unit | D | %Rec | %Rec Limits |
|------------------|--------|-----------|-------------|--------|-----------|------|---|------|-------------|
|                  | Result | Qualifier |             | Result | Qualifier |      |   |      |             |
| cis-Dioxathion   | <0.315 | U         | 0.657       | 0.5370 | J         | ug/L |   | 82   | 70 - 130    |
| trans-Dioxathion | <0.315 | U         | 1.33        | 1.313  |           | ug/L |   | 98   | 70 - 130    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## Method: 8321A - Delnav (LC/MS) (Continued)

Lab Sample ID: 860-116358-4 MSD

Matrix: Water

Analysis Batch: 732266

Client Sample ID: MW-13

Prep Type: Total/NA

Prep Batch: 731596

| Analyte          | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|----------------|-----|--------------|
| cis-Dioxathion   | <0.315           | U                   | 0.657          | 0.5184        | J                | ug/L |   | 79   | 70 - 130       | 4   | 20           |
| trans-Dioxathion | <0.315           | U                   | 1.33           | 1.250         |                  | ug/L |   | 94   | 70 - 130       | 5   | 20           |

## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### GC/MS VOA

#### Analysis Batch: 276492

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116358-1      | MW-04                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-2      | RB-01                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-3      | MW-16                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-4      | MW-13                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-5      | DUPE-01                | Total/NA  | Water  | 8260D  |            |
| 860-116358-6      | MW-08                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-8      | MW-14                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-9      | MW-15                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-10     | MW-21                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-11     | MW-23                  | Total/NA  | Water  | 8260D  |            |
| 860-116358-12     | MW-17                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276492/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276492/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276492/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 880-65015-L-1 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 276713

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116358-10 - DL2 | MW-21                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276713/7     | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276713/3    | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276713/4   | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 560-129559-A-1 MS   | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 276785

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 860-116358-7      | TB-09                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276785/9   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276785/3  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276785/4 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 880-65015-I-18 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 275669

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116358-1 - RA  | MW-04            | Total/NA  | Water  | 3511   |            |
| 860-116358-1 - DL2 | MW-04            | Total/NA  | Water  | 3511   |            |
| 860-116358-1       | MW-04            | Total/NA  | Water  | 3511   |            |
| 860-116358-2 - RA  | RB-01            | Total/NA  | Water  | 3511   |            |
| 860-116358-2       | RB-01            | Total/NA  | Water  | 3511   |            |
| 860-116358-3 - DL  | MW-16            | Total/NA  | Water  | 3511   |            |
| 860-116358-3       | MW-16            | Total/NA  | Water  | 3511   |            |
| 860-116358-4 - DL  | MW-13            | Total/NA  | Water  | 3511   |            |
| 860-116358-4       | MW-13            | Total/NA  | Water  | 3511   |            |
| 860-116358-5 - DL  | DUPE-01          | Total/NA  | Water  | 3511   |            |
| 860-116358-5       | DUPE-01          | Total/NA  | Water  | 3511   |            |
| 860-116358-6 - DL  | MW-08            | Total/NA  | Water  | 3511   |            |
| 860-116358-6       | MW-08            | Total/NA  | Water  | 3511   |            |
| 860-116358-8 - DL2 | MW-14            | Total/NA  | Water  | 3511   |            |
| 860-116358-8       | MW-14            | Total/NA  | Water  | 3511   |            |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### GC/MS Semi VOA (Continued)

#### Prep Batch: 275669 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116358-9 - DL   | MW-15                  | Total/NA  | Water  | 3511   |            |
| 860-116358-9        | MW-15                  | Total/NA  | Water  | 3511   |            |
| MB 860-275669/1-A   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-275669/2-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-275669/4-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-275669/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-275669/5-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

#### Analysis Batch: 275886

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-275669/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 275669     |
| LCS 860-275669/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275669     |
| LCS 860-275669/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 275669     |
| LCSD 860-275669/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275669     |
| LCSD 860-275669/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 275669     |

#### Analysis Batch: 275973

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116358-1  | MW-04            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-2  | RB-01            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-3  | MW-16            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-4  | MW-13            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-5  | DUPE-01          | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-6  | MW-08            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-8  | MW-14            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-9  | MW-15            | Total/NA  | Water  | 8270E  | 275669     |

#### Prep Batch: 276655

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116358-10 - RA  | MW-21                  | Total/NA  | Water  | 3511   |            |
| 860-116358-10 - DL2 | MW-21                  | Total/NA  | Water  | 3511   |            |
| 860-116358-10 - DL  | MW-21                  | Total/NA  | Water  | 3511   |            |
| 860-116358-10       | MW-21                  | Total/NA  | Water  | 3511   |            |
| 860-116358-11 - RA  | MW-23                  | Total/NA  | Water  | 3511   |            |
| 860-116358-11       | MW-23                  | Total/NA  | Water  | 3511   |            |
| 860-116358-11 - DL  | MW-23                  | Total/NA  | Water  | 3511   |            |
| 860-116358-11 - DL2 | MW-23                  | Total/NA  | Water  | 3511   |            |
| 860-116358-12 - RA  | MW-17                  | Total/NA  | Water  | 3511   |            |
| 860-116358-12 - DL  | MW-17                  | Total/NA  | Water  | 3511   |            |
| 860-116358-12       | MW-17                  | Total/NA  | Water  | 3511   |            |
| 860-116358-12 - DL2 | MW-17                  | Total/NA  | Water  | 3511   |            |
| MB 860-276655/1-A   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-276655/2-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-276655/4-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-276655/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-276655/5-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

#### Analysis Batch: 276932

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 860-276655/1-A  | Method Blank       | Total/NA  | Water  | 8270E  | 276655     |
| LCS 860-276655/2-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 276655     |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 276932 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCS 860-276655/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 276655     |
| LCSD 860-276655/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 276655     |
| LCSD 860-276655/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 276655     |

### Analysis Batch: 277528

| Lab Sample ID       | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------|-----------|--------|--------|------------|
| 860-116358-10       | MW-21            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-10 - DL  | MW-21            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-10 - DL2 | MW-21            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-11       | MW-23            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-11 - DL  | MW-23            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-11 - DL2 | MW-23            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-12       | MW-17            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-12 - DL  | MW-17            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-12 - DL2 | MW-17            | Total/NA  | Water  | 8270E  | 276655     |

### Analysis Batch: 278952

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 860-116358-3 - DL | MW-16            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-4 - DL | MW-13            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-5 - DL | DUPE-01          | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-6 - DL | MW-08            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-9 - DL | MW-15            | Total/NA  | Water  | 8270E  | 275669     |

### Prep Batch: 279016

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116358-1 - RE   | MW-04                  | Total/NA  | Water  | 3511   |            |
| 860-116358-2 - RE   | RB-01                  | Total/NA  | Water  | 3511   |            |
| 860-116358-3 - RE   | MW-16                  | Total/NA  | Water  | 3511   |            |
| 860-116358-3 - REDL | MW-16                  | Total/NA  | Water  | 3511   |            |
| 860-116358-4 - RE   | MW-13                  | Total/NA  | Water  | 3511   |            |
| 860-116358-4 - REDL | MW-13                  | Total/NA  | Water  | 3511   |            |
| 860-116358-5 - RE   | DUPE-01                | Total/NA  | Water  | 3511   |            |
| 860-116358-5 - REDL | DUPE-01                | Total/NA  | Water  | 3511   |            |
| 860-116358-6 - REDL | MW-08                  | Total/NA  | Water  | 3511   |            |
| 860-116358-6 - RE   | MW-08                  | Total/NA  | Water  | 3511   |            |
| 860-116358-8 - RE   | MW-14                  | Total/NA  | Water  | 3511   |            |
| 860-116358-8 - REDL | MW-14                  | Total/NA  | Water  | 3511   |            |
| 860-116358-9 - RE   | MW-15                  | Total/NA  | Water  | 3511   |            |
| 860-116358-9 - REDL | MW-15                  | Total/NA  | Water  | 3511   |            |
| MB 860-279016/1-A   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-279016/2-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-279016/4-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-279016/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |
| LCSD 860-279016/5-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 279217

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116358-1 - DL2 | MW-04            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-8 - DL2 | MW-14            | Total/NA  | Water  | 8270E  | 275669     |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### GC/MS Semi VOA

#### Analysis Batch: 279228

| Lab Sample ID       | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------|-----------|--------|--------|------------|
| 860-116358-1 - RE   | MW-04            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-2 - RE   | RB-01            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-3 - RE   | MW-16            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-3 - REDL | MW-16            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-4 - RE   | MW-13            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-4 - REDL | MW-13            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-5 - RE   | DUPE-01          | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-5 - REDL | DUPE-01          | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-6 - RE   | MW-08            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-6 - REDL | MW-08            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-8 - RE   | MW-14            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-8 - REDL | MW-14            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-9 - RE   | MW-15            | Total/NA  | Water  | 8270E  | 279016     |
| 860-116358-9 - REDL | MW-15            | Total/NA  | Water  | 8270E  | 279016     |

#### Analysis Batch: 279292

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-279016/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 279016     |
| LCS 860-279016/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 279016     |
| LCS 860-279016/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 279016     |
| LCSD 860-279016/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 279016     |
| LCSD 860-279016/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 279016     |

#### Analysis Batch: 279619

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116358-1 - RA  | MW-04            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-2 - RA  | RB-01            | Total/NA  | Water  | 8270E  | 275669     |
| 860-116358-10 - RA | MW-21            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-11 - RA | MW-23            | Total/NA  | Water  | 8270E  | 276655     |
| 860-116358-12 - RA | MW-17            | Total/NA  | Water  | 8270E  | 276655     |

### LCMS

#### Prep Batch: 731596

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|--------------------|-----------|--------|----------|------------|
| 860-116358-1       | MW-04              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-2       | RB-01              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-3       | MW-16              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-4       | MW-13              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-5       | DUPE-01            | Total/NA  | Water  | DAI Prep |            |
| 860-116358-6       | MW-08              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-8       | MW-14              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-9       | MW-15              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-12      | MW-17              | Total/NA  | Water  | DAI Prep |            |
| MB 410-731596/1-A  | Method Blank       | Total/NA  | Water  | DAI Prep |            |
| LCS 410-731596/2-A | Lab Control Sample | Total/NA  | Water  | DAI Prep |            |
| 860-116358-4 MS    | MW-13              | Total/NA  | Water  | DAI Prep |            |
| 860-116358-4 MSD   | MW-13              | Total/NA  | Water  | DAI Prep |            |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### LCMS

#### Analysis Batch: 732266

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 860-116358-1       | MW-04              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-2       | RB-01              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-3       | MW-16              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-4       | MW-13              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-5       | DUPE-01            | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-6       | MW-08              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-8       | MW-14              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-9       | MW-15              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-12      | MW-17              | Total/NA  | Water  | 8321A  | 731596     |
| MB 410-731596/1-A  | Method Blank       | Total/NA  | Water  | 8321A  | 731596     |
| LCS 410-731596/2-A | Lab Control Sample | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-4 MS    | MW-13              | Total/NA  | Water  | 8321A  | 731596     |
| 860-116358-4 MSD   | MW-13              | Total/NA  | Water  | 8321A  | 731596     |

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Client Sample ID: MW-04**

**Date Collected: 11/12/25 08:23**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276492       | 11/18/25 13:13       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.9 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 279619       | 12/03/25 18:39       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 69.9 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 100        | 1 mL           | 1 mL         | 279217       | 12/02/25 17:44       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 08:41       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE  |            | 71.2 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE  | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 15:54       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |     |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |     | 1          |                |              | 732266       | 11/18/25 17:14       | UJD2    | ELLE    |

**Client Sample ID: RB-01**

**Date Collected: 11/12/25 08:39**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276492       | 11/18/25 13:34       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.1 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 279619       | 12/03/25 20:59       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.1 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 09:09       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE  |            | 69.9 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE  | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 18:43       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |     |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |     | 1          |                |              | 732266       | 11/18/25 17:20       | UJD2    | ELLE    |

**Client Sample ID: MW-16**

**Date Collected: 11/12/25 09:24**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run  | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|------|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |      | 1          | 5 mL           | 5 mL         | 276492       | 11/18/25 14:35       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL   |            | 70.8 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL   | 500        | 1 mL           | 1 mL         | 278952       | 12/01/25 16:07       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |      |            | 70.8 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |      | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 09:37       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE   |            | 69.5 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE   | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 19:11       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | REDL |            | 69.5 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | REDL | 500        | 1 mL           | 1 mL         | 279228       | 12/02/25 19:40       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |      |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |      | 1          |                |              | 732266       | 11/18/25 17:26       | UJD2    | ELLE    |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Client Sample ID: MW-13**

**Date Collected: 11/12/25 11:44**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run  | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|------|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |      | 10         | 5 mL           | 5 mL         | 276492       | 11/18/25 15:57       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL   |            | 70.4 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL   | 500        | 1 mL           | 1 mL         | 278952       | 12/01/25 16:37       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |      |            | 70.4 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |      | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 10:05       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE   |            | 70.4 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE   | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 20:08       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | REDL |            | 70.4 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | REDL | 100        | 1 mL           | 1 mL         | 279228       | 12/02/25 20:36       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |      |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |      | 1          |                |              | 732266       | 11/18/25 17:31       | UJD2    | ELLE    |

**Client Sample ID: DUPE-01**

**Date Collected: 11/12/25 00:00**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run  | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|------|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |      | 10         | 5 mL           | 5 mL         | 276492       | 11/18/25 16:18       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL   |            | 69.8 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL   | 500        | 1 mL           | 1 mL         | 278952       | 12/01/25 17:08       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |      |            | 69.8 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |      | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 10:33       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE   |            | 69.8 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE   | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 21:04       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | REDL |            | 69.8 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | REDL | 100        | 1 mL           | 1 mL         | 279228       | 12/02/25 21:32       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |      |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |      | 1          |                |              | 732266       | 11/18/25 17:48       | UJD2    | ELLE    |

**Client Sample ID: MW-08**

**Date Collected: 11/12/25 13:39**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run  | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|------|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |      | 10         | 5 mL           | 5 mL         | 276492       | 11/18/25 16:39       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL   |            | 69.5 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL   | 500        | 1 mL           | 1 mL         | 278952       | 12/01/25 17:37       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |      |            | 69.5 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |      | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 11:01       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE   |            | 70.6 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE   | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 22:00       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | REDL |            | 70.6 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | REDL | 500        | 1 mL           | 1 mL         | 279228       | 12/02/25 22:28       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |      |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |      | 1          |                |              | 732266       | 11/18/25 17:54       | UJD2    | ELLE    |

Eurofins Houston

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Client Sample ID: TB-09**

**Date Collected: 11/12/25 00:00**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276785       | 11/19/25 11:14       | MS      | EET HOU |

**Client Sample ID: MW-14**

**Date Collected: 11/12/25 08:14**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-8**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run  | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|------|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |      | 1          | 5 mL           | 5 mL         | 276492       | 11/18/25 14:56       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL2  |            | 70.3 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2  | 100        | 1 mL           | 1 mL         | 279217       | 12/02/25 20:12       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |      |            | 70.3 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |      | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 11:29       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE   |            | 69.8 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE   | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 22:56       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | REDL |            | 69.8 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | REDL | 100        | 1 mL           | 1 mL         | 279228       | 12/02/25 23:24       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |      |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |      | 1          |                |              | 732266       | 11/18/25 18:00       | UJD2    | ELLE    |

**Client Sample ID: MW-15**

**Date Collected: 11/12/25 08:59**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-9**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run  | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|------|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |      | 1          | 5 mL           | 5 mL         | 276492       | 11/18/25 15:16       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | DL   |            | 70.2 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL   | 500        | 1 mL           | 1 mL         | 278952       | 12/01/25 18:38       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         |      |            | 70.2 mL        | 4 mL         | 275669       | 11/13/25 14:28       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |      | 1          | 1 mL           | 1 mL         | 275973       | 11/15/25 11:57       | DB      | EET HOU |
| Total/NA  | Prep       | 3511         | RE   |            | 69.9 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RE   | 1          | 1 mL           | 1 mL         | 279228       | 12/02/25 23:53       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | REDL |            | 69.9 mL        | 4 mL         | 279016       | 12/01/25 14:58       | TH      | EET HOU |
| Total/NA  | Analysis   | 8270E        | REDL | 100        | 1 mL           | 1 mL         | 279228       | 12/03/25 00:21       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |      |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |      | 1          |                |              | 732266       | 11/18/25 18:06       | UJD2    | ELLE    |

**Client Sample ID: MW-21**

**Date Collected: 11/12/25 10:13**

**Date Received: 11/13/25 09:32**

**Lab Sample ID: 860-116358-10**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        | DL2 | 100        | 5 mL           | 5 mL         | 276713       | 11/19/25 11:12       | A1S     | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 25         | 5 mL           | 5 mL         | 276492       | 11/18/25 16:59       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.2 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 279619       | 12/03/25 19:35       | T1S     | EET HOU |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

**Client Sample ID: MW-21**

**Lab Sample ID: 860-116358-10**

**Date Collected: 11/12/25 10:13**

**Matrix: Water**

**Date Received: 11/13/25 09:32**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3511         |     |            | 70.2 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277528       | 11/21/25 16:30       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.2 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 277528       | 11/21/25 17:00       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 70.2 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 500        | 1 mL           | 1 mL         | 277528       | 11/21/25 20:03       | LPL     | EET HOU |

**Client Sample ID: MW-23**

**Lab Sample ID: 860-116358-11**

**Date Collected: 11/12/25 11:45**

**Matrix: Water**

**Date Received: 11/13/25 09:32**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 276492       | 11/18/25 17:20       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.3 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 279619       | 12/03/25 20:03       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.3 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277528       | 11/21/25 20:33       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.3 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 277528       | 11/21/25 21:03       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 69.3 mL        | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 500        | 1 mL           | 1 mL         | 277528       | 11/21/25 21:33       | LPL     | EET HOU |

**Client Sample ID: MW-17**

**Lab Sample ID: 860-116358-12**

**Date Collected: 11/12/25 13:36**

**Matrix: Water**

**Date Received: 11/13/25 09:32**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 500        | 5 mL           | 5 mL         | 276492       | 11/18/25 17:40       | NA      | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70 mL          | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 279619       | 12/03/25 20:31       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277528       | 11/21/25 22:04       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70 mL          | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 277528       | 11/21/25 22:34       | LPL     | EET HOU |
| Total/NA  | Prep       | 3511         | DL2 |            | 70 mL          | 4 mL         | 276655       | 11/18/25 14:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL2 | 500        | 1 mL           | 1 mL         | 277528       | 11/21/25 23:04       | LPL     | EET HOU |
| Total/NA  | Prep       | DAI Prep     |     |            | 5 mL           | 10 mL        | 731596       | 11/18/25 12:24       | UJD2    | ELLE    |
| Total/NA  | Analysis   | 8321A        |     | 1          |                |              | 732266       | 11/18/25 18:11       | UJD2    | ELLE    |

## Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Eurofins Houston



## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-23-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

### Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority                         | Program               | Identification Number | Expiration Date |
|-----------------------------------|-----------------------|-----------------------|-----------------|
| A2LA                              | Dept. of Defense ELAP | 0001.01               | 11-30-26        |
| A2LA                              | Dept. of Energy       | 0001.01               | 11-30-26        |
| A2LA                              | ISO/IEC 17025         | 0001.01               | 11-30-26        |
| Alabama                           | State                 | 43200                 | 01-31-26        |
| Alaska                            | State                 | PA00009               | 06-30-26        |
| Alaska (UST)                      | State                 | 17-027                | 12-30-26        |
| Arizona                           | State                 | AZ0780                | 03-12-26        |
| Arkansas DEQ                      | State                 | 88-00660              | 08-09-26        |
| California                        | State                 | 2792                  | 01-31-26        |
| Colorado                          | State                 | PA00009               | 06-30-26        |
| Connecticut                       | State                 | PH-0746               | 06-30-27        |
| DE Haz. Subst. Cleanup Act (HSCA) | State                 | 019-006 (PA cert)     | 01-31-26        |
| Delaware (DW)                     | State                 | N/A                   | 01-31-26        |
| Florida                           | NELAP                 | E87997                | 06-30-26        |
| Georgia (DW)                      | State                 | C048                  | 01-31-26        |
| Illinois                          | NELAP                 | 200027                | 01-31-26        |
| Iowa                              | State                 | 361                   | 03-01-26        |
| Kansas                            | NELAP                 | E-10151               | 10-31-26        |
| Kentucky (DW)                     | State                 | KY90088               | 12-31-25        |
| Kentucky (UST)                    | State                 | 0001.01               | 11-30-26        |
| Kentucky (WW)                     | State                 | KY90088               | 12-31-25        |
| Louisiana (All)                   | NELAP                 | 02055                 | 06-30-26        |
| Maine                             | State                 | 2019012               | 03-12-27        |
| Maryland                          | State                 | 100                   | 06-30-26        |
| Massachusetts                     | State                 | M-PA009               | 06-30-26        |
| Michigan                          | State                 | 9930                  | 01-31-26        |
| Minnesota                         | NELAP                 | 042-999-487           | 12-31-26        |
| Mississippi                       | State                 | 023                   | 01-31-26        |
| Missouri                          | State                 | 450                   | 01-31-28        |
| Montana (DW)                      | State                 | 0098                  | 01-01-26        |
| Nebraska                          | State                 | NE-OS-32-17           | 01-31-26        |
| New Hampshire                     | NELAP                 | 2730                  | 01-10-26        |
| New Jersey                        | NELAP                 | PA011                 | 11-24-25        |
| New York                          | NELAP                 | 10670                 | 04-01-26        |
| North Carolina (DW)               | State                 | 42705                 | 07-31-26        |
| North Carolina (WW/SW)            | State                 | 521                   | 12-31-25        |
| North Dakota                      | State                 | R-205                 | 01-31-24 *      |

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Houston

## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

### Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority                                                          | Program             | Identification Number | Expiration Date |
|--------------------------------------------------------------------|---------------------|-----------------------|-----------------|
| Ohio                                                               | State               | 87787                 | 01-31-26        |
| Oklahoma                                                           | NELAP               | 9804                  | 12-31-25        |
| Oregon                                                             | NELAP               | PA200001              | 09-11-26        |
| Pennsylvania                                                       | NELAP               | 36-00037              | 01-31-26        |
| Quebec Ministry of Environment and Fight<br>against Climate Change | PALA                | 507                   | 09-16-29        |
| Rhode Island                                                       | State               | LAO00338              | 12-30-25        |
| South Carolina                                                     | State               | 89002                 | 01-31-26        |
| Tennessee                                                          | State               | 02838                 | 01-31-26        |
| Texas                                                              | NELAP               | T104704194-23-46      | 08-31-26        |
| USDA                                                               | US Federal Programs | 525-22-298-19481      | 01-23-26        |
| Vermont                                                            | State               | VT - 36037            | 10-28-26        |
| Virginia                                                           | NELAP               | 460182                | 06-14-26        |
| Washington                                                         | State               | C457                  | 04-11-26        |
| West Virginia (DW)                                                 | State               | 9906 C                | 03-31-26        |
| West Virginia DEP                                                  | State               | 055                   | 07-31-26        |
| Wyoming                                                            | State               | 8TMS-L                | 01-31-26        |
| Wyoming (UST)                                                      | A2LA                | 0001.01               | 11-30-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

| Method   | Method Description                        | Protocol | Laboratory |
|----------|-------------------------------------------|----------|------------|
| 8260D    | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E    | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 8321A    | Delnav (LC/MS)                            | SW846    | ELLE       |
| 3511     | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C    | Purge and Trap                            | SW846    | EET HOU    |
| DAI Prep | Preparation, Direct Aqueous Injection     | Lab SOP  | ELLE       |

### Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116358-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116358-1  | MW-04            | Water  | 11/12/25 08:23 | 11/13/25 09:32 | Mississippi   |
| 860-116358-2  | RB-01            | Water  | 11/12/25 08:39 | 11/13/25 09:32 | Mississippi   |
| 860-116358-3  | MW-16            | Water  | 11/12/25 09:24 | 11/13/25 09:32 | Mississippi   |
| 860-116358-4  | MW-13            | Water  | 11/12/25 11:44 | 11/13/25 09:32 | Mississippi   |
| 860-116358-5  | DUPE-01          | Water  | 11/12/25 00:00 | 11/13/25 09:32 | Mississippi   |
| 860-116358-6  | MW-08            | Water  | 11/12/25 13:39 | 11/13/25 09:32 | Mississippi   |
| 860-116358-7  | TB-09            | Water  | 11/12/25 00:00 | 11/13/25 09:32 | Mississippi   |
| 860-116358-8  | MW-14            | Water  | 11/12/25 08:14 | 11/13/25 09:32 | Mississippi   |
| 860-116358-9  | MW-15            | Water  | 11/12/25 08:59 | 11/13/25 09:32 | Mississippi   |
| 860-116358-10 | MW-21            | Water  | 11/12/25 10:13 | 11/13/25 09:32 | Mississippi   |
| 860-116358-11 | MW-23            | Water  | 11/12/25 11:45 | 11/13/25 09:32 | Mississippi   |
| 860-116358-12 | MW-17            | Water  | 11/12/25 13:36 | 11/13/25 09:32 | Mississippi   |

NDDO

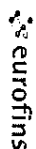
NDDO

100

4145 Greenbriar Dr  
Stafford TX 77477  
Phone (281) 240-4200

## Chain of Custody Record

RUAO



|                                                          |                                    |                                                                                            |                                   |                                              |                                            |                                             |
|----------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|--------------------------------------------|---------------------------------------------|
| <b>Client Information</b>                                |                                    | Sample #                                                                                   | Kudachkar Sachin G                |                                              | Carrier Tracking No(s)                     | COC No:                                     |
| Client Contact:                                          | Mr. Antonio Cardoso                | Phone:                                                                                     | 281-615-9367                      |                                              | E-mail:                                    | Sachin.Kudachkar@eurofins.com               |
| Company:                                                 | Arcadis US Inc.                    | PM/SD:                                                                                     |                                   |                                              | State of Origin:                           | MS                                          |
| Address:                                                 | 4300 West Cypress Street Suite 450 | Due Date Requested                                                                         |                                   |                                              | Job #:                                     | 860-33465-10045.1                           |
| City:                                                    | Tampa                              | TAT Requested (days):                                                                      |                                   |                                              | Page:                                      | 2 of 2                                      |
| State, Zip:                                              | FL 33607                           | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No               |                                   |                                              | Page:                                      | 2 of 2                                      |
| Phone:                                                   |                                    | PO #:                                                                                      | 1095575                           |                                              | Preservation Codes:                        | N None                                      |
| Email:                                                   | antonio.cardoso@arcadis.com        | WO #:                                                                                      |                                   |                                              | Other:                                     |                                             |
| Project Name:                                            | Hercules Hattiesburg MS            | Project #:                                                                                 | 86006085                          |                                              | Special Instructions/Note:                 |                                             |
| Site:                                                    |                                    | SSON#:                                                                                     |                                   |                                              |                                            |                                             |
| <b>Sample Identification</b>                             |                                    | Sample Date                                                                                | Sample Time                       | Sample Type (C=Comp, G=grab, or Tissue Anal) | Matrix (Water, Sediment, or Tissue Anal)   | Field Filtered Sample (Yes or No)           |
| MW-14                                                    |                                    | 11/12/25                                                                                   | 0814                              | G                                            | Water                                      | XXXXXX                                      |
| MW-15                                                    |                                    | 11/12/25                                                                                   | 0859                              | G                                            | Water                                      | XXXXXX                                      |
| MW-21                                                    |                                    | 11/12/25                                                                                   | 1613                              | G                                            | Water                                      | XXXXXX                                      |
| MW-23                                                    |                                    | 11/12/25                                                                                   | 1445                              | G                                            | Water                                      | XXXXXX                                      |
| MW-17                                                    |                                    | 11/12/25                                                                                   | 1336                              | G                                            | Water                                      | XXXXXX                                      |
|                                                          |                                    |                                                                                            |                                   |                                              | Water                                      |                                             |
|                                                          |                                    |                                                                                            |                                   |                                              | Water                                      |                                             |
|                                                          |                                    |                                                                                            |                                   |                                              | Water                                      |                                             |
|                                                          |                                    |                                                                                            |                                   |                                              | Water                                      |                                             |
|                                                          |                                    |                                                                                            |                                   |                                              | Water                                      |                                             |
|                                                          |                                    |                                                                                            |                                   |                                              | Water                                      |                                             |
|                                                          |                                    |                                                                                            |                                   |                                              | Water                                      |                                             |
| <b>Possible Hazard Identification</b>                    |                                    | <b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> |                                   |                                              |                                            |                                             |
| <input type="checkbox"/> Non-Hazard                      | <input type="checkbox"/> Flammable | <input type="checkbox"/> Skin Irritant                                                     | <input type="checkbox"/> Poison B | <input type="checkbox"/> Unknown             | <input type="checkbox"/> Radiological      | <input type="checkbox"/> Return To Client   |
| Deliverable Requested: I II III IV Other (Specify)       |                                    |                                                                                            |                                   |                                              |                                            | <input type="checkbox"/> Disposal By Lab    |
| Empty Kit Relinquished by:                               |                                    |                                                                                            |                                   |                                              |                                            | <input type="checkbox"/> Archive For Months |
| Relinquished by:                                         |                                    | Date/Time:                                                                                 | 11/24/25                          | 1605                                         | Company:                                   | Arcadis                                     |
| Relinquished by:                                         |                                    | Date/Time:                                                                                 |                                   |                                              | Company:                                   |                                             |
| Relinquished by:                                         |                                    | Date/Time:                                                                                 |                                   |                                              | Company:                                   |                                             |
| Custody Seals Intact:                                    |                                    | Custody Seal No.                                                                           |                                   |                                              | Coole Temperature(s) °C and Other Remarks: |                                             |
| <input type="checkbox"/> Yes <input type="checkbox"/> No |                                    |                                                                                            |                                   |                                              |                                            |                                             |

4145 Greenbriar Dr  
Stafford, TX 77477  
Phone: 281-240-4200

## Chain of Custody Record



## Environment Testing

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  |                                                          |  |                     |  |                            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|--|---------------------|--|----------------------------|--|
| <b>Client Information (Sub Contract Lab)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | Sampler: N/A                  |  | Lab PM: Kudchadkar, Sachin G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Carrier Tracking No(s): N/A                                                                                                          |  | COC No: 860-322318.1                                     |  |                     |  |                            |  |
| Client Contact: Shipping/Receiving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Phone: N/A                    |  | E-Mail: Sachin.Kudchadkar@et.eurofinsus.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | State of Origin: Mississippi                                                                                                         |  | Page: Page 1 of 1                                        |  |                     |  |                            |  |
| Company: Eurofins Lancaster Laboratories Environm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  | Accreditations Required (See note): State Program - Mississippi                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  | Job #: 860-116358-1                                      |  |                     |  |                            |  |
| Address: 2425 New Holland Pike,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Due Date Requested: 12/8/2025 |  | Analysis Requested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                      |  |                                                          |  | Preservation Codes: |  |                            |  |
| City: Lancaster                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | TAT Requested (days): N/A     |  | <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Perform MS/MSD (Yes or No)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">6321A_Delnav/LCMS_DAL_Prep</div> <div style="flex-grow: 1; border: 1px solid black;"></div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of containers</div> </div> |  |                                                                                                                                      |  |                                                          |  | Other: N/A          |  |                            |  |
| State, Zip: PA, 17601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  |                                                          |  |                     |  |                            |  |
| Phone: 717-656-2300(Tel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  |                                                          |  |                     |  |                            |  |
| Email: N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  |                                                          |  |                     |  |                            |  |
| Project Name: Hercules Hattiesburg, MS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  |                                                          |  |                     |  |                            |  |
| Site: N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | SSOW#: N/A                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  |                                                          |  |                     |  |                            |  |
| Sample Identification - Client ID (Lab ID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Sample Date                   |  | Sample Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Sample Type (C=comp, G=grab)                                                                                                         |  | Matrix (W=water, S=solid, O=waste/sol, BT=Tissue, A=Air) |  | Preservation Code:  |  | Special Instructions/Note: |  |
| MW-04 (860-116358-1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 11/12/25                      |  | 08:23 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| RB-01 (860-116358-2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 11/12/25                      |  | 08:39 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| MW-16 (860-116358-3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 11/12/25                      |  | 09:24 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| MW-13 (860-116358-4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 11/12/25                      |  | 11:44 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| DUPE-01 (860-116358-5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 11/12/25                      |  | Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| MW-08 (860-116358-6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 11/12/25                      |  | 13:39 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| MW-14 (860-116358-8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 11/12/25                      |  | 08:14 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| MW-15 (860-116358-9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 11/12/25                      |  | 08:59 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| MW-17 (860-116358-12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 11/12/25                      |  | 13:36 Central                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | G                                                                                                                                    |  | Water                                                    |  |                     |  |                            |  |
| Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC. |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                      |  |                                                          |  |                     |  |                            |  |
| Possible Hazard Identification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)                                                  |  |                                                          |  |                     |  |                            |  |
| Unconfirmed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |  |                                                          |  |                     |  |                            |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                               |  | Primary Deliverable Rank: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Special Instructions/QC Requirements:                                                                                                |  |                                                          |  |                     |  |                            |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                               |  | Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Time:                                                                                                                                |  | Method of Shipment:                                      |  |                     |  |                            |  |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Date/Time: 11-13-25 1700      |  | Company:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Received by:                                                                                                                         |  | Date/Time:                                               |  | Company:            |  |                            |  |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Date/Time:                    |  | Company:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Received by:                                                                                                                         |  | Date/Time:                                               |  | Company:            |  |                            |  |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Date/Time:                    |  | Company:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Received by:                                                                                                                         |  | Date/Time: 11/14/25 0940                                 |  | Company: GURK       |  |                            |  |
| Custody Seals Intact: Δ Yes Δ No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Custody Seal No.:             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Cooler Temperature(s) °C and Other Remarks: R: 4.5 C: 4.6                                                                            |  |                                                          |  |                     |  |                            |  |



## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116358-1

**Login Number: 116358**

**List Source: Eurofins Houston**

**List Number: 1**

**Creator: Jimenez, Nicanor**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116358-1

**Login Number: 116358**

**List Number: 2**

**Creator: Williams, Aeric**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

**List Creation: 11/14/25 03:35 PM**

| Question                                                                         | Answer | Comment                            |
|----------------------------------------------------------------------------------|--------|------------------------------------|
| The cooler's custody seal is intact.                                             | N/A    |                                    |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |                                    |
| Samples were received on ice.                                                    | True   |                                    |
| Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen). | True   |                                    |
| Cooler Temperature is recorded.                                                  | True   |                                    |
| WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen). | N/A    |                                    |
| WV: Container Temperature is recorded.                                           | N/A    |                                    |
| COC is present.                                                                  | True   |                                    |
| COC is filled out in ink and legible.                                            | True   |                                    |
| COC is filled out with all pertinent information.                                | True   |                                    |
| There are no discrepancies between the containers received and the COC.          | True   |                                    |
| Sample containers have legible labels.                                           | True   |                                    |
| Containers are not broken or leaking.                                            | True   |                                    |
| Sample collection date/times are provided.                                       | True   |                                    |
| Appropriate sample containers are used.                                          | True   |                                    |
| Sample bottles are completely filled.                                            | True   |                                    |
| There is sufficient vol. for all requested analyses.                             | True   |                                    |
| Is the Field Sampler's name present on COC?                                      | False  | Received project as a subcontract. |
| Sample custody seals are intact.                                                 | N/A    |                                    |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?      | True   |                                    |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Antonio Cardoso  
Arcadis US Inc.  
4300 West Cypress Street  
Suite 450  
Tampa, Florida 33607

Generated 12/3/2025 2:41:49 PM

## JOB DESCRIPTION

Hercules Hattiesburg, MS

## JOB NUMBER

860-116515-1

# Eurofins Houston

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
12/3/2025 2:41:49 PM

Authorized for release by  
Sachin Kudchadkar, Senior Project Manager  
[Sachin.Kudchadkar@et.eurofinsus.com](mailto:Sachin.Kudchadkar@et.eurofinsus.com)  
(281)748-9025



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## Definitions/Glossary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| *1        | LCS/LCSD RPD exceeds control limits.                                                                           |
| *3        | ISTD response or retention time outside acceptable limits.                                                     |
| I         | Value is EMPC (estimated maximum possible concentration).                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1-       | Surrogate recovery exceeds control limits, low biased.                                                         |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

# Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116515-1

**Job ID: 860-116515-1**

**Eurofins Houston**

## Job Narrative 860-116515-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 11/14/2025 9:34 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C.

### GC/MS VOA

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-276788 recovered outside control limits for the following analytes: 1,4-Dioxane.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-73 (860-116515-7), DUPE-04 (860-116515-8) and MW-50 (860-116515-10). Elevated reporting limits (RLs) are provided.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-276979 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: (860-116574-C-13 MS). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC/MS Semi VOA

Method 8270E\_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-276379 and analytical batch 860-276617 recovered outside control limits for the following analyte(s): alpha,alpha-Dimethyl phenethylamine. alpha,alpha-Dimethyl phenethylamine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276617 recovered above the upper control limit for 2,4,5-Trichlorophenol, Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:CCVIS 860-276617/2.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-277923 recovered above the upper control limit for multiple Analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-277923/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-276379 and analytical batch 860-278194 recovered outside control limits for the following analytes: Ethyl Parathion, Methyl

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116515-1

### Job ID: 860-116515-1 (Continued)

Eurofins Houston

parathion, Dinoseb, Dimethoate, Phorate, Disulfoton and Sulfotepp. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-278194 recovered above the upper control limit for 2-Acetylaminofluorene, Pentachloronitrobenzene, N-Nitrosodi-n-butylamine, Butyl benzyl phthalate, Di-n-octyl phthalate and 2,4,5-Trichlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-278194/2).

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-278194 recovered above the upper control limit for Ethyl Parathion, Methyl parathion, Dinoseb, Famphur, Dimethoate, Phorate, Disulfoton and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-278194/3).

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-276617 recovered above the upper control limit for Thionazin, Sulfotepp, Disulfoton, Phorate Famphur, Methyl parathion, Ethyl Parathion, Dinoseb and Dimethoate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-276617/3).

Method 8270E\_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-276379 and analytical batch 860-276617 recovered outside control limits for the following analytes: alpha,alpha-Dimethyl phenethylamine.

Method 8270E\_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 10% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E\_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-73 (860-116515-7), DUPE-04 (860-116515-8) and MW-50 (860-116515-10). These results have been reported and qualified.

Method 8270E\_QQQ: The continuing calibration verification (CCV) associated with batch 860-278469 recovered above the upper control limit for 2,4,6-Tribromophenol (Surr). The associated sample is:(CCVIS 860-278469/2).

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-73 (860-116515-7) and DUPE-04 (860-116515-8). Elevated reporting limits (RLs) are provided.

Method 8270E\_QQQ: Internal standard (ISTD) response for Perylene-d12 for the following samples in analytical batch 860-278944 was outside acceptance criteria: MW-52-S (860-116515-5) and DUPE-04 (860-116515-8). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E\_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-52-S (860-116515-5), MW-73 (860-116515-7), DUPE-04 (860-116515-8) and MW-50 (860-116515-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E\_QQQ: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 and Perylene-d12 for the following sample in analytical batch 860-278944 was outside acceptance criteria: MW-73 (860-116515-7). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E\_QQQ: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples in analytical batch 860-278944 was outside acceptance criteria: MW-52-D (860-116515-9) and MW-50 (860-116515-10). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E\_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-52-S (860-116515-5), MW-73 (860-116515-7), DUPE-04 (860-116515-8), MW-52-D (860-116515-9) and MW-50 (860-116515-10). Elevated reporting limits (RLs) are provided.

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## Case Narrative

Client: Arcadis US Inc.  
Project: Hercules Hattiesburg, MS

Job ID: 860-116515-1

**Job ID: 860-116515-1 (Continued)**

**Eurofins Houston**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

### Client Sample ID: TB-10

Lab Sample ID: 860-116515-1

No Detections.

### Client Sample ID: MW-75

Lab Sample ID: 860-116515-2

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Diphenyl ether | 0.994  |           | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl  | 0.330  | J         | 0.571 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-54

Lab Sample ID: 860-116515-3

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Diphenyl ether | 0.318  | J         | 0.572 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: FB-04

Lab Sample ID: 860-116515-4

No Detections.

### Client Sample ID: MW-52-S

Lab Sample ID: 860-116515-5

| Analyte                   | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 2-Propanol                | 10.2   |           | 10.0  | 5.23  | ug/L | 1       |   | 8260D  | Total/NA  |
| Acetone                   | 7.68   | J         | 100   | 3.07  | ug/L | 1       |   | 8260D  | Total/NA  |
| Benzene                   | 31.3   |           | 1.00  | 0.460 | ug/L | 1       |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene) | 6.77   |           | 1.00  | 0.592 | ug/L | 1       |   | 8260D  | Total/NA  |
| Ethylbenzene              | 0.601  | J         | 1.00  | 0.385 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,4-Dioxane               | 0.552  | J         | 0.565 | 0.104 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene              | 1.18   |           | 0.565 | 0.100 | ug/L | 1       |   | 8270E  | Total/NA  |
| Benzyl alcohol            | 0.476  | J I       | 2.82  | 0.222 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran              | 0.130  | J         | 0.565 | 0.111 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluoranthene              | 0.224  | J         | 0.565 | 0.119 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                  | 0.428  | J         | 0.565 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene               | 0.503  | J         | 0.565 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                    | 7.39   |           | 1.13  | 0.501 | ug/L | 1       |   | 8270E  | Total/NA  |
| Pyrene                    | 0.154  | J         | 0.565 | 0.128 | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl             | 3.97   |           | 0.565 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL       | 912    |           | 56.5  | 9.99  | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: RB-04

Lab Sample ID: 860-116515-6

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Acetophenone   | 0.142  | J         | 1.14  | 0.138 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether | 13.7   |           | 0.571 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |

### Client Sample ID: MW-73

Lab Sample ID: 860-116515-7

| Analyte             | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene             | 53300  |           | 500   | 230    | ug/L | 500     |   | 8260D  | Total/NA  |
| Toluene             | 624    |           | 500   | 238    | ug/L | 500     |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene | 0.142  | J         | 0.575 | 0.102  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2,4-Dimethylphenol  | 1.56   | I         | 0.575 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane         | 2.34   | I         | 0.575 | 0.105  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene | 1.06   |           | 0.575 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol      | 8.81   |           | 0.575 | 0.110  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitroaniline      | 0.723  |           | 0.575 | 0.159  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol  | 15.0   |           | 0.575 | 0.0950 | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Houston

## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

### Client Sample ID: MW-73 (Continued)

Lab Sample ID: 860-116515-7

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzyl alcohol      | 9.00   | I         | 2.87  | 0.226 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran        | 3.20   |           | 0.575 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene            | 0.160  | J         | 0.575 | 0.114 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene         | 12.0   |           | 0.575 | 0.115 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acetophenone        | 5.00   |           | 1.15  | 0.139 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol - DL         | 88.4   |           | 57.5  | 25.5  | ug/L | 50      |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 5990   |           | 287   | 50.8  | ug/L | 500     |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL  | 2360   |           | 287   | 56.9  | ug/L | 500     |   | 8270E  | Total/NA  |

### Client Sample ID: DUPE-04

Lab Sample ID: 860-116515-8

| Analyte              | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| 1,2-Dichloroethane   | 1400   |           | 10.0  | 3.72   | ug/L | 10      |   | 8260D  | Total/NA  |
| 2-Propanol           | 396    |           | 100   | 52.3   | ug/L | 10      |   | 8260D  | Total/NA  |
| 4-Methyl-2-pentanone | 63.6   | J         | 500   | 50.0   | ug/L | 10      |   | 8260D  | Total/NA  |
| Acetone              | 460    | J         | 1000  | 30.7   | ug/L | 10      |   | 8260D  | Total/NA  |
| Chlorobenzene        | 42.7   |           | 10.0  | 4.55   | ug/L | 10      |   | 8260D  | Total/NA  |
| Tetrahydrofuran      | 958    |           | 100   | 18.3   | ug/L | 10      |   | 8260D  | Total/NA  |
| Toluene              | 609    |           | 10.0  | 4.75   | ug/L | 10      |   | 8260D  | Total/NA  |
| Benzene - DL         | 59500  |           | 500   | 230    | ug/L | 500     |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene  | 0.161  | J I       | 0.569 | 0.101  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane          | 2.12   | I         | 0.569 | 0.104  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol       | 8.37   |           | 0.569 | 0.109  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitroaniline       | 0.699  |           | 0.569 | 0.157  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol   | 14.3   |           | 0.569 | 0.0940 | ug/L | 1       |   | 8270E  | Total/NA  |
| Benzyl alcohol       | 9.21   | I         | 2.84  | 0.223  | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran         | 3.31   |           | 0.569 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene             | 0.184  | J         | 0.569 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene          | 12.1   |           | 0.569 | 0.114  | ug/L | 1       |   | 8270E  | Total/NA  |
| Acetophenone         | 5.13   |           | 1.14  | 0.138  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol - DL          | 88.3   |           | 56.9  | 25.2   | ug/L | 50      |   | 8270E  | Total/NA  |
| Diphenyl ether - DL  | 4740   |           | 284   | 50.3   | ug/L | 500     |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL   | 1860   |           | 284   | 56.4   | ug/L | 500     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-52-D

Lab Sample ID: 860-116515-9

| Analyte                   | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 2,2,4-Trimethylpentane    | 0.599  | J         | 5.00  | 0.500 | ug/L | 1       |   | 8260D  | Total/NA  |
| 2-Propanol                | 12.7   |           | 10.0  | 5.23  | ug/L | 1       |   | 8260D  | Total/NA  |
| Acetone                   | 6.16   | J         | 100   | 3.07  | ug/L | 1       |   | 8260D  | Total/NA  |
| Benzene                   | 6.72   |           | 1.00  | 0.460 | ug/L | 1       |   | 8260D  | Total/NA  |
| Cumene (isopropylbenzene) | 9.54   |           | 1.00  | 0.592 | ug/L | 1       |   | 8260D  | Total/NA  |
| Ethylbenzene              | 1.02   |           | 1.00  | 0.385 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,4-Dioxane               | 0.638  | I         | 0.567 | 0.104 | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene       | 0.145  | J         | 0.567 | 0.108 | ug/L | 1       |   | 8270E  | Total/NA  |
| Acenaphthene              | 1.52   |           | 0.567 | 0.101 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran              | 0.250  | J         | 0.567 | 0.111 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluoranthene              | 0.351  | J         | 0.567 | 0.119 | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene                  | 0.632  |           | 0.567 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene               | 0.590  |           | 0.567 | 0.113 | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol                    | 5.84   |           | 1.13  | 0.503 | ug/L | 1       |   | 8270E  | Total/NA  |
| Pyrene                    | 0.147  | J         | 0.567 | 0.128 | ug/L | 1       |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

### Client Sample ID: MW-52-D (Continued)

Lab Sample ID: 860-116515-9

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,1'-Biphenyl       | 21.8   |           | 0.567 | 0.112 | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 1350   |           | 56.7  | 10.0  | ug/L | 100     |   | 8270E  | Total/NA  |

### Client Sample ID: MW-50

Lab Sample ID: 860-116515-10

| Analyte             | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| 1,2-Dichloroethane  | 35.6   |           | 20.0  | 7.44   | ug/L | 20      |   | 8260D  | Total/NA  |
| 2-Propanol          | 464    |           | 200   | 105    | ug/L | 20      |   | 8260D  | Total/NA  |
| Benzene             | 1500   |           | 20.0  | 9.19   | ug/L | 20      |   | 8260D  | Total/NA  |
| Chlorobenzene       | 23.6   |           | 20.0  | 9.10   | ug/L | 20      |   | 8260D  | Total/NA  |
| Tetrahydrofuran     | 1300   |           | 200   | 36.7   | ug/L | 20      |   | 8260D  | Total/NA  |
| Toluene             | 86.0   |           | 20.0  | 9.50   | ug/L | 20      |   | 8260D  | Total/NA  |
| 1,2-Dichlorobenzene | 0.233  | J         | 0.567 | 0.100  | ug/L | 1       |   | 8270E  | Total/NA  |
| 1,4-Dioxane         | 3.53   |           | 0.567 | 0.104  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylnaphthalene | 1.88   |           | 0.567 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Methylphenol      | 0.521  | J I       | 0.567 | 0.108  | ug/L | 1       |   | 8270E  | Total/NA  |
| 2-Nitroaniline      | 2.20   |           | 0.567 | 0.157  | ug/L | 1       |   | 8270E  | Total/NA  |
| 3 & 4 Methylphenol  | 2.77   |           | 0.567 | 0.0936 | ug/L | 1       |   | 8270E  | Total/NA  |
| Dibenzofuran        | 6.64   |           | 0.567 | 0.111  | ug/L | 1       |   | 8270E  | Total/NA  |
| Fluorene            | 0.249  | J         | 0.567 | 0.112  | ug/L | 1       |   | 8270E  | Total/NA  |
| Naphthalene         | 21.1   |           | 0.567 | 0.113  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenanthrene        | 0.122  | J         | 0.567 | 0.106  | ug/L | 1       |   | 8270E  | Total/NA  |
| Phenol              | 3.01   |           | 1.13  | 0.502  | ug/L | 1       |   | 8270E  | Total/NA  |
| Acetophenone        | 1.05   | J         | 1.13  | 0.137  | ug/L | 1       |   | 8270E  | Total/NA  |
| Diphenyl ether - DL | 9270   |           | 567   | 100    | ug/L | 1000    |   | 8270E  | Total/NA  |
| 1,1'-Biphenyl - DL  | 3680   |           | 567   | 112    | ug/L | 1000    |   | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: TB-10

Lab Sample ID: 860-116515-1

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 20:48 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 20:48 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 20:48 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 20:48 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 20:48 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Chloroprene                           | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/19/25 20:48 | 1       |
| cis-1,2-Dichloroethene                | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/19/25 20:48 | 1       |
| cis-1,3-Dichloropropene               | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Cumene (isopropylbenzene)             | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Cyclohexane                           | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Dibromomethane                        | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Dichlorodifluoromethane               | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Ethyl methacrylate                    | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Ethylbenzene                          | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Hexane                                | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/19/25 20:48 | 1       |
| Iodomethane                           | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/19/25 20:48 | 1       |
| Isobutanol                            | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/19/25 20:48 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: TB-10

Lab Sample ID: 860-116515-1

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/19/25 20:48 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/19/25 20:48 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/19/25 20:48 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/19/25 20:48 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/19/25 20:48 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/19/25 20:48 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/19/25 20:48 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/19/25 20:48 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/19/25 20:48 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/19/25 20:48 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 20:48 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 20:48 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 63 - 144 |          | 11/19/25 20:48 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |          | 11/19/25 20:48 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 75 - 131 |          | 11/19/25 20:48 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/19/25 20:48 | 1       |

Client Sample ID: MW-75

Lab Sample ID: 860-116515-2

Date Collected: 11/13/25 08:40

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 21:49 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-75

Lab Sample ID: 860-116515-2

Date Collected: 11/13/25 08:40

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 21:49 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 21:49 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 21:49 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 21:49 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/19/25 21:49 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/19/25 21:49 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Toluene                          | <0.475 | U         | 1.00 | 0.475 | ug/L |   |          | 11/19/25 21:49 | 1       |
| trans-1,2-Dichloroethene         | <0.368 | U         | 1.00 | 0.368 | ug/L |   |          | 11/19/25 21:49 | 1       |
| trans-1,3-Dichloropropene        | <1.27  | U         | 5.00 | 1.27  | ug/L |   |          | 11/19/25 21:49 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35  | U         | 10.0 | 1.35  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Trichloroethene                  | <1.50  | U         | 5.00 | 1.50  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Trichlorofluoromethane           | <0.560 | U         | 1.00 | 0.560 | ug/L |   |          | 11/19/25 21:49 | 1       |
| Vinyl acetate                    | <2.14  | U         | 20.0 | 2.14  | ug/L |   |          | 11/19/25 21:49 | 1       |
| Vinyl chloride                   | <0.428 | U         | 2.00 | 0.428 | ug/L |   |          | 11/19/25 21:49 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-75

Lab Sample ID: 860-116515-2

Date Collected: 11/13/25 08:40

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/19/25 21:49 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/19/25 21:49 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/19/25 21:49 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          |      |   |          | 11/19/25 21:49 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 74 - 124 |          |      |   |          | 11/19/25 21:49 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 75 - 131 |          |      |   |          | 11/19/25 21:49 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          |      |   |          | 11/19/25 21:49 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121  | U         | 0.571 | 0.121  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,2-Dichlorobenzene          | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,3-Dichlorobenzene          | <0.108  | U         | 0.571 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,4-Dichlorobenzene          | <0.110  | U         | 0.571 | 0.110  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85   | U         | 2.86  | 1.85   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,4,5-Trichlorophenol        | <0.431  | U         | 0.571 | 0.431  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,4,6-Trichlorophenol        | <0.117  | U         | 0.571 | 0.117  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,4-Dichlorophenol           | <0.126  | U         | 0.571 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,4-Dimethylphenol           | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,4-Dioxane                  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,4-Dinitrotoluene           | <0.513  | U **      | 1.14  | 0.513  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,6-Dinitrotoluene           | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Methylphenol               | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Nitroaniline               | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 3 & 4 Methylphenol           | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 3-Nitroaniline               | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4-Chloroaniline              | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4-Nitroaniline               | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Acenaphthylene               | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Aniline                      | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Anthracene                   | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Benzo[a]anthracene           | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Benzo[a]pyrene               | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Benzo[b]fluoranthene         | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Benzo[g,h,i]perylene         | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Benzo[k]fluoranthene         | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Benzyl alcohol               | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Bis(2-chloroethyl)ether      | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-75

Lab Sample ID: 860-116515-2

Date Collected: 11/13/25 08:40

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Bis(2-ethylhexyl) phthalate | <0.571  | U **      | 1.14  | 0.571  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Di-n-octyl phthalate        | <0.286  | U **      | 1.14  | 0.286  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U **      | 0.571 | 0.147  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Pentachlorophenol           | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Phenanthrene                | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Phenol                      | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Pyrene                      | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Pyridine                    | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitro-o-toluidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Acetophenone                | <0.138  | U         | 1.14  | 0.138  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosopiperidine         | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Pentachlorobenzene          | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Diphenyl ether              | 0.994   |           | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,1'-Biphenyl               | 0.330   | J         | 0.571 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4-Aminobiphenyl             | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,3,5-Trinitrobenzene       | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,3-Dinitrobenzene          | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1,4-Naphthoquinone          | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 1-Naphthylamine             | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2,6-Dichlorophenol          | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Acetylaminofluorene       | <1.71   | U **      | 2.86  | 1.71   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Chlorophenol              | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Naphthylamine             | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Picoline                  | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Toluidine                 | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 3,3'-Dichlorobenzidine      | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 3,3'-Dimethylbenzidine      | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 3-Methylcholanthrene        | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 4-Nitroquinoline-1-oxide    | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-75

Lab Sample ID: 860-116515-2

Date Collected: 11/13/25 08:40

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 7,12-Dimethylbenz(a)anthracene    | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Aramite Peak 1                    | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Aramite Peak 2                    | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Aramite, Total                    | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Diallate                          | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Diallate Peak 1                   | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Diallate Peak 2                   | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Dimethoate                        | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Dinoseb                           | <0.676  | U **      | 2.86  | 0.676  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Disulfoton                        | <2.15   | U **      | 2.86  | 2.15   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Ethyl methanesulfonate            | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Ethyl Parathion                   | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Famphur                           | <0.259  | U **      | 1.14  | 0.259  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Hexachloropropene                 | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Isosafrole                        | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Isosafrole Peak 1                 | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Isosafrole Peak 2                 | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Methapyrilene                     | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Methyl methanesulfonate           | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Methyl parathion                  | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosodiethylamine             | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosodimethylamine            | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosodi-n-butylamine          | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosomethylethylamine         | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosomorpholine               | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| N-Nitrosopyrrolidine              | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| p-Dimethylamino azobenzene        | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Pentachloronitrobenzene           | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Phenacetin                        | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Phorate                           | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| p-Phenylene diamine               | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Pronamide                         | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Safrole, Total                    | <0.0920 | U         | 0.571 | 0.0920 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Sulfotepp                         | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Thionazin                         | <0.340  | U **      | 1.14  | 0.340  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:24 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 95        |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Fluorobiphenyl            | 81        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 97        |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 07:24 | 1       |
| p-Terphenyl-d14             | 85        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 07:24 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U *1      | 5.71 | 1.45 | ug/L |   | 11/17/25 15:08 | 11/27/25 00:37 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

**Client Sample ID: MW-75**

**Lab Sample ID: 860-116515-2**

**Date Collected: 11/13/25 08:40**

**Matrix: Water**

**Date Received: 11/14/25 09:34**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 128       |           | 26 - 136 | 11/17/25 15:08 | 11/27/25 00:37 | 1       |
| 2-Fluorobiphenyl            | 86        |           | 39 - 130 | 11/17/25 15:08 | 11/27/25 00:37 | 1       |
| 2-Fluorophenol (Surr)       | 51        |           | 19 - 120 | 11/17/25 15:08 | 11/27/25 00:37 | 1       |
| Nitrobenzene-d5 (Surr)      | 115       |           | 32 - 133 | 11/17/25 15:08 | 11/27/25 00:37 | 1       |
| Phenol-d5 (Surr)            | 33        |           | 8 - 124  | 11/17/25 15:08 | 11/27/25 00:37 | 1       |
| p-Terphenyl-d14             | 88        |           | 28 - 130 | 11/17/25 15:08 | 11/27/25 00:37 | 1       |

**Client Sample ID: MW-54**

**Lab Sample ID: 860-116515-3**

**Date Collected: 11/13/25 08:45**

**Matrix: Water**

**Date Received: 11/14/25 09:34**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 22:10 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 22:10 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 22:10 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 22:10 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 22:10 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 22:10 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 22:10 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 22:10 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 22:10 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 22:10 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 22:10 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 22:10 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 22:10 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 22:10 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-54

Lab Sample ID: 860-116515-3

Date Collected: 11/13/25 08:45

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/19/25 22:10 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/19/25 22:10 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/19/25 22:10 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/19/25 22:10 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/19/25 22:10 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/19/25 22:10 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/19/25 22:10 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/19/25 22:10 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 22:10 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 22:10 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 63 - 144 |          | 11/19/25 22:10 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 74 - 124 |          | 11/19/25 22:10 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 75 - 131 |          | 11/19/25 22:10 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 11/19/25 22:10 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.572 | 0.121 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.572 | 0.101 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.572 | 0.108 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U         | 0.572 | 0.110 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.86  | 1.85  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,4,5-Trichlorophenol        | <0.432 | U         | 0.572 | 0.432 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.572 | 0.117 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.572 | 0.126 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.572 | 0.112 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-54

Lab Sample ID: 860-116515-3

Date Collected: 11/13/25 08:45

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                 | <0.105  | U         | 0.572 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,4-Dinitrophenol           | <1.38   | U         | 5.72  | 1.38   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,4-Dinitrotoluene          | <0.514  | U **      | 1.14  | 0.514  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,6-Dinitrotoluene          | <0.273  | U         | 0.572 | 0.273  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Chloronaphthalene         | <0.118  | U         | 0.572 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Nitroaniline              | <0.158  | U         | 0.572 | 0.158  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.572 | 0.137  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 3 & 4 Methylphenol          | <0.0945 | U         | 0.572 | 0.0945 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 3-Nitroaniline              | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4-Bromophenyl phenyl ether  | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.572 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4-Chloroaniline             | <0.0882 | U         | 0.572 | 0.0882 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0955 | U         | 0.572 | 0.0955 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4-Nitroaniline              | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Acenaphthene                | <0.101  | U         | 0.572 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Aniline                     | <0.451  | U         | 1.14  | 0.451  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Anthracene                  | <0.104  | U         | 0.572 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.572 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Benzo[g,h,i]perylene        | <0.0904 | U         | 0.572 | 0.0904 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.572 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Benzyl alcohol              | <0.225  | U         | 2.86  | 0.225  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108  | U         | 0.572 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.572  | U **      | 1.14  | 0.572  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Butyl benzyl phthalate      | <0.337  | U         | 1.14  | 0.337  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Chrysene                    | <0.0967 | U         | 0.572 | 0.0967 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Dibenz(a,h)anthracene       | <0.0852 | U         | 0.114 | 0.0852 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.572 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Dimethyl phthalate          | <0.134  | U         | 1.14  | 0.134  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Di-n-butyl phthalate        | <0.661  | U         | 1.14  | 0.661  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Di-n-octyl phthalate        | <0.286  | U **      | 1.14  | 0.286  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Fluoranthene                | <0.120  | U         | 0.572 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Fluorene                    | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.572 | 0.162  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Isophorone                  | <0.106  | U         | 0.572 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Naphthalene                 | <0.114  | U         | 0.572 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Nitrobenzene                | <0.153  | U         | 0.572 | 0.153  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148  | U **      | 0.572 | 0.148  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-54

Lab Sample ID: 860-116515-3

Date Collected: 11/13/25 08:45

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodiphenylamine         | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Pentachlorophenol              | <0.312  | U         | 0.572 | 0.312  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Phenanthrene                   | <0.107  | U         | 0.572 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Phenol                         | <0.507  | U         | 1.14  | 0.507  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Pyrene                         | <0.129  | U         | 0.572 | 0.129  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Pyridine                       | <0.838  | U         | 2.86  | 0.838  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitro-o-toluidine            | <0.652  | U         | 1.14  | 0.652  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.254  | U         | 0.572 | 0.254  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Acetophenone                   | <0.139  | U         | 1.14  | 0.139  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitrosopiperidine            | <0.632  | U         | 1.14  | 0.632  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Pentachlorobenzene             | <0.125  | U         | 0.572 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Diphenyl ether                 | 0.318   | J         | 0.572 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,1'-Biphenyl                  | <0.113  | U         | 0.572 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4-Aminobiphenyl                | <0.195  | U         | 0.572 | 0.195  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115  | U         | 0.572 | 0.115  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,3,5-Trinitrobenzene          | <0.654  | U         | 1.14  | 0.654  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,3-Dinitrobenzene             | <0.588  | U         | 1.14  | 0.588  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1,4-Naphthoquinone             | <0.0613 | U         | 0.572 | 0.0613 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 1-Naphthylamine                | <0.270  | U         | 0.572 | 0.270  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2,6-Dichlorophenol             | <0.0974 | U         | 0.572 | 0.0974 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Acetylaminofluorene          | <1.71   | U **      | 2.86  | 1.71   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Chlorophenol                 | <0.103  | U         | 0.572 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Naphthylamine                | <0.412  | U         | 0.572 | 0.412  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Picoline                     | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Toluidine                    | <0.425  | U         | 0.572 | 0.425  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 3,3'-Dichlorobenzidine         | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295  | U         | 0.572 | 0.295  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 3-Methylcholanthrene           | <0.0883 | U         | 0.572 | 0.0883 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.637  | U         | 1.14  | 0.637  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128  | U         | 0.572 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Aramite Peak 1                 | <0.184  | U         | 0.572 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Aramite Peak 2                 | <0.203  | U         | 0.572 | 0.203  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Aramite, Total                 | <0.184  | U         | 0.572 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Diallate                       | <0.0299 | U         | 0.572 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Diallate Peak 1                | <0.0749 | U         | 0.572 | 0.0749 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Diallate Peak 2                | <0.0299 | U         | 0.572 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Dimethoate                     | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Dinoseb                        | <0.677  | U **      | 2.86  | 0.677  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Disulfoton                     | <2.16   | U **      | 2.86  | 2.16   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Ethyl methanesulfonate         | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Ethyl Parathion                | <0.626  | U **      | 1.14  | 0.626  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Famphur                        | <0.259  | U **      | 1.14  | 0.259  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Hexachloropropene              | <0.572  | U         | 0.572 | 0.572  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Isosafrole                     | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Isosafrole Peak 1              | <0.0231 | U         | 0.572 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Isosafrole Peak 2              | <0.0986 | U         | 0.572 | 0.0986 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Methapyrilene                  | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Methyl methanesulfonate        | <0.186  | U         | 0.572 | 0.186  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Methyl parathion               | <2.77   | U **      | 2.86  | 2.77   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-54

Lab Sample ID: 860-116515-3

Date Collected: 11/13/25 08:45

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodiethylamine            | <0.674  | U         | 1.14  | 0.674  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.572 | 0.159  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitrosodi-n-butylamine         | <0.725  | U         | 1.14  | 0.725  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitrosomethylethylamine        | <0.702  | U         | 1.14  | 0.702  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitrosomorpholine              | <0.714  | U         | 1.14  | 0.714  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.572 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.572 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.572 | 0.154  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Pentachloronitrobenzene          | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Phenacetin                       | <0.253  | U         | 0.572 | 0.253  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Phorate                          | <2.61   | U **      | 5.72  | 2.61   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| p-Phenylene diamine              | <5.72   | U         | 5.72  | 5.72   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Pronamide                        | <0.134  | U         | 0.572 | 0.134  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Safrole, Total                   | <0.0922 | U         | 0.572 | 0.0922 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Sulfotepp                        | <0.472  | U **      | 1.14  | 0.472  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Thionazin                        | <0.340  | U **      | 1.14  | 0.340  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:56 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 97        |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| 2-Fluorophenol (Surr)       | 51        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Nitrobenzene-d5 (Surr)      | 101       |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| Phenol-d5 (Surr)            | 31        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 06:56 | 1       |
| p-Terphenyl-d14             | 77        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 06:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U *1      | 5.72 | 1.45 | ug/L |   | 11/17/25 15:08 | 11/27/25 00:07 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 117       |           | 26 - 136 | 11/17/25 15:08 | 11/27/25 00:07 | 1       |
| 2-Fluorobiphenyl            | 89        |           | 39 - 130 | 11/17/25 15:08 | 11/27/25 00:07 | 1       |
| 2-Fluorophenol (Surr)       | 56        |           | 19 - 120 | 11/17/25 15:08 | 11/27/25 00:07 | 1       |
| Nitrobenzene-d5 (Surr)      | 111       |           | 32 - 133 | 11/17/25 15:08 | 11/27/25 00:07 | 1       |
| Phenol-d5 (Surr)            | 39        |           | 8 - 124  | 11/17/25 15:08 | 11/27/25 00:07 | 1       |
| p-Terphenyl-d14             | 78        |           | 28 - 130 | 11/17/25 15:08 | 11/27/25 00:07 | 1       |

Client Sample ID: FB-04

Lab Sample ID: 860-116515-4

Date Collected: 11/13/25 08:45

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 21:09 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: FB-04

Lab Sample ID: 860-116515-4

Date Collected: 11/13/25 08:45

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene           | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 2,2,4-Trimethylpentane           | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 21:09 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 21:09 | 1       |
| 2-Propanol                       | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 21:09 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 21:09 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Acetone                          | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 21:09 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Benzene                          | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/19/25 21:09 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/19/25 21:09 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Cumene (isopropylbenzene)        | <0.592 | U         | 1.00 | 0.592 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Ethylbenzene                     | <0.385 | U         | 1.00 | 0.385 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/19/25 21:09 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/19/25 21:09 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/19/25 21:09 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: FB-04

Lab Sample ID: 860-116515-4

Date Collected: 11/13/25 08:45

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|------|---|----------|----------------|---------|
| Tetrahydrofuran              | <1.83     | U         | 10.0     | 1.83     | ug/L |   |          | 11/19/25 21:09 | 1       |
| Toluene                      | <0.475    | U         | 1.00     | 0.475    | ug/L |   |          | 11/19/25 21:09 | 1       |
| trans-1,2-Dichloroethene     | <0.368    | U         | 1.00     | 0.368    | ug/L |   |          | 11/19/25 21:09 | 1       |
| trans-1,3-Dichloropropene    | <1.27     | U         | 5.00     | 1.27     | ug/L |   |          | 11/19/25 21:09 | 1       |
| trans-1,4-Dichloro-2-butene  | <1.35     | U         | 10.0     | 1.35     | ug/L |   |          | 11/19/25 21:09 | 1       |
| Trichloroethene              | <1.50     | U         | 5.00     | 1.50     | ug/L |   |          | 11/19/25 21:09 | 1       |
| Trichlorofluoromethane       | <0.560    | U         | 1.00     | 0.560    | ug/L |   |          | 11/19/25 21:09 | 1       |
| Vinyl acetate                | <2.14     | U         | 20.0     | 2.14     | ug/L |   |          | 11/19/25 21:09 | 1       |
| Vinyl chloride               | <0.428    | U         | 2.00     | 0.428    | ug/L |   |          | 11/19/25 21:09 | 1       |
| Xylenes, Total               | <1.24     | U         | 2.00     | 1.24     | ug/L |   |          | 11/19/25 21:09 | 1       |
| m,p-Xylenes                  | <0.00124  | U         | 0.00200  | 0.00124  | mg/L |   |          | 11/19/25 21:09 | 1       |
| o-Xylene                     | <0.000502 | U         | 0.00100  | 0.000502 | mg/L |   |          | 11/19/25 21:09 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |          |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 63 - 144 |          |      |   |          | 11/19/25 21:09 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 74 - 124 |          |      |   |          | 11/19/25 21:09 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 75 - 131 |          |      |   |          | 11/19/25 21:09 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          |      |   |          | 11/19/25 21:09 | 1       |

Client Sample ID: MW-52-S

Lab Sample ID: 860-116515-5

Date Collected: 11/13/25 09:30

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 22:30 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 22:30 | 1       |
| 2-Propanol                            | 10.2   |           | 10.0 | 5.23  | ug/L |   |          | 11/19/25 22:30 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 22:30 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 22:30 | 1       |
| Acetone                               | 7.68   | J         | 100  | 3.07  | ug/L |   |          | 11/19/25 22:30 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 22:30 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 22:30 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 22:30 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-S

Lab Sample ID: 860-116515-5

Date Collected: 11/13/25 09:30

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result       | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------------|-----------|---------|----------|------|---|----------|----------------|---------|
| alpha-Chlorotoluene              | <2.26        | U         | 5.00    | 2.26     | ug/L |   |          | 11/19/25 22:30 | 1       |
| <b>Benzene</b>                   | <b>31.3</b>  |           | 1.00    | 0.460    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Bromodichloromethane             | <0.552       | U         | 1.00    | 0.552    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Bromoform                        | <0.633       | U         | 5.00    | 0.633    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Bromomethane                     | <1.42        | U         | 5.00    | 1.42     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Carbon disulfide                 | <1.65        | U         | 5.00    | 1.65     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Carbon tetrachloride             | <0.896       | U         | 2.00    | 0.896    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Chlorobenzene                    | <0.455       | U         | 1.00    | 0.455    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Chlorodibromomethane             | <0.547       | U         | 5.00    | 0.547    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Chloroethane                     | <1.98        | U         | 10.0    | 1.98     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Chloroform                       | <0.464       | U         | 1.00    | 0.464    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Chloromethane                    | <2.04        | U         | 10.0    | 2.04     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Chloroprene                      | <0.598       | U         | 5.00    | 0.598    | ug/L |   |          | 11/19/25 22:30 | 1       |
| cis-1,2-Dichloroethene           | <0.457       | U         | 1.00    | 0.457    | ug/L |   |          | 11/19/25 22:30 | 1       |
| cis-1,3-Dichloropropene          | <1.07        | U         | 5.00    | 1.07     | ug/L |   |          | 11/19/25 22:30 | 1       |
| <b>Cumene (isopropylbenzene)</b> | <b>6.77</b>  |           | 1.00    | 0.592    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Cyclohexane                      | <1.29        | U         | 5.00    | 1.29     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Dibromomethane                   | <0.357       | U         | 1.00    | 0.357    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Dichlorodifluoromethane          | <0.785       | U         | 1.00    | 0.785    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Ethyl methacrylate               | <1.12        | U         | 5.00    | 1.12     | ug/L |   |          | 11/19/25 22:30 | 1       |
| <b>Ethylbenzene</b>              | <b>0.601</b> | <b>J</b>  | 1.00    | 0.385    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Hexane                           | <0.517       | U         | 5.00    | 0.517    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Iodomethane                      | <5.00        | U         | 20.0    | 5.00     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Isobutanol                       | <17.1        | U         | 50.0    | 17.1     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Methacrylonitrile                | <2.72        | U         | 10.0    | 2.72     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Methyl methacrylate              | <2.25        | U         | 10.0    | 2.25     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Methyl tert-butyl ether          | <1.39        | U         | 5.00    | 1.39     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Methylene Chloride               | <1.73        | U         | 5.00    | 1.73     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Propionitrile                    | <3.34        | U         | 10.0    | 3.34     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Propylbenzene                    | <0.429       | U         | 1.00    | 0.429    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Styrene                          | <0.619       | U         | 1.00    | 0.619    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Tetrachloroethene                | <0.655       | U         | 1.00    | 0.655    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Tetrahydrofuran                  | <1.83        | U         | 10.0    | 1.83     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Toluene                          | <0.475       | U         | 1.00    | 0.475    | ug/L |   |          | 11/19/25 22:30 | 1       |
| trans-1,2-Dichloroethene         | <0.368       | U         | 1.00    | 0.368    | ug/L |   |          | 11/19/25 22:30 | 1       |
| trans-1,3-Dichloropropene        | <1.27        | U         | 5.00    | 1.27     | ug/L |   |          | 11/19/25 22:30 | 1       |
| trans-1,4-Dichloro-2-butene      | <1.35        | U         | 10.0    | 1.35     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Trichloroethene                  | <1.50        | U         | 5.00    | 1.50     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Trichlorofluoromethane           | <0.560       | U         | 1.00    | 0.560    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Vinyl acetate                    | <2.14        | U         | 20.0    | 2.14     | ug/L |   |          | 11/19/25 22:30 | 1       |
| Vinyl chloride                   | <0.428       | U         | 2.00    | 0.428    | ug/L |   |          | 11/19/25 22:30 | 1       |
| Xylenes, Total                   | <1.24        | U         | 2.00    | 1.24     | ug/L |   |          | 11/19/25 22:30 | 1       |
| m,p-Xylenes                      | <0.00124     | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 22:30 | 1       |
| o-Xylene                         | <0.000502    | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 22:30 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          | 11/19/25 22:30 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          | 11/19/25 22:30 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/19/25 22:30 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 11/19/25 22:30 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-S

Lab Sample ID: 860-116515-5

Date Collected: 11/13/25 09:30

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result       | Qualifier  | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.119       | U          | 0.565 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,2-Dichlorobenzene          | <0.0998      | U          | 0.565 | 0.0998 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,3-Dichlorobenzene          | <0.107       | U          | 0.565 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,4-Dichlorobenzene          | <0.108       | U          | 0.565 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.83        | U          | 2.82  | 1.83   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,4,5-Trichlorophenol        | <0.426       | U          | 0.565 | 0.426  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,4,6-Trichlorophenol        | <0.115       | U          | 0.565 | 0.115  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,4-Dichlorophenol           | <0.125       | U          | 0.565 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,4-Dimethylphenol           | <0.111       | U          | 0.565 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| <b>1,4-Dioxane</b>           | <b>0.552</b> | <b>J</b>   | 0.565 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,4-Dinitrophenol            | <1.37        | U          | 5.65  | 1.37   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,4-Dinitrotoluene           | <0.507       | U *+       | 1.13  | 0.507  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,6-Dinitrotoluene           | <0.270       | U          | 0.565 | 0.270  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Chloronaphthalene          | <0.117       | U          | 0.565 | 0.117  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Methylnaphthalene          | <0.108       | U          | 0.565 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Methylphenol               | <0.108       | U          | 0.565 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Nitroaniline               | <0.156       | U          | 0.565 | 0.156  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Nitrophenol                | <0.136       | U          | 0.565 | 0.136  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 3 & 4 Methylphenol           | <0.0933      | U          | 0.565 | 0.0933 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 3-Nitroaniline               | <0.220       | U          | 1.13  | 0.220  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22        | U          | 2.82  | 1.22   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4-Bromophenyl phenyl ether   | <0.104       | U          | 0.565 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4-Chloro-3-methylphenol      | <0.118       | U          | 0.565 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4-Chloroaniline              | <0.0871      | U          | 0.565 | 0.0871 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0943      | U          | 0.565 | 0.0943 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4-Nitroaniline               | <0.268       | U          | 1.13  | 0.268  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| <b>Acenaphthene</b>          | <b>1.18</b>  |            | 0.565 | 0.100  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Acenaphthylene               | <0.124       | U          | 0.565 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Aniline                      | <0.445       | U          | 1.13  | 0.445  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Anthracene                   | <0.103       | U          | 0.565 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Benzo[a]anthracene           | <0.125       | U          | 0.282 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Benzo[a]pyrene               | <0.106       | U          | 0.282 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Benzo[b]fluoranthene         | <0.123       | U          | 0.565 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Benzo[g,h,i]perylene         | <0.0893      | U          | 0.565 | 0.0893 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Benzo[k]fluoranthene         | <0.122       | U          | 0.565 | 0.122  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| <b>Benzyl alcohol</b>        | <b>0.476</b> | <b>J I</b> | 2.82  | 0.222  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Bis(2-chloroethoxy)methane   | <0.106       | U          | 0.565 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Bis(2-chloroethyl)ether      | <0.105       | U          | 0.565 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.565       | U *+       | 1.13  | 0.565  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Butyl benzyl phthalate       | <0.332       | U          | 1.13  | 0.332  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Chrysene                     | <0.0954      | U          | 0.565 | 0.0954 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Dibenz(a,h)anthracene        | <0.0841      | U          | 0.113 | 0.0841 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| <b>Dibenzofuran</b>          | <b>0.130</b> | <b>J</b>   | 0.565 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Diethyl phthalate            | <0.185       | U          | 1.13  | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Dimethyl phthalate           | <0.132       | U          | 1.13  | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Di-n-butyl phthalate         | <0.653       | U          | 1.13  | 0.653  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Di-n-octyl phthalate         | <0.282       | U *+       | 1.13  | 0.282  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| <b>Fluoranthene</b>          | <b>0.224</b> | <b>J</b>   | 0.565 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| <b>Fluorene</b>              | <b>0.428</b> | <b>J</b>   | 0.565 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-S

Lab Sample ID: 860-116515-5

Date Collected: 11/13/25 09:30

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorobenzene              | <0.131  | U         | 0.565 | 0.131  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Hexachlorobutadiene            | <0.160  | U         | 0.565 | 0.160  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Hexachlorocyclopentadiene      | <0.177  | U         | 1.13  | 0.177  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Hexachloroethane               | <0.124  | U         | 0.565 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.102  | U         | 0.565 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Isophorone                     | <0.105  | U         | 0.565 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Naphthalene                    | 0.503   | J         | 0.565 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Nitrobenzene                   | <0.151  | U         | 0.565 | 0.151  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosodi-n-propylamine      | <0.146  | U **      | 0.565 | 0.146  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosodiphenylamine         | <0.111  | U         | 0.565 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Pentachlorophenol              | <0.308  | U         | 0.565 | 0.308  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Phenanthrene                   | <0.106  | U         | 0.565 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Phenol                         | 7.39    |           | 1.13  | 0.501  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Pyrene                         | 0.154   | J         | 0.565 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Pyridine                       | <0.827  | U         | 2.82  | 0.827  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitro-o-toluidine            | <0.644  | U         | 1.13  | 0.644  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.251  | U         | 0.565 | 0.251  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Acetophenone                   | <0.137  | U         | 1.13  | 0.137  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosopiperidine            | <0.624  | U         | 1.13  | 0.624  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Pentachlorobenzene             | <0.124  | U         | 0.565 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,1'-Biphenyl                  | 3.97    |           | 0.565 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4-Aminobiphenyl                | <0.193  | U         | 0.565 | 0.193  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.114  | U         | 0.565 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,3,5-Trinitrobenzene          | <0.646  | U         | 1.13  | 0.646  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,3-Dinitrobenzene             | <0.581  | U         | 1.13  | 0.581  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1,4-Naphthoquinone             | <0.0605 | U         | 0.565 | 0.0605 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 1-Naphthylamine                | <0.266  | U         | 0.565 | 0.266  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2,6-Dichlorophenol             | <0.0962 | U         | 0.565 | 0.0962 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Acetylaminofluorene          | <1.69   | U **      | 2.82  | 1.69   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Chlorophenol                 | <0.101  | U         | 0.565 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Naphthylamine                | <0.407  | U         | 0.565 | 0.407  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Picoline                     | <1.02   | U         | 1.13  | 1.02   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Toluidine                    | <0.420  | U         | 0.565 | 0.420  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 3,3'-Dichlorobenzidine         | <0.642  | U         | 1.13  | 0.642  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 3,3'-Dimethylbenzidine         | <0.292  | U         | 0.565 | 0.292  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 3-Methylcholanthrene           | <0.0871 | U         | 0.565 | 0.0871 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.629  | U         | 1.13  | 0.629  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.126  | U         | 0.565 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Aramite Peak 1                 | <0.182  | U         | 0.565 | 0.182  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Aramite Peak 2                 | <0.201  | U         | 0.565 | 0.201  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Aramite, Total                 | <0.182  | U         | 0.565 | 0.182  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Diallate                       | <0.0296 | U         | 0.565 | 0.0296 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Diallate Peak 1                | <0.0739 | U         | 0.565 | 0.0739 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Diallate Peak 2                | <0.0296 | U         | 0.565 | 0.0296 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Dimethoate                     | <0.493  | U **      | 2.82  | 0.493  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Dinoseb                        | <0.669  | U **      | 2.82  | 0.669  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Disulfoton                     | <2.13   | U **      | 2.82  | 2.13   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Ethyl methanesulfonate         | <0.183  | U         | 0.565 | 0.183  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Ethyl Parathion                | <0.618  | U **      | 1.13  | 0.618  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-S

Lab Sample ID: 860-116515-5

Date Collected: 11/13/25 09:30

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Famphur                           | <0.256  | U **      | 1.13  | 0.256  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Hexachloropropene                 | <0.565  | U         | 0.565 | 0.565  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Isosafrole                        | <0.0228 | U         | 0.565 | 0.0228 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Isosafrole Peak 1                 | <0.0228 | U         | 0.565 | 0.0228 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Isosafrole Peak 2                 | <0.0974 | U         | 0.565 | 0.0974 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Methapyrilene                     | <1.50   | U         | 2.26  | 1.50   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Methyl methanesulfonate           | <0.184  | U         | 0.565 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Methyl parathion                  | <2.73   | U **      | 2.82  | 2.73   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosodiethylamine             | <0.665  | U         | 1.13  | 0.665  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosodimethylamine            | <0.157  | U         | 0.565 | 0.157  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosodi-n-butylamine          | <0.715  | U         | 1.13  | 0.715  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosomethylethylamine         | <0.693  | U         | 1.13  | 0.693  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosomorpholine               | <0.705  | U         | 1.13  | 0.705  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| N-Nitrosopyrrolidine              | <0.107  | U         | 0.565 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.131  | U         | 0.565 | 0.131  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| p-Dimethylamino azobenzene        | <0.152  | U         | 0.565 | 0.152  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Pentachloronitrobenzene           | <0.250  | U         | 0.565 | 0.250  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Phenacetin                        | <0.249  | U         | 0.565 | 0.249  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Phorate                           | <2.58   | U **      | 5.65  | 2.58   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| p-Phenylene diamine               | <5.65   | U         | 5.65  | 5.65   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Pronamide                         | <0.133  | U         | 0.565 | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Safrole, Total                    | <0.0910 | U         | 0.565 | 0.0910 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Sulfotepp                         | <0.466  | U **      | 1.13  | 0.466  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Thionazin                         | <0.336  | U **      | 1.13  | 0.336  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:28 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 95        |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Nitrobenzene-d5 (Surr)      | 90        |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| Phenol-d5 (Surr)            | 31        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 06:28 | 1       |
| p-Terphenyl-d14             | 82        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 06:28 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 912    |           | 56.5 | 9.99 | ug/L |   | 11/17/25 15:08 | 12/01/25 17:28 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/17/25 15:08 | 12/01/25 17:28 | 100     |
| 2-Fluorobiphenyl            | 77        |           | 39 - 130 | 11/17/25 15:08 | 12/01/25 17:28 | 100     |
| 2-Fluorophenol (Surr)       | 44        |           | 19 - 120 | 11/17/25 15:08 | 12/01/25 17:28 | 100     |
| Nitrobenzene-d5 (Surr)      | 71        |           | 32 - 133 | 11/17/25 15:08 | 12/01/25 17:28 | 100     |
| Phenol-d5 (Surr)            | 61        |           | 8 - 124  | 11/17/25 15:08 | 12/01/25 17:28 | 100     |
| p-Terphenyl-d14             | 77        |           | 28 - 130 | 11/17/25 15:08 | 12/01/25 17:28 | 100     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.43  | U *1      | 5.65 | 1.43 | ug/L |   | 11/17/25 15:08 | 11/26/25 23:37 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 128       |           | 26 - 136 | 11/17/25 15:08 | 11/26/25 23:37 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

**Client Sample ID: MW-52-S**

**Lab Sample ID: 860-116515-5**

**Date Collected: 11/13/25 09:30**

**Matrix: Water**

**Date Received: 11/14/25 09:34**

**Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA (Continued)**

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl       | 82        |           | 39 - 130 | 11/17/25 15:08 | 11/26/25 23:37 | 1       |
| 2-Fluorophenol (Surr)  | 51        |           | 19 - 120 | 11/17/25 15:08 | 11/26/25 23:37 | 1       |
| Nitrobenzene-d5 (Surr) | 99        |           | 32 - 133 | 11/17/25 15:08 | 11/26/25 23:37 | 1       |
| Phenol-d5 (Surr)       | 39        |           | 8 - 124  | 11/17/25 15:08 | 11/26/25 23:37 | 1       |
| p-Terphenyl-d14        | 80        |           | 28 - 130 | 11/17/25 15:08 | 11/26/25 23:37 | 1       |

**Client Sample ID: RB-04**

**Lab Sample ID: 860-116515-6**

**Date Collected: 11/13/25 09:55**

**Matrix: Water**

**Date Received: 11/14/25 09:34**

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,1,1-Trichloroethane                 | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,2-Dibromoethane                     | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,2-Dichloroethane                    | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,2-Dichloropropane                   | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 1,3-Butadiene                         | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 2,2,4-Trimethylpentane                | <0.500 | U         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 2-Butanone (MEK)                      | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 22:51 | 1       |
| 2-Hexanone (MBK)                      | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 22:51 | 1       |
| 2-Propanol                            | <5.23  | U         | 10.0 | 5.23  | ug/L |   |          | 11/19/25 22:51 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 22:51 | 1       |
| 4-Methyl-2-pentanone                  | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Acetone                               | <3.07  | U         | 100  | 3.07  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Acetonitrile                          | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Acrolein                              | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Acrylonitrile                         | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 22:51 | 1       |
| alpha-Chlorotoluene                   | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Benzene                               | <0.460 | U         | 1.00 | 0.460 | ug/L |   |          | 11/19/25 22:51 | 1       |
| Bromodichloromethane                  | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 22:51 | 1       |
| Bromoform                             | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 22:51 | 1       |
| Bromomethane                          | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Carbon disulfide                      | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Carbon tetrachloride                  | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 22:51 | 1       |
| Chlorobenzene                         | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 22:51 | 1       |
| Chlorodibromomethane                  | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 22:51 | 1       |
| Chloroethane                          | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 22:51 | 1       |
| Chloroform                            | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 22:51 | 1       |
| Chloromethane                         | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 22:51 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: RB-04

Lab Sample ID: 860-116515-6

Date Collected: 11/13/25 09:55

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Chloroprene                 | <0.598    | U         | 5.00    | 0.598    | ug/L |   |          | 11/19/25 22:51 | 1       |
| cis-1,2-Dichloroethene      | <0.457    | U         | 1.00    | 0.457    | ug/L |   |          | 11/19/25 22:51 | 1       |
| cis-1,3-Dichloropropene     | <1.07     | U         | 5.00    | 1.07     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Cumene (isopropylbenzene)   | <0.592    | U         | 1.00    | 0.592    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Cyclohexane                 | <1.29     | U         | 5.00    | 1.29     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Dibromomethane              | <0.357    | U         | 1.00    | 0.357    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Dichlorodifluoromethane     | <0.785    | U         | 1.00    | 0.785    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Ethyl methacrylate          | <1.12     | U         | 5.00    | 1.12     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Ethylbenzene                | <0.385    | U         | 1.00    | 0.385    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Hexane                      | <0.517    | U         | 5.00    | 0.517    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Iodomethane                 | <5.00     | U         | 20.0    | 5.00     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Isobutanol                  | <17.1     | U         | 50.0    | 17.1     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Methacrylonitrile           | <2.72     | U         | 10.0    | 2.72     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Methyl methacrylate         | <2.25     | U         | 10.0    | 2.25     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Methyl tert-butyl ether     | <1.39     | U         | 5.00    | 1.39     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Methylene Chloride          | <1.73     | U         | 5.00    | 1.73     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Propionitrile               | <3.34     | U         | 10.0    | 3.34     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Propylbenzene               | <0.429    | U         | 1.00    | 0.429    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Styrene                     | <0.619    | U         | 1.00    | 0.619    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Tetrachloroethene           | <0.655    | U         | 1.00    | 0.655    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Tetrahydrofuran             | <1.83     | U         | 10.0    | 1.83     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/19/25 22:51 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/19/25 22:51 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/19/25 22:51 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/19/25 22:51 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/19/25 22:51 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/19/25 22:51 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 22:51 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 22:51 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          | 11/19/25 22:51 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |          | 11/19/25 22:51 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/19/25 22:51 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 11/19/25 22:51 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.121 | U         | 0.571 | 0.121 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,2-Dichlorobenzene          | <0.101 | U         | 0.571 | 0.101 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,3-Dichlorobenzene          | <0.108 | U         | 0.571 | 0.108 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,4-Dichlorobenzene          | <0.110 | U         | 0.571 | 0.110 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85  | U         | 2.86  | 1.85  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,4,5-Trichlorophenol        | <0.431 | U         | 0.571 | 0.431 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,4,6-Trichlorophenol        | <0.117 | U         | 0.571 | 0.117 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,4-Dichlorophenol           | <0.126 | U         | 0.571 | 0.126 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,4-Dimethylphenol           | <0.112 | U         | 0.571 | 0.112 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: RB-04

Lab Sample ID: 860-116515-6

Date Collected: 11/13/25 09:55

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,4-Dioxane                 | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,4-Dinitrophenol           | <1.38   | U         | 5.71  | 1.38   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,4-Dinitrotoluene          | <0.513  | U **      | 1.14  | 0.513  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,6-Dinitrotoluene          | <0.273  | U         | 0.571 | 0.273  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Chloronaphthalene         | <0.118  | U         | 0.571 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Methylnaphthalene         | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Methylphenol              | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Nitroaniline              | <0.158  | U         | 0.571 | 0.158  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Nitrophenol               | <0.137  | U         | 0.571 | 0.137  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 3 & 4 Methylphenol          | <0.0944 | U         | 0.571 | 0.0944 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 3-Nitroaniline              | <0.223  | U         | 1.14  | 0.223  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4,6-Dinitro-2-methylphenol  | <1.23   | U         | 2.86  | 1.23   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4-Bromophenyl phenyl ether  | <0.105  | U         | 0.571 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4-Chloro-3-methylphenol     | <0.119  | U         | 0.571 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4-Chloroaniline             | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4-Chlorophenyl phenyl ether | <0.0954 | U         | 0.571 | 0.0954 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4-Nitroaniline              | <0.271  | U         | 1.14  | 0.271  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Acenaphthene                | <0.101  | U         | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Acenaphthylene              | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Aniline                     | <0.450  | U         | 1.14  | 0.450  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Anthracene                  | <0.104  | U         | 0.571 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Benzo[a]anthracene          | <0.127  | U         | 0.286 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Benzo[a]pyrene              | <0.107  | U         | 0.286 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Benzo[b]fluoranthene        | <0.124  | U         | 0.571 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Benzo[g,h,i]perylene        | <0.0903 | U         | 0.571 | 0.0903 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Benzo[k]fluoranthene        | <0.123  | U         | 0.571 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Benzyl alcohol              | <0.224  | U         | 2.86  | 0.224  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Bis(2-chloroethyl)ether     | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.571  | U **      | 1.14  | 0.571  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Butyl benzyl phthalate      | <0.336  | U         | 1.14  | 0.336  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Chrysene                    | <0.0965 | U         | 0.571 | 0.0965 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Dibenz(a,h)anthracene       | <0.0851 | U         | 0.114 | 0.0851 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Dibenzofuran                | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Diethyl phthalate           | <0.187  | U         | 1.14  | 0.187  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.14  | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Di-n-butyl phthalate        | <0.660  | U         | 1.14  | 0.660  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Di-n-octyl phthalate        | <0.286  | U **      | 1.14  | 0.286  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Fluoranthene                | <0.120  | U         | 0.571 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Fluorene                    | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Hexachlorobenzene           | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Hexachlorobutadiene         | <0.162  | U         | 0.571 | 0.162  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Hexachlorocyclopentadiene   | <0.179  | U         | 1.14  | 0.179  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Hexachloroethane            | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Isophorone                  | <0.106  | U         | 0.571 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Naphthalene                 | <0.114  | U         | 0.571 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Nitrobenzene                | <0.152  | U         | 0.571 | 0.152  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147  | U **      | 0.571 | 0.147  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: RB-04

Lab Sample ID: 860-116515-6

Date Collected: 11/13/25 09:55

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodiphenylamine         | <0.112  | U         | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Pentachlorophenol              | <0.312  | U         | 0.571 | 0.312  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Phenanthrene                   | <0.107  | U         | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Phenol                         | <0.506  | U         | 1.14  | 0.506  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Pyrene                         | <0.129  | U         | 0.571 | 0.129  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Pyridine                       | <0.837  | U         | 2.86  | 0.837  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitro-o-toluidine            | <0.651  | U         | 1.14  | 0.651  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.254  | U         | 0.571 | 0.254  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Acetophenone                   | 0.142   | J         | 1.14  | 0.138  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitrosopiperidine            | <0.631  | U         | 1.14  | 0.631  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Pentachlorobenzene             | <0.125  | U         | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Diphenyl ether                 | 13.7    |           | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,1'-Biphenyl                  | <0.113  | U         | 0.571 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4-Aminobiphenyl                | <0.195  | U         | 0.571 | 0.195  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.115  | U         | 0.571 | 0.115  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,3,5-Trinitrobenzene          | <0.653  | U         | 1.14  | 0.653  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,3-Dinitrobenzene             | <0.587  | U         | 1.14  | 0.587  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1,4-Naphthoquinone             | <0.0612 | U         | 0.571 | 0.0612 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 1-Naphthylamine                | <0.269  | U         | 0.571 | 0.269  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2,6-Dichlorophenol             | <0.0973 | U         | 0.571 | 0.0973 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Acetylaminofluorene          | <1.71   | U **      | 2.86  | 1.71   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Chlorophenol                 | <0.103  | U         | 0.571 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Naphthylamine                | <0.412  | U         | 0.571 | 0.412  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Picoline                     | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Toluidine                    | <0.424  | U         | 0.571 | 0.424  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 3,3'-Dichlorobenzidine         | <0.650  | U         | 1.14  | 0.650  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 3,3'-Dimethylbenzidine         | <0.295  | U         | 0.571 | 0.295  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 3-Methylcholanthrene           | <0.0881 | U         | 0.571 | 0.0881 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.636  | U         | 1.14  | 0.636  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.128  | U         | 0.571 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Aramite Peak 1                 | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Aramite Peak 2                 | <0.203  | U         | 0.571 | 0.203  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Aramite, Total                 | <0.184  | U         | 0.571 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Diallate                       | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Diallate Peak 1                | <0.0748 | U         | 0.571 | 0.0748 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Diallate Peak 2                | <0.0299 | U         | 0.571 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Dimethoate                     | <0.499  | U **      | 2.86  | 0.499  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Dinoseb                        | <0.676  | U **      | 2.86  | 0.676  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Disulfoton                     | <2.15   | U **      | 2.86  | 2.15   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Ethyl methanesulfonate         | <0.185  | U         | 0.571 | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Ethyl Parathion                | <0.625  | U **      | 1.14  | 0.625  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Famphur                        | <0.259  | U **      | 1.14  | 0.259  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Hexachloropropene              | <0.571  | U         | 0.571 | 0.571  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Isosafrole                     | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Isosafrole Peak 1              | <0.0231 | U         | 0.571 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Isosafrole Peak 2              | <0.0985 | U         | 0.571 | 0.0985 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Methapyrilene                  | <1.52   | U         | 2.29  | 1.52   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Methyl methanesulfonate        | <0.186  | U         | 0.571 | 0.186  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Methyl parathion               | <2.76   | U **      | 2.86  | 2.76   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: RB-04

Lab Sample ID: 860-116515-6

Date Collected: 11/13/25 09:55

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| N-Nitrosodiethylamine            | <0.673  | U         | 1.14  | 0.673  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.571 | 0.159  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724  | U         | 1.14  | 0.724  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitrosomethylethylamine        | <0.701  | U         | 1.14  | 0.701  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitrosomorpholine              | <0.713  | U         | 1.14  | 0.713  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.571 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.571 | 0.154  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Pentachloronitrobenzene          | <0.253  | U         | 0.571 | 0.253  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Phenacetin                       | <0.252  | U         | 0.571 | 0.252  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Phorate                          | <2.61   | U **      | 5.71  | 2.61   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| p-Phenylene diamine              | <5.71   | U         | 5.71  | 5.71   | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Pronamide                        | <0.134  | U         | 0.571 | 0.134  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Safrole, Total                   | <0.0920 | U         | 0.571 | 0.0920 | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Sulfotepp                        | <0.471  | U **      | 1.14  | 0.471  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Thionazin                        | <0.340  | U **      | 1.14  | 0.340  | ug/L |   | 11/17/25 15:08 | 11/25/25 06:00 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 83        |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Fluorobiphenyl            | 83        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| 2-Fluorophenol (Surr)       | 41        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Nitrobenzene-d5 (Surr)      | 102       |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| Phenol-d5 (Surr)            | 27        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 06:00 | 1       |
| p-Terphenyl-d14             | 87        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 06:00 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.45  | U *1      | 5.71 | 1.45 | ug/L |   | 11/17/25 15:08 | 11/26/25 23:07 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 102       |           | 26 - 136 | 11/17/25 15:08 | 11/26/25 23:07 | 1       |
| 2-Fluorobiphenyl            | 90        |           | 39 - 130 | 11/17/25 15:08 | 11/26/25 23:07 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/17/25 15:08 | 11/26/25 23:07 | 1       |
| Nitrobenzene-d5 (Surr)      | 113       |           | 32 - 133 | 11/17/25 15:08 | 11/26/25 23:07 | 1       |
| Phenol-d5 (Surr)            | 32        |           | 8 - 124  | 11/17/25 15:08 | 11/26/25 23:07 | 1       |
| p-Terphenyl-d14             | 86        |           | 28 - 130 | 11/17/25 15:08 | 11/26/25 23:07 | 1       |

Client Sample ID: MW-73

Lab Sample ID: 860-116515-7

Date Collected: 11/13/25 10:02

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-----|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <322   | U         | 500  | 322 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,1,1-Trichloroethane                 | <293   | U         | 2500 | 293 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,1,2,2-Tetrachloroethane             | <235   | U         | 500  | 235 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <555   | U         | 5000 | 555 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,1,2-Trichloroethane                 | <206   | U         | 500  | 206 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,1-Dichloroethane                    | <318   | U         | 500  | 318 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,1-Dichloroethene                    | <369   | U         | 500  | 369 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,2,3-Trichloropropane                | <235   | U         | 500  | 235 | ug/L |   |          | 11/20/25 02:36 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-73

Lab Sample ID: 860-116515-7

Date Collected: 11/13/25 10:02

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result       | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------------|-----------|-------|------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene           | <209         | U         | 500   | 209  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,2-Dibromo-3-Chloropropane      | <336         | U         | 2500  | 336  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,2-Dibromoethane                | <500         | U         | 2500  | 500  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,2-Dichloroethane               | <186         | U         | 500   | 186  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,2-Dichloropropane              | <278         | U         | 2500  | 278  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,3,5-Trimethylbenzene           | <206         | U         | 500   | 206  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 1,3-Butadiene                    | <284         | U         | 500   | 284  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 2,2,4-Trimethylpentane           | <250         | U         | 2500  | 250  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 2-Butanone (MEK)                 | <4140        | U         | 25000 | 4140 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 2-Hexanone (MBK)                 | <2500        | U         | 25000 | 2500 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 2-Propanol                       | <2610        | U         | 5000  | 2610 | ug/L |   |          | 11/20/25 02:36 | 500     |
| 3-Chloropropene (Allyl Chloride) | <299         | U         | 2500  | 299  | ug/L |   |          | 11/20/25 02:36 | 500     |
| 4-Methyl-2-pentanone             | <2500        | U         | 25000 | 2500 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Acetone                          | <1530        | U         | 50000 | 1530 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Acetonitrile                     | <7300        | U         | 50000 | 7300 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Acrolein                         | <5560        | U         | 25000 | 5560 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Acrylonitrile                    | <7160        | U         | 25000 | 7160 | ug/L |   |          | 11/20/25 02:36 | 500     |
| alpha-Chlorotoluene              | <1130        | U         | 2500  | 1130 | ug/L |   |          | 11/20/25 02:36 | 500     |
| <b>Benzene</b>                   | <b>53300</b> |           | 500   | 230  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Bromodichloromethane             | <276         | U         | 500   | 276  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Bromoform                        | <317         | U         | 2500  | 317  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Bromomethane                     | <710         | U         | 2500  | 710  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Carbon disulfide                 | <825         | U         | 2500  | 825  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Carbon tetrachloride             | <448         | U         | 1000  | 448  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Chlorobenzene                    | <228         | U         | 500   | 228  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Chlorodibromomethane             | <274         | U         | 2500  | 274  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Chloroethane                     | <992         | U         | 5000  | 992  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Chloroform                       | <232         | U         | 500   | 232  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Chloromethane                    | <1020        | U         | 5000  | 1020 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Chloroprene                      | <299         | U         | 2500  | 299  | ug/L |   |          | 11/20/25 02:36 | 500     |
| cis-1,2-Dichloroethene           | <229         | U         | 500   | 229  | ug/L |   |          | 11/20/25 02:36 | 500     |
| cis-1,3-Dichloropropene          | <534         | U         | 2500  | 534  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Cumene (isopropylbenzene)        | <296         | U         | 500   | 296  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Cyclohexane                      | <643         | U         | 2500  | 643  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Dibromomethane                   | <179         | U         | 500   | 179  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Dichlorodifluoromethane          | <393         | U         | 500   | 393  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Ethyl methacrylate               | <559         | U         | 2500  | 559  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Ethylbenzene                     | <193         | U         | 500   | 193  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Hexane                           | <259         | U         | 2500  | 259  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Iodomethane                      | <2500        | U         | 10000 | 2500 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Isobutanol                       | <8550        | U         | 25000 | 8550 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Methacrylonitrile                | <1360        | U         | 5000  | 1360 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Methyl methacrylate              | <1130        | U         | 5000  | 1130 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Methyl tert-butyl ether          | <696         | U         | 2500  | 696  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Methylene Chloride               | <863         | U         | 2500  | 863  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Propionitrile                    | <1670        | U         | 5000  | 1670 | ug/L |   |          | 11/20/25 02:36 | 500     |
| Propylbenzene                    | <215         | U         | 500   | 215  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Styrene                          | <310         | U         | 500   | 310  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Tetrachloroethene                | <328         | U         | 500   | 328  | ug/L |   |          | 11/20/25 02:36 | 500     |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-73

Lab Sample ID: 860-116515-7

Date Collected: 11/13/25 10:02

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result     | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-------|-------|------|---|----------|----------------|---------|
| Tetrahydrofuran             | <917       | U         | 5000  | 917   | ug/L |   |          | 11/20/25 02:36 | 500     |
| <b>Toluene</b>              | <b>624</b> |           | 500   | 238   | ug/L |   |          | 11/20/25 02:36 | 500     |
| trans-1,2-Dichloroethene    | <184       | U         | 500   | 184   | ug/L |   |          | 11/20/25 02:36 | 500     |
| trans-1,3-Dichloropropene   | <634       | U         | 2500  | 634   | ug/L |   |          | 11/20/25 02:36 | 500     |
| trans-1,4-Dichloro-2-butene | <675       | U         | 5000  | 675   | ug/L |   |          | 11/20/25 02:36 | 500     |
| Trichloroethene             | <750       | U         | 2500  | 750   | ug/L |   |          | 11/20/25 02:36 | 500     |
| Trichlorofluoromethane      | <280       | U         | 500   | 280   | ug/L |   |          | 11/20/25 02:36 | 500     |
| Vinyl acetate               | <1070      | U         | 10000 | 1070  | ug/L |   |          | 11/20/25 02:36 | 500     |
| Vinyl chloride              | <214       | U         | 1000  | 214   | ug/L |   |          | 11/20/25 02:36 | 500     |
| Xylenes, Total              | <620       | U         | 1000  | 620   | ug/L |   |          | 11/20/25 02:36 | 500     |
| m,p-Xylenes                 | <0.620     | U         | 1.00  | 0.620 | mg/L |   |          | 11/20/25 02:36 | 500     |
| o-Xylene                    | <0.251     | U         | 0.500 | 0.251 | mg/L |   |          | 11/20/25 02:36 | 500     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          | 11/20/25 02:36 | 500     |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 74 - 124 |          | 11/20/25 02:36 | 500     |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |          | 11/20/25 02:36 | 500     |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 11/20/25 02:36 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                       | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene        | <0.121       | U         | 0.575 | 0.121  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>1,2-Dichlorobenzene</b>    | <b>0.142</b> | <b>J</b>  | 0.575 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 1,3-Dichlorobenzene           | <0.108       | U         | 0.575 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 1,4-Dichlorobenzene           | <0.110       | U         | 0.575 | 0.110  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,2'-oxybis[1-chloropropane]  | <1.86        | U         | 2.87  | 1.86   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,4,5-Trichlorophenol         | <0.433       | U         | 0.575 | 0.433  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,4,6-Trichlorophenol         | <0.117       | U         | 0.575 | 0.117  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,4-Dichlorophenol            | <0.127       | U         | 0.575 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>2,4-Dimethylphenol</b>     | <b>1.56</b>  | <b>I</b>  | 0.575 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>1,4-Dioxane</b>            | <b>2.34</b>  | <b>I</b>  | 0.575 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,4-Dinitrophenol             | <1.39        | U         | 5.75  | 1.39   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,4-Dinitrotoluene            | <0.516       | U *+      | 1.15  | 0.516  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,6-Dinitrotoluene            | <0.275       | U         | 0.575 | 0.275  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Chloronaphthalene           | <0.119       | U         | 0.575 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>2-Methylnaphthalene</b>    | <b>1.06</b>  |           | 0.575 | 0.110  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>2-Methylphenol</b>         | <b>8.81</b>  |           | 0.575 | 0.110  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>2-Nitroaniline</b>         | <b>0.723</b> |           | 0.575 | 0.159  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Nitrophenol                 | <0.138       | U         | 0.575 | 0.138  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>3 &amp; 4 Methylphenol</b> | <b>15.0</b>  |           | 0.575 | 0.0950 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 3-Nitroaniline                | <0.224       | U         | 1.15  | 0.224  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4,6-Dinitro-2-methylphenol    | <1.24        | U         | 2.87  | 1.24   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4-Bromophenyl phenyl ether    | <0.106       | U         | 0.575 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4-Chloro-3-methylphenol       | <0.120       | U         | 0.575 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4-Chloroaniline               | <0.0886      | U         | 0.575 | 0.0886 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4-Chlorophenyl phenyl ether   | <0.0959      | U         | 0.575 | 0.0959 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4-Nitroaniline                | <0.272       | U         | 1.15  | 0.272  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Acenaphthene                  | <0.102       | U         | 0.575 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Acenaphthylene                | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Aniline                       | <0.453       | U         | 1.15  | 0.453  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-73

Lab Sample ID: 860-116515-7

Date Collected: 11/13/25 10:02

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Anthracene                  | <0.105       | U         | 0.575 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Benzo[a]anthracene          | <0.127       | U         | 0.287 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Benzo[a]pyrene              | <0.108       | U         | 0.287 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Benzo[b]fluoranthene        | <0.125       | U         | 0.575 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Benzo[g,h,i]perylene        | <0.0908      | U         | 0.575 | 0.0908 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Benzo[k]fluoranthene        | <0.124       | U         | 0.575 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>Benzyl alcohol</b>       | <b>9.00</b>  | <b>I</b>  | 2.87  | 0.226  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Bis(2-chloroethoxy)methane  | <0.108       | U         | 0.575 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Bis(2-chloroethyl)ether     | <0.107       | U         | 0.575 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.574       | U **      | 1.15  | 0.574  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Butyl benzyl phthalate      | <0.338       | U         | 1.15  | 0.338  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Chrysene                    | <0.0971      | U         | 0.575 | 0.0971 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Dibenz(a,h)anthracene       | <0.0856      | U         | 0.115 | 0.0856 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>Dibenzofuran</b>         | <b>3.20</b>  |           | 0.575 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Diethyl phthalate           | <0.188       | U         | 1.15  | 0.188  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Dimethyl phthalate          | <0.134       | U         | 1.15  | 0.134  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Di-n-butyl phthalate        | <0.664       | U         | 1.15  | 0.664  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Di-n-octyl phthalate        | <0.287       | U **      | 1.15  | 0.287  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Fluoranthene                | <0.121       | U         | 0.575 | 0.121  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>Fluorene</b>             | <b>0.160</b> | <b>J</b>  | 0.575 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Hexachlorobenzene           | <0.133       | U         | 0.575 | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Hexachlorobutadiene         | <0.163       | U         | 0.575 | 0.163  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Hexachlorocyclopentadiene   | <0.180       | U         | 1.15  | 0.180  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Hexachloroethane            | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.103       | U         | 0.575 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Isophorone                  | <0.106       | U         | 0.575 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>Naphthalene</b>          | <b>12.0</b>  |           | 0.575 | 0.115  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Nitrobenzene                | <0.153       | U         | 0.575 | 0.153  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosodi-n-propylamine   | <0.148       | U **      | 0.575 | 0.148  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosodiphenylamine      | <0.113       | U         | 0.575 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Pentachlorophenol           | <0.314       | U         | 0.575 | 0.314  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Phenanthrene                | <0.107       | U         | 0.575 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Pyrene                      | <0.130       | U         | 0.575 | 0.130  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Pyridine                    | <0.841       | U         | 2.87  | 0.841  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitro-o-toluidine         | <0.655       | U         | 1.15  | 0.655  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.255       | U         | 0.575 | 0.255  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| <b>Acetophenone</b>         | <b>5.00</b>  |           | 1.15  | 0.139  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosopiperidine         | <0.634       | U         | 1.15  | 0.634  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Pentachlorobenzene          | <0.126       | U         | 0.575 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4-Aminobiphenyl             | <0.196       | U         | 0.575 | 0.196  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.116       | U         | 0.575 | 0.116  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 1,3,5-Trinitrobenzene       | <0.657       | U         | 1.15  | 0.657  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 1,3-Dinitrobenzene          | <0.591       | U         | 1.15  | 0.591  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 1,4-Naphthoquinone          | <0.0616      | U         | 0.575 | 0.0616 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 1-Naphthylamine             | <0.271       | U         | 0.575 | 0.271  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2,6-Dichlorophenol          | <0.0978      | U         | 0.575 | 0.0978 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Acetylaminofluorene       | <1.72        | U **      | 2.87  | 1.72   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Chlorophenol              | <0.103       | U         | 0.575 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Naphthylamine             | <0.414       | U         | 0.575 | 0.414  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-73

Lab Sample ID: 860-116515-7

Date Collected: 11/13/25 10:02

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Picoline                       | <1.04   | U         | 1.15  | 1.04   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Toluidine                      | <0.427  | U         | 0.575 | 0.427  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 3,3'-Dichlorobenzidine           | <0.653  | U         | 1.15  | 0.653  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 3,3'-Dimethylbenzidine           | <0.297  | U         | 0.575 | 0.297  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 3-Methylcholanthrene             | <0.0886 | U         | 0.575 | 0.0886 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.640  | U         | 1.15  | 0.640  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.129  | U         | 0.575 | 0.129  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Aramite Peak 1                   | <0.185  | U         | 0.575 | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Aramite Peak 2                   | <0.204  | U         | 0.575 | 0.204  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Aramite, Total                   | <0.185  | U         | 0.575 | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Diallate                         | <0.0301 | U         | 0.575 | 0.0301 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Diallate Peak 1                  | <0.0752 | U         | 0.575 | 0.0752 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Diallate Peak 2                  | <0.0301 | U         | 0.575 | 0.0301 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Dimethoate                       | <0.502  | U **      | 2.87  | 0.502  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Dinoseb                          | <0.680  | U **      | 2.87  | 0.680  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Disulfoton                       | <2.16   | U **      | 2.87  | 2.16   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Ethyl methanesulfonate           | <0.186  | U         | 0.575 | 0.186  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Ethyl Parathion                  | <0.629  | U **      | 1.15  | 0.629  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Famphur                          | <0.260  | U **      | 1.15  | 0.260  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Hexachloropropene                | <0.575  | U         | 0.575 | 0.575  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Isosafrole                       | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Isosafrole Peak 1                | <0.0232 | U         | 0.575 | 0.0232 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Isosafrole Peak 2                | <0.0991 | U         | 0.575 | 0.0991 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Methapyrilene                    | <1.53   | U         | 2.30  | 1.53   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Methyl methanesulfonate          | <0.187  | U         | 0.575 | 0.187  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Methyl parathion                 | <2.78   | U **      | 2.87  | 2.78   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosodiethylamine            | <0.677  | U         | 1.15  | 0.677  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosodimethylamine           | <0.160  | U         | 0.575 | 0.160  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosodi-n-butylamine         | <0.728  | U         | 1.15  | 0.728  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosomethylethylamine        | <0.705  | U         | 1.15  | 0.705  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosomorpholine              | <0.717  | U         | 1.15  | 0.717  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| N-Nitrosopyrrolidine             | <0.109  | U         | 0.575 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.133  | U         | 0.575 | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| p-Dimethylamino azobenzene       | <0.155  | U         | 0.575 | 0.155  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Pentachloronitrobenzene          | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Phenacetin                       | <0.254  | U         | 0.575 | 0.254  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Phorate                          | <2.62   | U **      | 5.75  | 2.62   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| p-Phenylene diamine              | <5.75   | U         | 5.75  | 5.75   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Pronamide                        | <0.135  | U         | 0.575 | 0.135  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Safrole, Total                   | <0.0926 | U         | 0.575 | 0.0926 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Sulfotepp                        | <0.474  | U **      | 1.15  | 0.474  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Thionazin                        | <0.342  | U **      | 1.15  | 0.342  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:32 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 102       |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Fluorobiphenyl            | 73        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| 2-Fluorophenol (Surr)       | 44        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Nitrobenzene-d5 (Surr)      | 93        |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| Phenol-d5 (Surr)            | 29        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 05:32 | 1       |
| p-Terphenyl-d14             | 86        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 05:32 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-73

Lab Sample ID: 860-116515-7

Date Collected: 11/13/25 10:02

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte                     | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| Phenol                      | 88.4      |           | 57.5     | 25.5 | ug/L |   | 11/17/25 15:08 | 11/26/25 21:08 | 50      |
| Diphenyl ether              | 5990      |           | 287      | 50.8 | ug/L |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |
| 1,1'-Biphenyl               | 2360      |           | 287      | 56.9 | ug/L |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |
| Surrogate                   | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 87        |           | 26 - 136 |      |      |   | 11/17/25 15:08 | 11/26/25 21:08 | 50      |
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 |      |      |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |
| 2-Fluorobiphenyl            | 83        |           | 39 - 130 |      |      |   | 11/17/25 15:08 | 11/26/25 21:08 | 50      |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 |      |      |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 |      |      |   | 11/17/25 15:08 | 11/26/25 21:08 | 50      |
| 2-Fluorophenol (Surr)       | 0         | *3 S1-    | 19 - 120 |      |      |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |
| Nitrobenzene-d5 (Surr)      | 93        |           | 32 - 133 |      |      |   | 11/17/25 15:08 | 11/26/25 21:08 | 50      |
| Nitrobenzene-d5 (Surr)      | 120       |           | 32 - 133 |      |      |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |
| Phenol-d5 (Surr)            | 35        |           | 8 - 124  |      |      |   | 11/17/25 15:08 | 11/26/25 21:08 | 50      |
| Phenol-d5 (Surr)            | 0         | *3 S1-    | 8 - 124  |      |      |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |
| p-Terphenyl-d14             | 145       | S1+       | 28 - 130 |      |      |   | 11/17/25 15:08 | 11/26/25 21:08 | 50      |
| p-Terphenyl-d14             | 229       | S1+       | 28 - 130 |      |      |   | 11/17/25 15:08 | 12/01/25 18:02 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.46     | U *1      | 5.75     | 1.46 | ug/L |   | 11/17/25 15:08 | 11/26/25 20:37 | 1       |
| Surrogate                           | %Recovery | Qualifier | Limits   |      |      |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)         | 135       |           | 26 - 136 |      |      |   | 11/17/25 15:08 | 11/26/25 20:37 | 1       |
| 2-Fluorobiphenyl                    | 76        |           | 39 - 130 |      |      |   | 11/17/25 15:08 | 11/26/25 20:37 | 1       |
| 2-Fluorophenol (Surr)               | 47        |           | 19 - 120 |      |      |   | 11/17/25 15:08 | 11/26/25 20:37 | 1       |
| Nitrobenzene-d5 (Surr)              | 103       |           | 32 - 133 |      |      |   | 11/17/25 15:08 | 11/26/25 20:37 | 1       |
| Phenol-d5 (Surr)                    | 34        |           | 8 - 124  |      |      |   | 11/17/25 15:08 | 11/26/25 20:37 | 1       |
| p-Terphenyl-d14                     | 92        |           | 28 - 130 |      |      |   | 11/17/25 15:08 | 11/26/25 20:37 | 1       |

Client Sample ID: DUPE-04

Lab Sample ID: 860-116515-8

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <6.44  | U         | 10.0 | 6.44 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,1,1-Trichloroethane                 | <5.85  | U         | 50.0 | 5.85 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,1,2,2-Tetrachloroethane             | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <11.1  | U         | 100  | 11.1 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,1,2-Trichloroethane                 | <4.11  | U         | 10.0 | 4.11 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,1-Dichloroethane                    | <6.35  | U         | 10.0 | 6.35 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,1-Dichloroethene                    | <7.38  | U         | 10.0 | 7.38 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,2,3-Trichloropropane                | <4.70  | U         | 10.0 | 4.70 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,2,4-Trimethylbenzene                | <4.17  | U         | 10.0 | 4.17 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,2-Dibromo-3-Chloropropane           | <6.71  | U         | 50.0 | 6.71 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,2-Dibromoethane                     | <9.99  | U         | 50.0 | 9.99 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,2-Dichloroethane                    | 1400   |           | 10.0 | 3.72 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,2-Dichloropropane                   | <5.56  | U         | 50.0 | 5.56 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,3,5-Trimethylbenzene                | <4.11  | U         | 10.0 | 4.11 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 1,3-Butadiene                         | <5.68  | U         | 10.0 | 5.68 | ug/L |   |          | 11/20/25 00:54 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: DUPE-04

Lab Sample ID: 860-116515-8

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| 2,2,4-Trimethylpentane           | <5.00       | U         | 50.0 | 5.00 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 2-Butanone (MEK)                 | <82.8       | U         | 500  | 82.8 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 2-Hexanone (MBK)                 | <50.0       | U         | 500  | 50.0 | ug/L |   |          | 11/20/25 00:54 | 10      |
| <b>2-Propanol</b>                | <b>396</b>  |           | 100  | 52.3 | ug/L |   |          | 11/20/25 00:54 | 10      |
| 3-Chloropropene (Allyl Chloride) | <5.97       | U         | 50.0 | 5.97 | ug/L |   |          | 11/20/25 00:54 | 10      |
| <b>4-Methyl-2-pentanone</b>      | <b>63.6</b> | <b>J</b>  | 500  | 50.0 | ug/L |   |          | 11/20/25 00:54 | 10      |
| <b>Acetone</b>                   | <b>460</b>  | <b>J</b>  | 1000 | 30.7 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Acetonitrile                     | <146        | U         | 1000 | 146  | ug/L |   |          | 11/20/25 00:54 | 10      |
| Acrolein                         | <111        | U         | 500  | 111  | ug/L |   |          | 11/20/25 00:54 | 10      |
| Acrylonitrile                    | <143        | U         | 500  | 143  | ug/L |   |          | 11/20/25 00:54 | 10      |
| alpha-Chlorotoluene              | <22.6       | U         | 50.0 | 22.6 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Bromodichloromethane             | <5.52       | U         | 10.0 | 5.52 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Bromoform                        | <6.33       | U         | 50.0 | 6.33 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Bromomethane                     | <14.2       | U         | 50.0 | 14.2 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Carbon disulfide                 | <16.5       | U         | 50.0 | 16.5 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Carbon tetrachloride             | <8.96       | U         | 20.0 | 8.96 | ug/L |   |          | 11/20/25 00:54 | 10      |
| <b>Chlorobenzene</b>             | <b>42.7</b> |           | 10.0 | 4.55 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Chlorodibromomethane             | <5.47       | U         | 50.0 | 5.47 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Chloroethane                     | <19.8       | U         | 100  | 19.8 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Chloroform                       | <4.64       | U         | 10.0 | 4.64 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Chloromethane                    | <20.4       | U         | 100  | 20.4 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Chloroprene                      | <5.98       | U         | 50.0 | 5.98 | ug/L |   |          | 11/20/25 00:54 | 10      |
| cis-1,2-Dichloroethene           | <4.57       | U         | 10.0 | 4.57 | ug/L |   |          | 11/20/25 00:54 | 10      |
| cis-1,3-Dichloropropene          | <10.7       | U         | 50.0 | 10.7 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Cumene (isopropylbenzene)        | <5.92       | U         | 10.0 | 5.92 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Cyclohexane                      | <12.9       | U         | 50.0 | 12.9 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Dibromomethane                   | <3.57       | U         | 10.0 | 3.57 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Dichlorodifluoromethane          | <7.85       | U         | 10.0 | 7.85 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Ethyl methacrylate               | <11.2       | U         | 50.0 | 11.2 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Ethylbenzene                     | <3.85       | U         | 10.0 | 3.85 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Hexane                           | <5.17       | U         | 50.0 | 5.17 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Iodomethane                      | <50.0       | U         | 200  | 50.0 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Isobutanol                       | <171        | U         | 500  | 171  | ug/L |   |          | 11/20/25 00:54 | 10      |
| Methacrylonitrile                | <27.2       | U         | 100  | 27.2 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Methyl methacrylate              | <22.5       | U         | 100  | 22.5 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Methyl tert-butyl ether          | <13.9       | U         | 50.0 | 13.9 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Methylene Chloride               | <17.3       | U         | 50.0 | 17.3 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Propionitrile                    | <33.4       | U         | 100  | 33.4 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Propylbenzene                    | <4.29       | U         | 10.0 | 4.29 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Styrene                          | <6.19       | U         | 10.0 | 6.19 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Tetrachloroethene                | <6.55       | U         | 10.0 | 6.55 | ug/L |   |          | 11/20/25 00:54 | 10      |
| <b>Tetrahydrofuran</b>           | <b>958</b>  |           | 100  | 18.3 | ug/L |   |          | 11/20/25 00:54 | 10      |
| <b>Toluene</b>                   | <b>609</b>  |           | 10.0 | 4.75 | ug/L |   |          | 11/20/25 00:54 | 10      |
| trans-1,2-Dichloroethene         | <3.68       | U         | 10.0 | 3.68 | ug/L |   |          | 11/20/25 00:54 | 10      |
| trans-1,3-Dichloropropene        | <12.7       | U         | 50.0 | 12.7 | ug/L |   |          | 11/20/25 00:54 | 10      |
| trans-1,4-Dichloro-2-butene      | <13.5       | U         | 100  | 13.5 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Trichloroethene                  | <15.0       | U         | 50.0 | 15.0 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Trichlorofluoromethane           | <5.60       | U         | 10.0 | 5.60 | ug/L |   |          | 11/20/25 00:54 | 10      |
| Vinyl acetate                    | <21.4       | U         | 200  | 21.4 | ug/L |   |          | 11/20/25 00:54 | 10      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: DUPE-04

Lab Sample ID: 860-116515-8

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|---------|------|---|----------|----------------|---------|
| Vinyl chloride               | <4.28     | U         | 20.0     | 4.28    | ug/L |   |          | 11/20/25 00:54 | 10      |
| Xylenes, Total               | <12.4     | U         | 20.0     | 12.4    | ug/L |   |          | 11/20/25 00:54 | 10      |
| m,p-Xylenes                  | <0.0124   | U         | 0.0200   | 0.0124  | mg/L |   |          | 11/20/25 00:54 | 10      |
| o-Xylene                     | <0.00502  | U         | 0.0100   | 0.00502 | mg/L |   |          | 11/20/25 00:54 | 10      |
| Surrogate                    | %Recovery | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 63 - 144 |         |      |   |          | 11/20/25 00:54 | 10      |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 74 - 124 |         |      |   |          | 11/20/25 00:54 | 10      |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 131 |         |      |   |          | 11/20/25 00:54 | 10      |
| Toluene-d8 (Surr)            | 97        |           | 80 - 120 |         |      |   |          | 11/20/25 00:54 | 10      |

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Benzene                      | 59500     |           | 500      | 230 | ug/L |   |          | 11/20/25 10:43 | 500     |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 125       |           | 63 - 144 |     |      |   |          | 11/20/25 10:43 | 500     |
| 4-Bromofluorobenzene (Surr)  | 106       |           | 74 - 124 |     |      |   |          | 11/20/25 10:43 | 500     |
| Dibromofluoromethane (Surr)  | 100       |           | 75 - 131 |     |      |   |          | 11/20/25 10:43 | 500     |
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |     |      |   |          | 11/20/25 10:43 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.569 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,2-Dichlorobenzene          | 0.161   | J I       | 0.569 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.569 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,4,5-Trichlorophenol        | <0.429  | U         | 0.569 | 0.429  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.569 | 0.116  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.569 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.569 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,4-Dioxane                  | 2.12    | I         | 0.569 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,4-Dinitrophenol            | <1.38   | U         | 5.69  | 1.38   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,4-Dinitrotoluene           | <0.511  | U *+      | 1.14  | 0.511  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,6-Dinitrotoluene           | <0.272  | U         | 0.569 | 0.272  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Chloronaphthalene          | <0.118  | U         | 0.569 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Methylnaphthalene          | <0.109  | U         | 0.569 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Methylphenol               | 8.37    |           | 0.569 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Nitroaniline               | 0.699   |           | 0.569 | 0.157  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Nitrophenol                | <0.137  | U         | 0.569 | 0.137  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 3 & 4 Methylphenol           | 14.3    |           | 0.569 | 0.0940 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 3-Nitroaniline               | <0.222  | U         | 1.14  | 0.222  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.569 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4-Chloro-3-methylphenol      | <0.119  | U         | 0.569 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4-Chloroaniline              | <0.0877 | U         | 0.569 | 0.0877 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0950 | U         | 0.569 | 0.0950 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4-Nitroaniline               | <0.270  | U         | 1.14  | 0.270  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Acenaphthene                 | <0.101  | U         | 0.569 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: DUPE-04

Lab Sample ID: 860-116515-8

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Acenaphthylene              | <0.124       | U         | 0.569 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Aniline                     | <0.448       | U         | 1.14  | 0.448  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Anthracene                  | <0.104       | U         | 0.569 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Benzo[a]anthracene          | <0.126       | U         | 0.284 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Benzo[a]pyrene              | <0.107       | U         | 0.284 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Benzo[b]fluoranthene        | <0.124       | U         | 0.569 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Benzo[g,h,i]perylene        | <0.0899      | U         | 0.569 | 0.0899 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Benzo[k]fluoranthene        | <0.123       | U         | 0.569 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| <b>Benzyl alcohol</b>       | <b>9.21</b>  | <b>I</b>  | 2.84  | 0.223  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107       | U         | 0.569 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Bis(2-chloroethyl)ether     | <0.106       | U         | 0.569 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.569       | U **      | 1.14  | 0.569  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Butyl benzyl phthalate      | <0.335       | U         | 1.14  | 0.335  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Chrysene                    | <0.0961      | U         | 0.569 | 0.0961 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Dibenz(a,h)anthracene       | <0.0847      | U         | 0.114 | 0.0847 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| <b>Dibenzofuran</b>         | <b>3.31</b>  |           | 0.569 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Diethyl phthalate           | <0.186       | U         | 1.14  | 0.186  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Dimethyl phthalate          | <0.133       | U         | 1.14  | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Di-n-butyl phthalate        | <0.657       | U         | 1.14  | 0.657  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Di-n-octyl phthalate        | <0.284       | U **      | 1.14  | 0.284  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Fluoranthene                | <0.119       | U         | 0.569 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| <b>Fluorene</b>             | <b>0.184</b> | <b>J</b>  | 0.569 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Hexachlorobenzene           | <0.131       | U         | 0.569 | 0.131  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Hexachlorobutadiene         | <0.161       | U         | 0.569 | 0.161  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Hexachlorocyclopentadiene   | <0.178       | U         | 1.14  | 0.178  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Hexachloroethane            | <0.124       | U         | 0.569 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102       | U         | 0.569 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Isophorone                  | <0.105       | U         | 0.569 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| <b>Naphthalene</b>          | <b>12.1</b>  |           | 0.569 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Nitrobenzene                | <0.152       | U         | 0.569 | 0.152  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosodi-n-propylamine   | <0.147       | U **      | 0.569 | 0.147  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosodiphenylamine      | <0.112       | U         | 0.569 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Pentachlorophenol           | <0.311       | U         | 0.569 | 0.311  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Phenanthrene                | <0.106       | U         | 0.569 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Pyrene                      | <0.128       | U         | 0.569 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Pyridine                    | <0.833       | U         | 2.84  | 0.833  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitro-o-toluidine         | <0.649       | U         | 1.14  | 0.649  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.253       | U         | 0.569 | 0.253  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| <b>Acetophenone</b>         | <b>5.13</b>  |           | 1.14  | 0.138  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosopiperidine         | <0.628       | U         | 1.14  | 0.628  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Pentachlorobenzene          | <0.125       | U         | 0.569 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4-Aminobiphenyl             | <0.194       | U         | 0.569 | 0.194  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.115       | U         | 0.569 | 0.115  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,3,5-Trinitrobenzene       | <0.650       | U         | 1.14  | 0.650  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,3-Dinitrobenzene          | <0.585       | U         | 1.14  | 0.585  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1,4-Naphthoquinone          | <0.0609      | U         | 0.569 | 0.0609 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 1-Naphthylamine             | <0.268       | U         | 0.569 | 0.268  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2,6-Dichlorophenol          | <0.0969      | U         | 0.569 | 0.0969 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Acetylaminofluorene       | <1.70        | U **      | 2.84  | 1.70   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: DUPE-04

Lab Sample ID: 860-116515-8

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                          | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Chlorophenol                   | <0.102  | U         | 0.569 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Naphthylamine                  | <0.410  | U         | 0.569 | 0.410  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Picoline                       | <1.03   | U         | 1.14  | 1.03   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Toluidine                      | <0.422  | U         | 0.569 | 0.422  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 3,3'-Dichlorobenzidine           | <0.647  | U         | 1.14  | 0.647  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 3,3'-Dimethylbenzidine           | <0.294  | U         | 0.569 | 0.294  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 3-Methylcholanthrene             | <0.0878 | U         | 0.569 | 0.0878 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 4-Nitroquinoline-1-oxide         | <0.634  | U         | 1.14  | 0.634  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 7,12-Dimethylbenz(a)anthracene   | <0.127  | U         | 0.569 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Aramite Peak 1                   | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Aramite Peak 2                   | <0.202  | U         | 0.569 | 0.202  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Aramite, Total                   | <0.183  | U         | 0.569 | 0.183  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Diallate                         | <0.0298 | U         | 0.569 | 0.0298 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Diallate Peak 1                  | <0.0744 | U         | 0.569 | 0.0744 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Diallate Peak 2                  | <0.0298 | U         | 0.569 | 0.0298 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Dimethoate                       | <0.497  | U **      | 2.84  | 0.497  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Dinoseb                          | <0.673  | U **      | 2.84  | 0.673  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Disulfoton                       | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Ethyl methanesulfonate           | <0.184  | U         | 0.569 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Ethyl Parathion                  | <0.623  | U **      | 1.14  | 0.623  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Famphur                          | <0.258  | U **      | 1.14  | 0.258  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Hexachloropropene                | <0.569  | U         | 0.569 | 0.569  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Isosafrole                       | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Isosafrole Peak 1                | <0.0230 | U         | 0.569 | 0.0230 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Isosafrole Peak 2                | <0.0981 | U         | 0.569 | 0.0981 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Methapyrilene                    | <1.51   | U         | 2.28  | 1.51   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Methyl methanesulfonate          | <0.185  | U         | 0.569 | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Methyl parathion                 | <2.75   | U **      | 2.84  | 2.75   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosodiethylamine            | <0.670  | U         | 1.14  | 0.670  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosodimethylamine           | <0.159  | U         | 0.569 | 0.159  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosodi-n-butylamine         | <0.720  | U         | 1.14  | 0.720  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosomethylethylamine        | <0.698  | U         | 1.14  | 0.698  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosomorpholine              | <0.710  | U         | 1.14  | 0.710  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| N-Nitrosopyrrolidine             | <0.108  | U         | 0.569 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132  | U         | 0.569 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| p-Dimethylamino azobenzene       | <0.154  | U         | 0.569 | 0.154  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Pentachloronitrobenzene          | <0.252  | U         | 0.569 | 0.252  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Phenacetin                       | <0.251  | U         | 0.569 | 0.251  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Phorate                          | <2.60   | U **      | 5.69  | 2.60   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| p-Phenylene diamine              | <5.69   | U         | 5.69  | 5.69   | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Pronamide                        | <0.134  | U         | 0.569 | 0.134  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Safrole, Total                   | <0.0916 | U         | 0.569 | 0.0916 | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Sulfotepp                        | <0.469  | U **      | 1.14  | 0.469  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Thionazin                        | <0.338  | U **      | 1.14  | 0.338  | ug/L |   | 11/17/25 15:08 | 11/25/25 07:52 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 107       |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Fluorobiphenyl            | 79        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| 2-Fluorophenol (Surr)       | 40        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| Nitrobenzene-d5 (Surr)      | 93        |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 07:52 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: DUPE-04

Lab Sample ID: 860-116515-8

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr) | 25        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 07:52 | 1       |
| p-Terphenyl-d14  | 82        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 07:52 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Phenol         | 88.3   |           | 56.9 | 25.2 | ug/L |   | 11/17/25 15:08 | 11/26/25 22:07 | 50      |
| Diphenyl ether | 4740   |           | 284  | 50.3 | ug/L |   | 11/17/25 15:08 | 12/01/25 18:32 | 500     |
| 1,1'-Biphenyl  | 1860   |           | 284  | 56.4 | ug/L |   | 11/17/25 15:08 | 12/01/25 18:32 | 500     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 97        |           | 26 - 136 | 11/17/25 15:08 | 11/26/25 22:07 | 50      |
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/17/25 15:08 | 12/01/25 18:32 | 500     |
| 2-Fluorobiphenyl            | 86        |           | 39 - 130 | 11/17/25 15:08 | 11/26/25 22:07 | 50      |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/17/25 15:08 | 12/01/25 18:32 | 500     |
| 2-Fluorophenol (Surr)       | 39        |           | 19 - 120 | 11/17/25 15:08 | 11/26/25 22:07 | 50      |
| 2-Fluorophenol (Surr)       | 0         | S1-       | 19 - 120 | 11/17/25 15:08 | 12/01/25 18:32 | 500     |
| Nitrobenzene-d5 (Surr)      | 92        |           | 32 - 133 | 11/17/25 15:08 | 11/26/25 22:07 | 50      |
| Nitrobenzene-d5 (Surr)      | 47        |           | 32 - 133 | 11/17/25 15:08 | 12/01/25 18:32 | 500     |
| Phenol-d5 (Surr)            | 32        |           | 8 - 124  | 11/17/25 15:08 | 11/26/25 22:07 | 50      |
| Phenol-d5 (Surr)            | 0         | S1-       | 8 - 124  | 11/17/25 15:08 | 12/01/25 18:32 | 500     |
| p-Terphenyl-d14             | 150       | S1+       | 28 - 130 | 11/17/25 15:08 | 11/26/25 22:07 | 50      |
| p-Terphenyl-d14             | 1071      | S1+       | 28 - 130 | 11/17/25 15:08 | 12/01/25 18:32 | 500     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.44  | U *1      | 5.69 | 1.44 | ug/L |   | 11/17/25 15:08 | 11/26/25 21:38 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 135       |           | 26 - 136 | 11/17/25 15:08 | 11/26/25 21:38 | 1       |
| 2-Fluorobiphenyl            | 83        |           | 39 - 130 | 11/17/25 15:08 | 11/26/25 21:38 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 19 - 120 | 11/17/25 15:08 | 11/26/25 21:38 | 1       |
| Nitrobenzene-d5 (Surr)      | 108       |           | 32 - 133 | 11/17/25 15:08 | 11/26/25 21:38 | 1       |
| Phenol-d5 (Surr)            | 30        |           | 8 - 124  | 11/17/25 15:08 | 11/26/25 21:38 | 1       |
| p-Terphenyl-d14             | 88        |           | 28 - 130 | 11/17/25 15:08 | 11/26/25 21:38 | 1       |

Client Sample ID: MW-52-D

Lab Sample ID: 860-116515-9

Date Collected: 11/13/25 10:35

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644 | U         | 1.00 | 0.644 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,1,1,1-Trichloroethane               | <0.585 | U         | 5.00 | 0.585 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,1,1,2,2-Tetrachloroethane           | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11  | U         | 10.0 | 1.11  | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,1,2-Trichloroethane                 | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,1-Dichloroethane                    | <0.635 | U         | 1.00 | 0.635 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,1-Dichloroethene                    | <0.738 | U         | 1.00 | 0.738 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,2,3-Trichloropropane                | <0.470 | U         | 1.00 | 0.470 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417 | U         | 1.00 | 0.417 | ug/L |   |          | 11/19/25 23:11 | 1       |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-D

Lab Sample ID: 860-116515-9

Date Collected: 11/13/25 10:35

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,2-Dibromo-3-Chloropropane      | <0.671 | U         | 5.00 | 0.671 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,2-Dibromoethane                | <0.999 | U         | 5.00 | 0.999 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,2-Dichloroethane               | <0.372 | U         | 1.00 | 0.372 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,2-Dichloropropane              | <0.556 | U         | 5.00 | 0.556 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,3,5-Trimethylbenzene           | <0.411 | U         | 1.00 | 0.411 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 1,3-Butadiene                    | <0.568 | U         | 1.00 | 0.568 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 2,2,4-Trimethylpentane           | 0.599  | J         | 5.00 | 0.500 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 2-Butanone (MEK)                 | <8.28  | U         | 50.0 | 8.28  | ug/L |   |          | 11/19/25 23:11 | 1       |
| 2-Hexanone (MBK)                 | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 23:11 | 1       |
| 2-Propanol                       | 12.7   |           | 10.0 | 5.23  | ug/L |   |          | 11/19/25 23:11 | 1       |
| 3-Chloropropene (Allyl Chloride) | <0.597 | U         | 5.00 | 0.597 | ug/L |   |          | 11/19/25 23:11 | 1       |
| 4-Methyl-2-pentanone             | <5.00  | U         | 50.0 | 5.00  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Acetone                          | 6.16   | J         | 100  | 3.07  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Acetonitrile                     | <14.6  | U         | 100  | 14.6  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Acrolein                         | <11.1  | U         | 50.0 | 11.1  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Acrylonitrile                    | <14.3  | U         | 50.0 | 14.3  | ug/L |   |          | 11/19/25 23:11 | 1       |
| alpha-Chlorotoluene              | <2.26  | U         | 5.00 | 2.26  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Benzene                          | 6.72   |           | 1.00 | 0.460 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Bromodichloromethane             | <0.552 | U         | 1.00 | 0.552 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Bromoform                        | <0.633 | U         | 5.00 | 0.633 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Bromomethane                     | <1.42  | U         | 5.00 | 1.42  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Carbon disulfide                 | <1.65  | U         | 5.00 | 1.65  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Carbon tetrachloride             | <0.896 | U         | 2.00 | 0.896 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Chlorobenzene                    | <0.455 | U         | 1.00 | 0.455 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Chlorodibromomethane             | <0.547 | U         | 5.00 | 0.547 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Chloroethane                     | <1.98  | U         | 10.0 | 1.98  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Chloroform                       | <0.464 | U         | 1.00 | 0.464 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Chloromethane                    | <2.04  | U         | 10.0 | 2.04  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Chloroprene                      | <0.598 | U         | 5.00 | 0.598 | ug/L |   |          | 11/19/25 23:11 | 1       |
| cis-1,2-Dichloroethene           | <0.457 | U         | 1.00 | 0.457 | ug/L |   |          | 11/19/25 23:11 | 1       |
| cis-1,3-Dichloropropene          | <1.07  | U         | 5.00 | 1.07  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Cumene (isopropylbenzene)        | 9.54   |           | 1.00 | 0.592 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Cyclohexane                      | <1.29  | U         | 5.00 | 1.29  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Dibromomethane                   | <0.357 | U         | 1.00 | 0.357 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Dichlorodifluoromethane          | <0.785 | U         | 1.00 | 0.785 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Ethyl methacrylate               | <1.12  | U         | 5.00 | 1.12  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Ethylbenzene                     | 1.02   |           | 1.00 | 0.385 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Hexane                           | <0.517 | U         | 5.00 | 0.517 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Iodomethane                      | <5.00  | U         | 20.0 | 5.00  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Isobutanol                       | <17.1  | U         | 50.0 | 17.1  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Methacrylonitrile                | <2.72  | U         | 10.0 | 2.72  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Methyl methacrylate              | <2.25  | U         | 10.0 | 2.25  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Methyl tert-butyl ether          | <1.39  | U         | 5.00 | 1.39  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Methylene Chloride               | <1.73  | U         | 5.00 | 1.73  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Propionitrile                    | <3.34  | U         | 10.0 | 3.34  | ug/L |   |          | 11/19/25 23:11 | 1       |
| Propylbenzene                    | <0.429 | U         | 1.00 | 0.429 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Styrene                          | <0.619 | U         | 1.00 | 0.619 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Tetrachloroethene                | <0.655 | U         | 1.00 | 0.655 | ug/L |   |          | 11/19/25 23:11 | 1       |
| Tetrahydrofuran                  | <1.83  | U         | 10.0 | 1.83  | ug/L |   |          | 11/19/25 23:11 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-D

Lab Sample ID: 860-116515-9

Date Collected: 11/13/25 10:35

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                     | Result    | Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|---------|----------|------|---|----------|----------------|---------|
| Toluene                     | <0.475    | U         | 1.00    | 0.475    | ug/L |   |          | 11/19/25 23:11 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U         | 1.00    | 0.368    | ug/L |   |          | 11/19/25 23:11 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U         | 5.00    | 1.27     | ug/L |   |          | 11/19/25 23:11 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U         | 10.0    | 1.35     | ug/L |   |          | 11/19/25 23:11 | 1       |
| Trichloroethene             | <1.50     | U         | 5.00    | 1.50     | ug/L |   |          | 11/19/25 23:11 | 1       |
| Trichlorofluoromethane      | <0.560    | U         | 1.00    | 0.560    | ug/L |   |          | 11/19/25 23:11 | 1       |
| Vinyl acetate               | <2.14     | U         | 20.0    | 2.14     | ug/L |   |          | 11/19/25 23:11 | 1       |
| Vinyl chloride              | <0.428    | U         | 2.00    | 0.428    | ug/L |   |          | 11/19/25 23:11 | 1       |
| Xylenes, Total              | <1.24     | U         | 2.00    | 1.24     | ug/L |   |          | 11/19/25 23:11 | 1       |
| m,p-Xylenes                 | <0.00124  | U         | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 23:11 | 1       |
| o-Xylene                    | <0.000502 | U         | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 23:11 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 63 - 144 |          | 11/19/25 23:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |          | 11/19/25 23:11 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 75 - 131 |          | 11/19/25 23:11 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 11/19/25 23:11 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.567 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,2-Dichlorobenzene          | <0.100  | U         | 0.567 | 0.100  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.567 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.84   | U         | 2.84  | 1.84   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,4,5-Trichlorophenol        | <0.428  | U         | 0.567 | 0.428  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.567 | 0.116  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.567 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.567 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,4-Dioxane                  | 0.638   | I         | 0.567 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.67  | 1.37   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,4-Dinitrotoluene           | <0.509  | U *+      | 1.13  | 0.509  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.567 | 0.271  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.567 | 0.117  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Methylnaphthalene          | 0.145   | J         | 0.567 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Methylphenol               | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Nitroaniline               | <0.157  | U         | 0.567 | 0.157  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.567 | 0.136  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 3 & 4 Methylphenol           | <0.0937 | U         | 0.567 | 0.0937 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.13  | 0.221  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.84  | 1.22   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.567 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4-Chloroaniline              | <0.0875 | U         | 0.567 | 0.0875 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0947 | U         | 0.567 | 0.0947 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4-Nitroaniline               | <0.269  | U         | 1.13  | 0.269  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Acenaphthene                 | 1.52    |           | 0.567 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Aniline                      | <0.447  | U         | 1.13  | 0.447  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Anthracene                   | <0.103  | U         | 0.567 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-D

Lab Sample ID: 860-116515-9

Date Collected: 11/13/25 10:35

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                     | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Benzo[a]anthracene          | <0.126  | U         | 0.284 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Benzo[a]pyrene              | <0.106  | U         | 0.284 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Benzo[b]fluoranthene        | <0.123  | U         | 0.567 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Benzo[g,h,i]perylene        | <0.0897 | U         | 0.567 | 0.0897 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Benzo[k]fluoranthene        | <0.122  | U         | 0.567 | 0.122  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Benzyl alcohol              | <0.223  | U         | 2.84  | 0.223  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Bis(2-chloroethoxy)methane  | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Bis(2-chloroethyl)ether     | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Bis(2-ethylhexyl) phthalate | <0.567  | U *       | 1.13  | 0.567  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Butyl benzyl phthalate      | <0.334  | U         | 1.13  | 0.334  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Chrysene                    | <0.0958 | U         | 0.567 | 0.0958 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Dibenz(a,h)anthracene       | <0.0845 | U         | 0.113 | 0.0845 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Dibenzofuran                | 0.250   | J         | 0.567 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Diethyl phthalate           | <0.186  | U         | 1.13  | 0.186  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Dimethyl phthalate          | <0.133  | U         | 1.13  | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Di-n-butyl phthalate        | <0.656  | U         | 1.13  | 0.656  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Di-n-octyl phthalate        | <0.284  | U *       | 1.13  | 0.284  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Fluoranthene                | 0.351   | J         | 0.567 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Fluorene                    | 0.632   |           | 0.567 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Hexachlorobenzene           | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Hexachlorobutadiene         | <0.161  | U         | 0.567 | 0.161  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Hexachlorocyclopentadiene   | <0.178  | U         | 1.13  | 0.178  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Hexachloroethane            | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Indeno[1,2,3-cd]pyrene      | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Isophorone                  | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Naphthalene                 | 0.590   |           | 0.567 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Nitrobenzene                | <0.151  | U         | 0.567 | 0.151  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosodi-n-propylamine   | <0.146  | U *       | 0.567 | 0.146  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosodiphenylamine      | <0.112  | U         | 0.567 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Pentachlorophenol           | <0.310  | U         | 0.567 | 0.310  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Phenanthrene                | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Phenol                      | 5.84    |           | 1.13  | 0.503  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Pyrene                      | 0.147   | J         | 0.567 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Pyridine                    | <0.831  | U         | 2.84  | 0.831  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitro-o-toluidine         | <0.647  | U         | 1.13  | 0.647  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,3,4,6-Tetrachlorophenol   | <0.252  | U         | 0.567 | 0.252  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Acetophenone                | <0.137  | U         | 1.13  | 0.137  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosopiperidine         | <0.626  | U         | 1.13  | 0.626  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Pentachlorobenzene          | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,1'-Biphenyl               | 21.8    |           | 0.567 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4-Aminobiphenyl             | <0.193  | U         | 0.567 | 0.193  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,2,4,5-Tetrachlorobenzene  | <0.114  | U         | 0.567 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,3,5-Trinitrobenzene       | <0.648  | U         | 1.13  | 0.648  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,3-Dinitrobenzene          | <0.583  | U         | 1.13  | 0.583  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1,4-Naphthoquinone          | <0.0608 | U         | 0.567 | 0.0608 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 1-Naphthylamine             | <0.267  | U         | 0.567 | 0.267  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2,6-Dichlorophenol          | <0.0966 | U         | 0.567 | 0.0966 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Acetylaminofluorene       | <1.69   | U *       | 2.84  | 1.69   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Chlorophenol              | <0.102  | U         | 0.567 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-D

Lab Sample ID: 860-116515-9

Date Collected: 11/13/25 10:35

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 2-Naphthylamine                   | <0.409  | U         | 0.567 | 0.409  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Picoline                        | <1.02   | U         | 1.13  | 1.02   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Toluidine                       | <0.421  | U         | 0.567 | 0.421  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 3,3'-Dichlorobenzidine            | <0.645  | U         | 1.13  | 0.645  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 3,3'-Dimethylbenzidine            | <0.293  | U         | 0.567 | 0.293  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 3-Methylcholanthrene              | <0.0875 | U         | 0.567 | 0.0875 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 4-Nitroquinoline-1-oxide          | <0.632  | U         | 1.13  | 0.632  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 7,12-Dimethylbenz(a)anthracene    | <0.127  | U         | 0.567 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Aramite Peak 1                    | <0.183  | U         | 0.567 | 0.183  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Aramite Peak 2                    | <0.201  | U         | 0.567 | 0.201  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Aramite, Total                    | <0.183  | U         | 0.567 | 0.183  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Diallate                          | <0.0297 | U         | 0.567 | 0.0297 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Diallate Peak 1                   | <0.0742 | U         | 0.567 | 0.0742 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Diallate Peak 2                   | <0.0297 | U         | 0.567 | 0.0297 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Dimethoate                        | <0.495  | U **      | 2.84  | 0.495  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Dinoseb                           | <0.671  | U **      | 2.84  | 0.671  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Disulfoton                        | <2.14   | U **      | 2.84  | 2.14   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Ethyl methanesulfonate            | <0.184  | U         | 0.567 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Ethyl Parathion                   | <0.621  | U **      | 1.13  | 0.621  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Famphur                           | <0.257  | U **      | 1.13  | 0.257  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Hexachloropropene                 | <0.567  | U         | 0.567 | 0.567  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Isosafrole                        | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Isosafrole Peak 1                 | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Isosafrole Peak 2                 | <0.0978 | U         | 0.567 | 0.0978 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Methapyrilene                     | <1.51   | U         | 2.27  | 1.51   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Methyl methanesulfonate           | <0.185  | U         | 0.567 | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Methyl parathion                  | <2.74   | U **      | 2.84  | 2.74   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosodiethylamine             | <0.668  | U         | 1.13  | 0.668  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosodimethylamine            | <0.158  | U         | 0.567 | 0.158  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosodi-n-butylamine          | <0.718  | U         | 1.13  | 0.718  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosomethylethylamine         | <0.696  | U         | 1.13  | 0.696  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosomorpholine               | <0.708  | U         | 1.13  | 0.708  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| N-Nitrosopyrrolidine              | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| p-Dimethylamino azobenzene        | <0.153  | U         | 0.567 | 0.153  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Pentachloronitrobenzene           | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Phenacetin                        | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Phorate                           | <2.59   | U **      | 5.67  | 2.59   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| p-Phenylene diamine               | <5.67   | U         | 5.67  | 5.67   | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Pronamide                         | <0.133  | U         | 0.567 | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Safrole, Total                    | <0.0914 | U         | 0.567 | 0.0914 | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Sulfotepp                         | <0.468  | U **      | 1.13  | 0.468  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Thionazin                         | <0.337  | U **      | 1.13  | 0.337  | ug/L |   | 11/17/25 15:08 | 11/25/25 05:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 107       |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Fluorobiphenyl            | 77        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| 2-Fluorophenol (Surr)       | 43        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 95        |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 05:04 | 1       |
| Phenol-d5 (Surr)            | 25        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 05:04 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-52-D

Lab Sample ID: 860-116515-9

Date Collected: 11/13/25 10:35

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Surrogate       | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 | 82        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 05:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Diphenyl ether | 1350   |           | 56.7 | 10.0 | ug/L |   | 11/17/25 15:08 | 12/01/25 19:02 | 100     |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 32        |           | 26 - 136 | 11/17/25 15:08 | 12/01/25 19:02 | 100     |
| 2-Fluorobiphenyl            | 94        |           | 39 - 130 | 11/17/25 15:08 | 12/01/25 19:02 | 100     |
| 2-Fluorophenol (Surr)       | 44        | *3        | 19 - 120 | 11/17/25 15:08 | 12/01/25 19:02 | 100     |
| Nitrobenzene-d5 (Surr)      | 74        |           | 32 - 133 | 11/17/25 15:08 | 12/01/25 19:02 | 100     |
| Phenol-d5 (Surr)            | 34        | *3        | 8 - 124  | 11/17/25 15:08 | 12/01/25 19:02 | 100     |
| p-Terphenyl-d14             | 96        |           | 28 - 130 | 11/17/25 15:08 | 12/01/25 19:02 | 100     |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.44  | U *1      | 5.67 | 1.44 | ug/L |   | 11/17/25 15:08 | 11/26/25 22:37 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 129       |           | 26 - 136 | 11/17/25 15:08 | 11/26/25 22:37 | 1       |
| 2-Fluorobiphenyl            | 82        |           | 39 - 130 | 11/17/25 15:08 | 11/26/25 22:37 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 19 - 120 | 11/17/25 15:08 | 11/26/25 22:37 | 1       |
| Nitrobenzene-d5 (Surr)      | 108       |           | 32 - 133 | 11/17/25 15:08 | 11/26/25 22:37 | 1       |
| Phenol-d5 (Surr)            | 29        |           | 8 - 124  | 11/17/25 15:08 | 11/26/25 22:37 | 1       |
| p-Terphenyl-d14             | 85        |           | 28 - 130 | 11/17/25 15:08 | 11/26/25 22:37 | 1       |

Client Sample ID: MW-50

Lab Sample ID: 860-116515-10

Date Collected: 11/13/25 11:04

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <12.9  | U         | 20.0 | 12.9 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,1,1-Trichloroethane                 | <11.7  | U         | 100  | 11.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,1,2,2-Tetrachloroethane             | <9.40  | U         | 20.0 | 9.40 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <22.2  | U         | 200  | 22.2 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,1,2-Trichloroethane                 | <8.22  | U         | 20.0 | 8.22 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,1-Dichloroethane                    | <12.7  | U         | 20.0 | 12.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,1-Dichloroethene                    | <14.8  | U         | 20.0 | 14.8 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,2,3-Trichloropropane                | <9.40  | U         | 20.0 | 9.40 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,2,4-Trimethylbenzene                | <8.34  | U         | 20.0 | 8.34 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,2-Dibromo-3-Chloropropane           | <13.4  | U         | 100  | 13.4 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,2-Dibromoethane                     | <20.0  | U         | 100  | 20.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,2-Dichloroethane                    | 35.6   |           | 20.0 | 7.44 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,2-Dichloropropane                   | <11.1  | U         | 100  | 11.1 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,3,5-Trimethylbenzene                | <8.22  | U         | 20.0 | 8.22 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 1,3-Butadiene                         | <11.4  | U         | 20.0 | 11.4 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 2,2,4-Trimethylpentane                | <10.0  | U         | 100  | 10.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 2-Butanone (MEK)                      | <166   | U         | 1000 | 166  | ug/L |   |          | 11/20/25 01:14 | 20      |
| 2-Hexanone (MBK)                      | <100   | U         | 1000 | 100  | ug/L |   |          | 11/20/25 01:14 | 20      |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-50

Lab Sample ID: 860-116515-10

Date Collected: 11/13/25 11:04

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                          | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| <b>2-Propanol</b>                | <b>464</b>  |           | 200  | 105  | ug/L |   |          | 11/20/25 01:14 | 20      |
| 3-Chloropropene (Allyl Chloride) | <11.9       | U         | 100  | 11.9 | ug/L |   |          | 11/20/25 01:14 | 20      |
| 4-Methyl-2-pentanone             | <100        | U         | 1000 | 100  | ug/L |   |          | 11/20/25 01:14 | 20      |
| Acetone                          | <61.3       | U         | 2000 | 61.3 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Acetonitrile                     | <292        | U         | 2000 | 292  | ug/L |   |          | 11/20/25 01:14 | 20      |
| Acrolein                         | <222        | U         | 1000 | 222  | ug/L |   |          | 11/20/25 01:14 | 20      |
| Acrylonitrile                    | <286        | U         | 1000 | 286  | ug/L |   |          | 11/20/25 01:14 | 20      |
| alpha-Chlorotoluene              | <45.1       | U         | 100  | 45.1 | ug/L |   |          | 11/20/25 01:14 | 20      |
| <b>Benzene</b>                   | <b>1500</b> |           | 20.0 | 9.19 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Bromodichloromethane             | <11.0       | U         | 20.0 | 11.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Bromoform                        | <12.7       | U         | 100  | 12.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Bromomethane                     | <28.4       | U         | 100  | 28.4 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Carbon disulfide                 | <33.0       | U         | 100  | 33.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Carbon tetrachloride             | <17.9       | U         | 40.0 | 17.9 | ug/L |   |          | 11/20/25 01:14 | 20      |
| <b>Chlorobenzene</b>             | <b>23.6</b> |           | 20.0 | 9.10 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Chlorodibromomethane             | <10.9       | U         | 100  | 10.9 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Chloroethane                     | <39.7       | U         | 200  | 39.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Chloroform                       | <9.28       | U         | 20.0 | 9.28 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Chloromethane                    | <40.7       | U         | 200  | 40.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Chloroprene                      | <12.0       | U         | 100  | 12.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| cis-1,2-Dichloroethene           | <9.14       | U         | 20.0 | 9.14 | ug/L |   |          | 11/20/25 01:14 | 20      |
| cis-1,3-Dichloropropene          | <21.3       | U         | 100  | 21.3 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Cumene (isopropylbenzene)        | <11.8       | U         | 20.0 | 11.8 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Cyclohexane                      | <25.7       | U         | 100  | 25.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Dibromomethane                   | <7.14       | U         | 20.0 | 7.14 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Dichlorodifluoromethane          | <15.7       | U         | 20.0 | 15.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Ethyl methacrylate               | <22.4       | U         | 100  | 22.4 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Ethylbenzene                     | <7.70       | U         | 20.0 | 7.70 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Hexane                           | <10.3       | U         | 100  | 10.3 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Iodomethane                      | <100        | U         | 400  | 100  | ug/L |   |          | 11/20/25 01:14 | 20      |
| Isobutanol                       | <342        | U         | 1000 | 342  | ug/L |   |          | 11/20/25 01:14 | 20      |
| Methacrylonitrile                | <54.3       | U         | 200  | 54.3 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Methyl methacrylate              | <45.0       | U         | 200  | 45.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Methyl tert-butyl ether          | <27.8       | U         | 100  | 27.8 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Methylene Chloride               | <34.5       | U         | 100  | 34.5 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Propionitrile                    | <66.8       | U         | 200  | 66.8 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Propylbenzene                    | <8.58       | U         | 20.0 | 8.58 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Styrene                          | <12.4       | U         | 20.0 | 12.4 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Tetrachloroethene                | <13.1       | U         | 20.0 | 13.1 | ug/L |   |          | 11/20/25 01:14 | 20      |
| <b>Tetrahydrofuran</b>           | <b>1300</b> |           | 200  | 36.7 | ug/L |   |          | 11/20/25 01:14 | 20      |
| <b>Toluene</b>                   | <b>86.0</b> |           | 20.0 | 9.50 | ug/L |   |          | 11/20/25 01:14 | 20      |
| trans-1,2-Dichloroethene         | <7.36       | U         | 20.0 | 7.36 | ug/L |   |          | 11/20/25 01:14 | 20      |
| trans-1,3-Dichloropropene        | <25.3       | U         | 100  | 25.3 | ug/L |   |          | 11/20/25 01:14 | 20      |
| trans-1,4-Dichloro-2-butene      | <27.0       | U         | 200  | 27.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Trichloroethene                  | <30.0       | U         | 100  | 30.0 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Trichlorofluoromethane           | <11.2       | U         | 20.0 | 11.2 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Vinyl acetate                    | <42.8       | U         | 400  | 42.8 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Vinyl chloride                   | <8.56       | U         | 40.0 | 8.56 | ug/L |   |          | 11/20/25 01:14 | 20      |
| Xylenes, Total                   | <24.8       | U         | 40.0 | 24.8 | ug/L |   |          | 11/20/25 01:14 | 20      |

Eurofins Houston

# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-50

Lab Sample ID: 860-116515-10

Date Collected: 11/13/25 11:04

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|--------|------|---|----------|----------------|---------|
| m,p-Xylenes                  | <0.0248   | U         | 0.0400   | 0.0248 | mg/L |   |          | 11/20/25 01:14 | 20      |
| o-Xylene                     | <0.0100   | U         | 0.0200   | 0.0100 | mg/L |   |          | 11/20/25 01:14 | 20      |
| Surrogate                    | %Recovery | Qualifier | Limits   |        |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 63 - 144 |        |      |   |          | 11/20/25 01:14 | 20      |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 74 - 124 |        |      |   |          | 11/20/25 01:14 | 20      |
| Dibromofluoromethane (Surr)  | 95        |           | 75 - 131 |        |      |   |          | 11/20/25 01:14 | 20      |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |        |      |   |          | 11/20/25 01:14 | 20      |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte                      | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene       | <0.120  | U         | 0.567 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,2-Dichlorobenzene          | 0.233   | J         | 0.567 | 0.100  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,3-Dichlorobenzene          | <0.107  | U         | 0.567 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,4-Dichlorobenzene          | <0.109  | U         | 0.567 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.83   | U         | 2.83  | 1.83   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,4,5-Trichlorophenol        | <0.427  | U         | 0.567 | 0.427  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,4,6-Trichlorophenol        | <0.116  | U         | 0.567 | 0.116  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,4-Dichlorophenol           | <0.125  | U         | 0.567 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,4-Dimethylphenol           | <0.111  | U         | 0.567 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,4-Dioxane                  | 3.53    |           | 0.567 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,4-Dinitrophenol            | <1.37   | U         | 5.67  | 1.37   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,4-Dinitrotoluene           | <0.509  | U **      | 1.13  | 0.509  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,6-Dinitrotoluene           | <0.271  | U         | 0.567 | 0.271  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Chloronaphthalene          | <0.117  | U         | 0.567 | 0.117  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Methylnaphthalene          | 1.88    |           | 0.567 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Methylphenol               | 0.521   | J I       | 0.567 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Nitroaniline               | 2.20    |           | 0.567 | 0.157  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Nitrophenol                | <0.136  | U         | 0.567 | 0.136  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 3 & 4 Methylphenol           | 2.77    |           | 0.567 | 0.0936 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 3-Nitroaniline               | <0.221  | U         | 1.13  | 0.221  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.22   | U         | 2.83  | 1.22   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105  | U         | 0.567 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4-Chloro-3-methylphenol      | <0.118  | U         | 0.567 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4-Chloroaniline              | <0.0874 | U         | 0.567 | 0.0874 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0946 | U         | 0.567 | 0.0946 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4-Nitroaniline               | <0.268  | U         | 1.13  | 0.268  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Acenaphthene                 | <0.100  | U         | 0.567 | 0.100  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Acenaphthylene               | <0.124  | U         | 0.567 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Aniline                      | <0.446  | U         | 1.13  | 0.446  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Anthracene                   | <0.103  | U         | 0.567 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Benzo[a]anthracene           | <0.126  | U         | 0.283 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Benzo[a]pyrene               | <0.106  | U         | 0.283 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Benzo[b]fluoranthene         | <0.123  | U         | 0.567 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Benzo[g,h,i]perylene         | <0.0895 | U         | 0.567 | 0.0895 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Benzo[k]fluoranthene         | <0.122  | U         | 0.567 | 0.122  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Benzyl alcohol               | <0.222  | U         | 2.83  | 0.222  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Bis(2-chloroethoxy)methane   | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Bis(2-chloroethyl)ether      | <0.106  | U         | 0.567 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.566  | U **      | 1.13  | 0.566  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-50

Lab Sample ID: 860-116515-10

Date Collected: 11/13/25 11:04

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                        | Result       | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Butyl benzyl phthalate         | <0.333       | U         | 1.13  | 0.333  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Chrysene                       | <0.0957      | U         | 0.567 | 0.0957 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Dibenz(a,h)anthracene          | <0.0843      | U         | 0.113 | 0.0843 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| <b>Dibenzofuran</b>            | <b>6.64</b>  |           | 0.567 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Diethyl phthalate              | <0.185       | U         | 1.13  | 0.185  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Dimethyl phthalate             | <0.132       | U         | 1.13  | 0.132  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Di-n-butyl phthalate           | <0.655       | U         | 1.13  | 0.655  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Di-n-octyl phthalate           | <0.283       | U *       | 1.13  | 0.283  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Fluoranthene                   | <0.119       | U         | 0.567 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| <b>Fluorene</b>                | <b>0.249</b> | <b>J</b>  | 0.567 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Hexachlorobenzene              | <0.131       | U         | 0.567 | 0.131  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Hexachlorobutadiene            | <0.160       | U         | 0.567 | 0.160  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Hexachlorocyclopentadiene      | <0.178       | U         | 1.13  | 0.178  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Hexachloroethane               | <0.124       | U         | 0.567 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Indeno[1,2,3-cd]pyrene         | <0.102       | U         | 0.567 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Isophorone                     | <0.105       | U         | 0.567 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| <b>Naphthalene</b>             | <b>21.1</b>  |           | 0.567 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Nitrobenzene                   | <0.151       | U         | 0.567 | 0.151  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosodi-n-propylamine      | <0.146       | U *       | 0.567 | 0.146  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosodiphenylamine         | <0.111       | U         | 0.567 | 0.111  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Pentachlorophenol              | <0.309       | U         | 0.567 | 0.309  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| <b>Phenanthrene</b>            | <b>0.122</b> | <b>J</b>  | 0.567 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| <b>Phenol</b>                  | <b>3.01</b>  |           | 1.13  | 0.502  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Pyrene                         | <0.128       | U         | 0.567 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Pyridine                       | <0.829       | U         | 2.83  | 0.829  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitro-o-toluidine            | <0.646       | U         | 1.13  | 0.646  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,3,4,6-Tetrachlorophenol      | <0.252       | U         | 0.567 | 0.252  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| <b>Acetophenone</b>            | <b>1.05</b>  | <b>J</b>  | 1.13  | 0.137  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosopiperidine            | <0.625       | U         | 1.13  | 0.625  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Pentachlorobenzene             | <0.124       | U         | 0.567 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4-Aminobiphenyl                | <0.193       | U         | 0.567 | 0.193  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,2,4,5-Tetrachlorobenzene     | <0.114       | U         | 0.567 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,3,5-Trinitrobenzene          | <0.647       | U         | 1.13  | 0.647  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,3-Dinitrobenzene             | <0.582       | U         | 1.13  | 0.582  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1,4-Naphthoquinone             | <0.0607      | U         | 0.567 | 0.0607 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 1-Naphthylamine                | <0.267       | U         | 0.567 | 0.267  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2,6-Dichlorophenol             | <0.0965      | U         | 0.567 | 0.0965 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Acetylaminofluorene          | <1.69        | U *       | 2.83  | 1.69   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Chlorophenol                 | <0.102       | U         | 0.567 | 0.102  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Naphthylamine                | <0.408       | U         | 0.567 | 0.408  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Picoline                     | <1.02        | U         | 1.13  | 1.02   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Toluidine                    | <0.421       | U         | 0.567 | 0.421  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 3,3'-Dichlorobenzidine         | <0.644       | U         | 1.13  | 0.644  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 3,3'-Dimethylbenzidine         | <0.292       | U         | 0.567 | 0.292  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 3-Methylcholanthrene           | <0.0874      | U         | 0.567 | 0.0874 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 4-Nitroquinoline-1-oxide       | <0.631       | U         | 1.13  | 0.631  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 7,12-Dimethylbenz(a)anthracene | <0.127       | U         | 0.567 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Aramite Peak 1                 | <0.182       | U         | 0.567 | 0.182  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Aramite Peak 2                 | <0.201       | U         | 0.567 | 0.201  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-50

Lab Sample ID: 860-116515-10

Date Collected: 11/13/25 11:04

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

| Analyte                           | Result  | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|---------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Aramite, Total                    | <0.182  | U         | 0.567 | 0.182  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Diallate                          | <0.0296 | U         | 0.567 | 0.0296 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Diallate Peak 1                   | <0.0741 | U         | 0.567 | 0.0741 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Diallate Peak 2                   | <0.0296 | U         | 0.567 | 0.0296 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Dimethoate                        | <0.494  | U **      | 2.83  | 0.494  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Dinoseb                           | <0.670  | U **      | 2.83  | 0.670  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Disulfoton                        | <2.13   | U **      | 2.83  | 2.13   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Ethyl methanesulfonate            | <0.184  | U         | 0.567 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Ethyl Parathion                   | <0.620  | U **      | 1.13  | 0.620  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Famphur                           | <0.257  | U **      | 1.13  | 0.257  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Hexachloropropene                 | <0.567  | U         | 0.567 | 0.567  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Isosafrole                        | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Isosafrole Peak 1                 | <0.0229 | U         | 0.567 | 0.0229 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Isosafrole Peak 2                 | <0.0977 | U         | 0.567 | 0.0977 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Methapyriline                     | <1.51   | U         | 2.27  | 1.51   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Methyl methanesulfonate           | <0.184  | U         | 0.567 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Methyl parathion                  | <2.74   | U **      | 2.83  | 2.74   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosodiethylamine             | <0.667  | U         | 1.13  | 0.667  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosodimethylamine            | <0.158  | U         | 0.567 | 0.158  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosodi-n-butylamine          | <0.717  | U         | 1.13  | 0.717  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosomethylethylamine         | <0.695  | U         | 1.13  | 0.695  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosomorpholine               | <0.707  | U         | 1.13  | 0.707  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| N-Nitrosopyrrolidine              | <0.108  | U         | 0.567 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| o,o',o''-Triethylphosphorothioate | <0.131  | U         | 0.567 | 0.131  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| p-Dimethylamino azobenzene        | <0.153  | U         | 0.567 | 0.153  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Pentachloronitrobenzene           | <0.251  | U         | 0.567 | 0.251  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Phenacetin                        | <0.250  | U         | 0.567 | 0.250  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Phorate                           | <2.59   | U **      | 5.67  | 2.59   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| p-Phenylene diamine               | <5.67   | U         | 5.67  | 5.67   | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Pronamide                         | <0.133  | U         | 0.567 | 0.133  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Safrole, Total                    | <0.0913 | U         | 0.567 | 0.0913 | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Sulfotepp                         | <0.467  | U **      | 1.13  | 0.467  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Thionazin                         | <0.337  | U **      | 1.13  | 0.337  | ug/L |   | 11/17/25 15:08 | 11/25/25 04:36 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 102       |           | 26 - 136 | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Fluorobiphenyl            | 73        |           | 39 - 130 | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| 2-Fluorophenol (Surr)       | 44        |           | 19 - 120 | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| Phenol-d5 (Surr)            | 26        |           | 8 - 124  | 11/17/25 15:08 | 11/25/25 04:36 | 1       |
| p-Terphenyl-d14             | 85        |           | 28 - 130 | 11/17/25 15:08 | 11/25/25 04:36 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

| Analyte        | Result | Qualifier | RL  | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| Diphenyl ether | 9270   |           | 567 | 100 | ug/L |   | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |
| 1,1'-Biphenyl  | 3680   |           | 567 | 112 | ug/L |   | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 0         | S1-       | 26 - 136 | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |
| 2-Fluorobiphenyl            | 0         | S1-       | 39 - 130 | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |

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# Client Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

Client Sample ID: MW-50

Lab Sample ID: 860-116515-10

Date Collected: 11/13/25 11:04

Matrix: Water

Date Received: 11/14/25 09:34

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorophenol (Surr)  | 0         | *3 S1-    | 19 - 120 | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |
| Nitrobenzene-d5 (Surr) | 0         | S1-       | 32 - 133 | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |
| Phenol-d5 (Surr)       | 0         | *3 S1-    | 8 - 124  | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |
| p-Terphenyl-d14        | 162       | S1+       | 28 - 130 | 11/17/25 15:08 | 12/01/25 19:32 | 1000    |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

| Analyte                             | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| alpha,alpha-Dimethyl phenethylamine | <1.44  | U *1      | 5.67 | 1.44 | ug/L |   | 11/17/25 15:08 | 11/26/25 19:38 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 140       | S1+       | 26 - 136 | 11/17/25 15:08 | 11/26/25 19:38 | 1       |
| 2-Fluorobiphenyl            | 78        |           | 39 - 130 | 11/17/25 15:08 | 11/26/25 19:38 | 1       |
| 2-Fluorophenol (Surr)       | 47        |           | 19 - 120 | 11/17/25 15:08 | 11/26/25 19:38 | 1       |
| Nitrobenzene-d5 (Surr)      | 100       |           | 32 - 133 | 11/17/25 15:08 | 11/26/25 19:38 | 1       |
| Phenol-d5 (Surr)            | 32        |           | 8 - 124  | 11/17/25 15:08 | 11/26/25 19:38 | 1       |
| p-Terphenyl-d14             | 83        |           | 28 - 130 | 11/17/25 15:08 | 11/26/25 19:38 | 1       |

# Surrogate Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID                      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                                    |                        | DCA<br>(63-144)                                | BFB<br>(74-124) | DBFM<br>(75-131) | TOL<br>(80-120) |
| 860-116515-1                       | TB-10                  | 99                                             | 96              | 95               | 100             |
| 860-116515-2                       | MW-75                  | 98                                             | 98              | 94               | 102             |
| 860-116515-3                       | MW-54                  | 96                                             | 99              | 94               | 100             |
| 860-116515-4                       | FB-04                  | 100                                            | 97              | 97               | 101             |
| 860-116515-5                       | MW-52-S                | 98                                             | 94              | 96               | 98              |
| 860-116515-6                       | RB-04                  | 98                                             | 96              | 96               | 98              |
| 860-116515-7                       | MW-73                  | 98                                             | 94              | 96               | 101             |
| 860-116515-8                       | DUPE-04                | 105                                            | 88              | 96               | 97              |
| 860-116515-8 - DL                  | DUPE-04                | 125                                            | 106             | 100              | 105             |
| 860-116515-9                       | MW-52-D                | 98                                             | 96              | 94               | 99              |
| 860-116515-10                      | MW-50                  | 97                                             | 96              | 95               | 99              |
| 860-116574-C-13 MS                 | Matrix Spike           | 110                                            | 101             | 91               | 103             |
| LCS 860-276788/1013                | Lab Control Sample     | 102                                            | 102             | 101              | 102             |
| LCS 860-276979/3                   | Lab Control Sample     | 114                                            | 99              | 93               | 102             |
| LCSD 860-276788/14                 | Lab Control Sample Dup | 104                                            | 105             | 102              | 102             |
| LCSD 860-276979/4                  | Lab Control Sample Dup | 114                                            | 101             | 95               | 101             |
| MB 860-276788/19                   | Method Blank           | 100                                            | 95              | 100              | 103             |
| MB 860-276979/7                    | Method Blank           | 120                                            | 105             | 95               | 106             |
| <b>Surrogate Legend</b>            |                        |                                                |                 |                  |                 |
| DCA = 1,2-Dichloroethane-d4 (Surr) |                        |                                                |                 |                  |                 |
| BFB = 4-Bromofluorobenzene (Surr)  |                        |                                                |                 |                  |                 |
| DBFM = Dibromofluoromethane (Surr) |                        |                                                |                 |                  |                 |
| TOL = Toluene-d8 (Surr)            |                        |                                                |                 |                  |                 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|-------------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                   |                  | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116515-2      | MW-75            | 95                                             | 81              | 47              | 97              | 26             | 85                 |
| 860-116515-2 - RA | MW-75            | 128                                            | 86              | 51              | 115             | 33             | 88                 |
| 860-116515-3      | MW-54            | 97                                             | 78              | 51              | 101             | 31             | 77                 |
| 860-116515-3 - RA | MW-54            | 117                                            | 89              | 56              | 111             | 39             | 78                 |
| 860-116515-5      | MW-52-S          | 95                                             | 78              | 48              | 90              | 31             | 82                 |
| 860-116515-5 - RA | MW-52-S          | 128                                            | 82              | 51              | 99              | 39             | 80                 |
| 860-116515-5 - DL | MW-52-S          | 0 S1-                                          | 77              | 44              | 71              | 61             | 77                 |
| 860-116515-6      | RB-04            | 83                                             | 83              | 41              | 102             | 27             | 87                 |
| 860-116515-6 - RA | RB-04            | 102                                            | 90              | 42              | 113             | 32             | 86                 |
| 860-116515-7      | MW-73            | 102                                            | 73              | 44              | 93              | 29             | 86                 |
| 860-116515-7 - DL | MW-73            | 87                                             | 83              | 40              | 93              | 35             | 145 S1+            |
| 860-116515-7 - RA | MW-73            | 135                                            | 76              | 47              | 103             | 34             | 92                 |
| 860-116515-7 - DL | MW-73            | 0 S1-                                          | 0 S1-           | 0 *3 S1-        | 120             | 0 *3 S1-       | 229 S1+            |
| 860-116515-8      | DUPE-04          | 107                                            | 79              | 40              | 93              | 25             | 82                 |
| 860-116515-8 - RA | DUPE-04          | 135                                            | 83              | 42              | 108             | 30             | 88                 |
| 860-116515-8 - DL | DUPE-04          | 97                                             | 86              | 39              | 92              | 32             | 150 S1+            |
| 860-116515-8 - DL | DUPE-04          | 0 S1-                                          | 0 S1-           | 0 S1-           | 47              | 0 S1-          | 1071 S1+           |
| 860-116515-9      | MW-52-D          | 107                                            | 77              | 43              | 95              | 25             | 82                 |
| 860-116515-9 - RA | MW-52-D          | 129                                            | 82              | 45              | 108             | 29             | 85                 |

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# Surrogate Summary

Client: Arcadis US Inc.

Job ID: 860-116515-1

Project/Site: Hercules Hattiesburg, MS

**Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)**

**Matrix: Water**

**Prep Type: Total/NA**

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                |                    |
|---------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|----------------|--------------------|
|                     |                        | TBP<br>(26-136)                                | FBP<br>(39-130) | 2FP<br>(19-120) | NBZ<br>(32-133) | PHL<br>(8-124) | TPHd14<br>(28-130) |
| 860-116515-9 - DL   | MW-52-D                | 32                                             | 94              | 44 *3           | 74              | 34 *3          | 96                 |
| 860-116515-10       | MW-50                  | 102                                            | 73              | 44              | 89              | 26             | 85                 |
| 860-116515-10 - RA  | MW-50                  | 140 S1+                                        | 78              | 47              | 100             | 32             | 83                 |
| 860-116515-10 - DL  | MW-50                  | 0 S1-                                          | 0 S1-           | 0 *3 S1-        | 0 S1-           | 0 *3 S1-       | 162 S1+            |
| LCS 860-276379/2-A  | Lab Control Sample     | 86                                             | 83              | 80              | 91              | 81             | 83                 |
| LCS 860-276379/2-A  | Lab Control Sample     | 111                                            | 78              | 94              | 88              | 103            | 84                 |
| LCS 860-276379/4-A  | Lab Control Sample     | 104                                            | 98              | 91              | 98              | 79             | 93                 |
| LCSD 860-276379/3-A | Lab Control Sample Dup | 92                                             | 86              | 82              | 95              | 85             | 84                 |
| LCSD 860-276379/3-A | Lab Control Sample Dup | 112                                            | 81              | 95              | 89              | 108            | 86                 |
| LCSD 860-276379/5-A | Lab Control Sample Dup | 91                                             | 87              | 81              | 82              | 67             | 78                 |
| MB 860-276379/1-A   | Method Blank           | 78                                             | 77              | 81              | 83              | 80             | 81                 |
| MB 860-276379/1-A   | Method Blank           | 108                                            | 75              | 96              | 91              | 102            | 78                 |

## Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14



# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-276788/19

Matrix: Water

Analysis Batch: 276788

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/19/25 20:28 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/19/25 20:28 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/19/25 20:28 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/19/25 20:28 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/19/25 20:28 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/19/25 20:28 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/19/25 20:28 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/19/25 20:28 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/19/25 20:28 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/19/25 20:28 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276788/19

Matrix: Water

Analysis Batch: 276788

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/19/25 20:28 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/19/25 20:28 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/19/25 20:28 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/19/25 20:28 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/19/25 20:28 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/19/25 20:28 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/19/25 20:28 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/19/25 20:28 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/19/25 20:28 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/19/25 20:28 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/19/25 20:28 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/19/25 20:28 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100          |              | 63 - 144 |          | 11/19/25 20:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95           |              | 74 - 124 |          | 11/19/25 20:28 | 1       |
| Dibromofluoromethane (Surr)  | 100          |              | 75 - 131 |          | 11/19/25 20:28 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |          | 11/19/25 20:28 | 1       |

Lab Sample ID: LCS 860-276788/1013

Matrix: Water

Analysis Batch: 276788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 43.66      |               | ug/L |   | 87   | 70 - 130    |
| 1,1,1-Trichloroethane                 | 50.0        | 45.90      |               | ug/L |   | 92   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 41.64      |               | ug/L |   | 83   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 42.61      |               | ug/L |   | 85   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 43.81      |               | ug/L |   | 88   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 47.72      |               | ug/L |   | 95   | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 44.33      |               | ug/L |   | 89   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 44.37      |               | ug/L |   | 89   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 43.65      |               | ug/L |   | 87   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 39.59      |               | ug/L |   | 79   | 59 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 45.06      |               | ug/L |   | 90   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 45.04      |               | ug/L |   | 90   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 45.06      |               | ug/L |   | 90   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 43.40      |               | ug/L |   | 87   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 46.95      |               | ug/L |   | 94   | 60 - 150    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276788/1013

Matrix: Water

Analysis Batch: 276788

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2,2,4-Trimethylpentane           | 50.0        | 42.29      |               | ug/L |   | 85   | 70 - 130    |
| 2-Butanone (MEK)                 | 250         | 252.8      |               | ug/L |   | 101  | 67 - 140    |
| 2-Hexanone (MBK)                 | 250         | 241.7      |               | ug/L |   | 97   | 60 - 140    |
| 2-Propanol                       | 500         | 461.6      |               | ug/L |   | 92   | 50 - 150    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 43.95      |               | ug/L |   | 88   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 235.0      |               | ug/L |   | 94   | 60 - 140    |
| Acetone                          | 250         | 226.0      |               | ug/L |   | 90   | 60 - 140    |
| Acetonitrile                     | 500         | 467.0      |               | ug/L |   | 93   | 60 - 140    |
| Acrolein                         | 250         | 224.9      |               | ug/L |   | 90   | 60 - 140    |
| Acrylonitrile                    | 500         | 479.5      |               | ug/L |   | 96   | 60 - 140    |
| alpha-Chlorotoluene              | 50.0        | 43.39      |               | ug/L |   | 87   | 70 - 130    |
| Benzene                          | 50.0        | 44.68      |               | ug/L |   | 89   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 45.21      |               | ug/L |   | 90   | 65 - 135    |
| Bromoform                        | 50.0        | 41.28      |               | ug/L |   | 83   | 70 - 130    |
| Bromomethane                     | 50.0        | 44.55      |               | ug/L |   | 89   | 49 - 140    |
| Carbon disulfide                 | 50.0        | 43.47      |               | ug/L |   | 87   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 44.82      |               | ug/L |   | 90   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 43.29      |               | ug/L |   | 87   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 44.69      |               | ug/L |   | 89   | 70 - 130    |
| Chloroethane                     | 50.0        | 48.71      |               | ug/L |   | 97   | 60 - 140    |
| Chloroform                       | 50.0        | 45.92      |               | ug/L |   | 92   | 70 - 130    |
| Chloromethane                    | 50.0        | 46.63      |               | ug/L |   | 93   | 60 - 140    |
| Chloroprene                      | 50.0        | 47.03      |               | ug/L |   | 94   | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 48.45      |               | ug/L |   | 97   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 46.10      |               | ug/L |   | 92   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 45.20      |               | ug/L |   | 90   | 70 - 130    |
| Cyclohexane                      | 50.0        | 44.33      |               | ug/L |   | 89   | 65 - 130    |
| Dibromomethane                   | 50.0        | 45.71      |               | ug/L |   | 91   | 69 - 130    |
| Dichlorodifluoromethane          | 50.0        | 43.97      |               | ug/L |   | 88   | 50 - 150    |
| Ethyl methacrylate               | 50.0        | 46.61      |               | ug/L |   | 93   | 70 - 130    |
| Ethylbenzene                     | 50.0        | 45.02      |               | ug/L |   | 90   | 70 - 130    |
| Hexane                           | 50.0        | 45.09      |               | ug/L |   | 90   | 65 - 140    |
| Iodomethane                      | 50.0        | 43.29      |               | ug/L |   | 87   | 50 - 150    |
| Isobutanol                       | 1240        | 1078       |               | ug/L |   | 87   | 60 - 140    |
| Methacrylonitrile                | 500         | 472.8      |               | ug/L |   | 95   | 70 - 130    |
| Methyl methacrylate              | 100         | 92.55      |               | ug/L |   | 93   | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 47.17      |               | ug/L |   | 94   | 70 - 135    |
| Methylene Chloride               | 50.0        | 41.67      |               | ug/L |   | 83   | 71 - 125    |
| Propionitrile                    | 500         | 488.1      |               | ug/L |   | 98   | 70 - 130    |
| Propylbenzene                    | 50.0        | 43.55      |               | ug/L |   | 87   | 70 - 130    |
| Styrene                          | 50.0        | 45.12      |               | ug/L |   | 90   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 43.08      |               | ug/L |   | 86   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 89.04      |               | ug/L |   | 89   | 63 - 130    |
| Toluene                          | 50.0        | 43.95      |               | ug/L |   | 88   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 46.48      |               | ug/L |   | 93   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 46.05      |               | ug/L |   | 92   | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 46.48      |               | ug/L |   | 93   | 70 - 130    |
| Trichloroethene                  | 50.0        | 45.95      |               | ug/L |   | 92   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 46.27      |               | ug/L |   | 93   | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276788/1013

Matrix: Water

Analysis Batch: 276788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl acetate  | 250         | 190.2      |               | ug/L |   | 76   | 50 - 150    |
| Vinyl chloride | 50.0        | 47.58      |               | ug/L |   | 95   | 60 - 140    |
| Xylenes, Total | 100         | 90.76      |               | ug/L |   | 91   | 70 - 130    |
| m,p-Xylenes    | 0.0500      | 0.04560    |               | mg/L |   | 91   | 70 - 130    |
| o-Xylene       | 0.0500      | 0.04516    |               | mg/L |   | 90   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 102           |               | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 102           |               | 74 - 124 |
| Dibromofluoromethane (Surr)  | 101           |               | 75 - 131 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 120 |

Lab Sample ID: LCSD 860-276788/14

Matrix: Water

Analysis Batch: 276788

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                               | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane             | 50.0        | 49.71       |                | ug/L |   | 99   | 70 - 130    | 13  | 25        |
| 1,1,1-Trichloroethane                 | 50.0        | 52.09       |                | ug/L |   | 104  | 70 - 130    | 13  | 25        |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 49.66       |                | ug/L |   | 99   | 70 - 130    | 18  | 25        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 48.65       |                | ug/L |   | 97   | 60 - 140    | 13  | 25        |
| 1,1,2-Trichloroethane                 | 50.0        | 50.08       |                | ug/L |   | 100  | 70 - 130    | 13  | 25        |
| 1,1-Dichloroethane                    | 50.0        | 52.38       |                | ug/L |   | 105  | 70 - 130    | 9   | 25        |
| 1,1-Dichloroethene                    | 50.0        | 50.17       |                | ug/L |   | 100  | 67 - 130    | 12  | 25        |
| 1,2,3-Trichloropropane                | 50.0        | 44.28       |                | ug/L |   | 89   | 70 - 130    | 0   | 25        |
| 1,2,4-Trimethylbenzene                | 50.0        | 52.51       |                | ug/L |   | 105  | 70 - 130    | 18  | 25        |
| 1,2-Dibromo-3-Chloropropane           | 50.0        | 48.06       |                | ug/L |   | 96   | 59 - 130    | 19  | 25        |
| 1,2-Dibromoethane                     | 50.0        | 51.99       |                | ug/L |   | 104  | 70 - 130    | 14  | 25        |
| 1,2-Dichloroethane                    | 50.0        | 49.67       |                | ug/L |   | 99   | 70 - 130    | 10  | 25        |
| 1,2-Dichloropropane                   | 50.0        | 50.80       |                | ug/L |   | 102  | 70 - 130    | 12  | 25        |
| 1,3,5-Trimethylbenzene                | 50.0        | 51.49       |                | ug/L |   | 103  | 70 - 130    | 17  | 25        |
| 1,3-Butadiene                         | 50.0        | 52.44       |                | ug/L |   | 105  | 60 - 150    | 11  | 25        |
| 2,2,4-Trimethylpentane                | 50.0        | 48.94       |                | ug/L |   | 98   | 70 - 130    | 15  | 25        |
| 2-Butanone (MEK)                      | 250         | 269.5       |                | ug/L |   | 108  | 67 - 140    | 6   | 25        |
| 2-Hexanone (MBK)                      | 250         | 271.8       |                | ug/L |   | 109  | 60 - 140    | 12  | 25        |
| 2-Propanol                            | 500         | 513.8       |                | ug/L |   | 103  | 50 - 150    | 11  | 25        |
| 3-Chloropropene (Allyl Chloride)      | 50.0        | 52.51       |                | ug/L |   | 105  | 60 - 130    | 18  | 25        |
| 4-Methyl-2-pentanone                  | 250         | 261.7       |                | ug/L |   | 105  | 60 - 140    | 11  | 25        |
| Acetone                               | 250         | 261.0       |                | ug/L |   | 104  | 60 - 140    | 14  | 25        |
| Acetonitrile                          | 500         | 500.5       |                | ug/L |   | 100  | 60 - 140    | 7   | 25        |
| Acrolein                              | 250         | 257.8       |                | ug/L |   | 103  | 60 - 140    | 14  | 25        |
| Acrylonitrile                         | 500         | 503.1       |                | ug/L |   | 101  | 60 - 140    | 5   | 25        |
| alpha-Chlorotoluene                   | 50.0        | 49.45       |                | ug/L |   | 99   | 70 - 130    | 13  | 25        |
| Benzene                               | 50.0        | 50.26       |                | ug/L |   | 101  | 70 - 130    | 12  | 25        |
| Bromodichloromethane                  | 50.0        | 50.69       |                | ug/L |   | 101  | 65 - 135    | 11  | 25        |
| Bromoform                             | 50.0        | 48.68       |                | ug/L |   | 97   | 70 - 130    | 16  | 25        |
| Bromomethane                          | 50.0        | 47.94       |                | ug/L |   | 96   | 49 - 140    | 7   | 25        |
| Carbon disulfide                      | 50.0        | 49.41       |                | ug/L |   | 99   | 60 - 130    | 13  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276788/14

Matrix: Water

Analysis Batch: 276788

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Carbon tetrachloride        | 50.0        | 50.16       |                | ug/L |   | 100  | 70 - 130    | 11  | 25        |
| Chlorobenzene               | 50.0        | 49.80       |                | ug/L |   | 100  | 65 - 135    | 14  | 25        |
| Chlorodibromomethane        | 50.0        | 50.54       |                | ug/L |   | 101  | 70 - 130    | 12  | 25        |
| Chloroethane                | 50.0        | 53.74       |                | ug/L |   | 107  | 60 - 140    | 10  | 25        |
| Chloroform                  | 50.0        | 51.33       |                | ug/L |   | 103  | 70 - 130    | 11  | 25        |
| Chloromethane               | 50.0        | 53.08       |                | ug/L |   | 106  | 60 - 140    | 13  | 25        |
| Chloroprene                 | 50.0        | 52.60       |                | ug/L |   | 105  | 70 - 130    | 11  | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 52.04       |                | ug/L |   | 104  | 70 - 130    | 7   | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 52.52       |                | ug/L |   | 105  | 70 - 130    | 13  | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 51.70       |                | ug/L |   | 103  | 70 - 130    | 13  | 25        |
| Cyclohexane                 | 50.0        | 47.47       |                | ug/L |   | 95   | 65 - 130    | 7   | 25        |
| Dibromomethane              | 50.0        | 51.75       |                | ug/L |   | 104  | 69 - 130    | 12  | 25        |
| Dichlorodifluoromethane     | 50.0        | 50.54       |                | ug/L |   | 101  | 50 - 150    | 14  | 25        |
| Ethyl methacrylate          | 50.0        | 53.42       |                | ug/L |   | 107  | 70 - 130    | 14  | 25        |
| Ethylbenzene                | 50.0        | 51.92       |                | ug/L |   | 104  | 70 - 130    | 14  | 25        |
| Hexane                      | 50.0        | 48.13       |                | ug/L |   | 96   | 65 - 140    | 7   | 25        |
| Iodomethane                 | 50.0        | 50.40       |                | ug/L |   | 101  | 50 - 150    | 15  | 25        |
| Isobutanol                  | 1240        | 1231        |                | ug/L |   | 99   | 60 - 140    | 13  | 25        |
| Methacrylonitrile           | 500         | 520.1       |                | ug/L |   | 104  | 70 - 130    | 10  | 25        |
| Methyl methacrylate         | 100         | 103.5       |                | ug/L |   | 104  | 70 - 130    | 11  | 25        |
| Methyl tert-butyl ether     | 50.0        | 49.77       |                | ug/L |   | 100  | 70 - 135    | 5   | 25        |
| Methylene Chloride          | 50.0        | 46.87       |                | ug/L |   | 94   | 71 - 125    | 12  | 25        |
| Propionitrile               | 500         | 524.1       |                | ug/L |   | 105  | 70 - 130    | 7   | 25        |
| Propylbenzene               | 50.0        | 51.98       |                | ug/L |   | 104  | 70 - 130    | 18  | 25        |
| Styrene                     | 50.0        | 52.49       |                | ug/L |   | 105  | 70 - 130    | 15  | 25        |
| Tetrachloroethene           | 50.0        | 49.31       |                | ug/L |   | 99   | 70 - 130    | 14  | 25        |
| Tetrahydrofuran             | 100         | 97.46       |                | ug/L |   | 97   | 63 - 130    | 9   | 25        |
| Toluene                     | 50.0        | 51.01       |                | ug/L |   | 102  | 70 - 130    | 15  | 25        |
| trans-1,2-Dichloroethene    | 50.0        | 48.76       |                | ug/L |   | 98   | 70 - 130    | 5   | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 52.45       |                | ug/L |   | 105  | 70 - 130    | 13  | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 55.48       |                | ug/L |   | 111  | 70 - 130    | 18  | 25        |
| Trichloroethene             | 50.0        | 51.73       |                | ug/L |   | 103  | 70 - 135    | 12  | 25        |
| Trichlorofluoromethane      | 50.0        | 51.18       |                | ug/L |   | 102  | 60 - 140    | 10  | 25        |
| Vinyl acetate               | 250         | 203.8       |                | ug/L |   | 82   | 50 - 150    | 7   | 25        |
| Vinyl chloride              | 50.0        | 53.91       |                | ug/L |   | 108  | 60 - 140    | 12  | 25        |
| Xylenes, Total              | 100         | 104.4       |                | ug/L |   | 104  | 70 - 130    | 14  | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05231     |                | mg/L |   | 105  | 70 - 130    | 14  | 25        |
| o-Xylene                    | 0.0500      | 0.05208     |                | mg/L |   | 104  | 70 - 130    | 14  | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 104            |                | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 105            |                | 74 - 124 |
| Dibromofluoromethane (Surr)  | 102            |                | 75 - 131 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276979/7

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                               | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | <0.644    | U            | 1.00 | 0.644 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,1,1-Trichloroethane                 | <0.585    | U            | 5.00 | 0.585 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,1,2,2-Tetrachloroethane             | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11     | U            | 10.0 | 1.11  | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,1,2-Trichloroethane                 | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,1-Dichloroethane                    | <0.635    | U            | 1.00 | 0.635 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,1-Dichloroethene                    | <0.738    | U            | 1.00 | 0.738 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,2,3-Trichloropropane                | <0.470    | U            | 1.00 | 0.470 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,2,4-Trimethylbenzene                | <0.417    | U            | 1.00 | 0.417 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,2-Dibromo-3-Chloropropane           | <0.671    | U            | 5.00 | 0.671 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,2-Dibromoethane                     | <0.999    | U            | 5.00 | 0.999 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,2-Dichloroethane                    | <0.372    | U            | 1.00 | 0.372 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,2-Dichloropropane                   | <0.556    | U            | 5.00 | 0.556 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,3,5-Trimethylbenzene                | <0.411    | U            | 1.00 | 0.411 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 1,3-Butadiene                         | <0.568    | U            | 1.00 | 0.568 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 2,2,4-Trimethylpentane                | <0.500    | U            | 5.00 | 0.500 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 2-Butanone (MEK)                      | <8.28     | U            | 50.0 | 8.28  | ug/L |   |          | 11/20/25 02:32 | 1       |
| 2-Hexanone (MBK)                      | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/20/25 02:32 | 1       |
| 2-Propanol                            | <5.23     | U            | 10.0 | 5.23  | ug/L |   |          | 11/20/25 02:32 | 1       |
| 3-Chloropropene (Allyl Chloride)      | <0.597    | U            | 5.00 | 0.597 | ug/L |   |          | 11/20/25 02:32 | 1       |
| 4-Methyl-2-pentanone                  | <5.00     | U            | 50.0 | 5.00  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Acetone                               | <3.07     | U            | 100  | 3.07  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Acetonitrile                          | <14.6     | U            | 100  | 14.6  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Acrolein                              | <11.1     | U            | 50.0 | 11.1  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Acrylonitrile                         | <14.3     | U            | 50.0 | 14.3  | ug/L |   |          | 11/20/25 02:32 | 1       |
| alpha-Chlorotoluene                   | <2.26     | U            | 5.00 | 2.26  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Benzene                               | <0.460    | U            | 1.00 | 0.460 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Bromodichloromethane                  | <0.552    | U            | 1.00 | 0.552 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Bromoform                             | <0.633    | U            | 5.00 | 0.633 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Bromomethane                          | <1.42     | U            | 5.00 | 1.42  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Carbon disulfide                      | <1.65     | U            | 5.00 | 1.65  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Carbon tetrachloride                  | <0.896    | U            | 2.00 | 0.896 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Chlorobenzene                         | <0.455    | U            | 1.00 | 0.455 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Chlorodibromomethane                  | <0.547    | U            | 5.00 | 0.547 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Chloroethane                          | <1.98     | U            | 10.0 | 1.98  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Chloroform                            | <0.464    | U            | 1.00 | 0.464 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Chloromethane                         | <2.04     | U            | 10.0 | 2.04  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Chloroprene                           | <0.598    | U            | 5.00 | 0.598 | ug/L |   |          | 11/20/25 02:32 | 1       |
| cis-1,2-Dichloroethene                | <0.457    | U            | 1.00 | 0.457 | ug/L |   |          | 11/20/25 02:32 | 1       |
| cis-1,3-Dichloropropene               | <1.07     | U            | 5.00 | 1.07  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Cumene (isopropylbenzene)             | <0.592    | U            | 1.00 | 0.592 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Cyclohexane                           | <1.29     | U            | 5.00 | 1.29  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Dibromomethane                        | <0.357    | U            | 1.00 | 0.357 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Dichlorodifluoromethane               | <0.785    | U            | 1.00 | 0.785 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Ethyl methacrylate                    | <1.12     | U            | 5.00 | 1.12  | ug/L |   |          | 11/20/25 02:32 | 1       |
| Ethylbenzene                          | <0.385    | U            | 1.00 | 0.385 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Hexane                                | <0.517    | U            | 5.00 | 0.517 | ug/L |   |          | 11/20/25 02:32 | 1       |
| Iodomethane                           | <5.00     | U            | 20.0 | 5.00  | ug/L |   |          | 11/20/25 02:32 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-276979/7

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Isobutanol                  | <17.1     | U            | 50.0    | 17.1     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Methacrylonitrile           | <2.72     | U            | 10.0    | 2.72     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Methyl methacrylate         | <2.25     | U            | 10.0    | 2.25     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Methyl tert-butyl ether     | <1.39     | U            | 5.00    | 1.39     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Methylene Chloride          | <1.73     | U            | 5.00    | 1.73     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Propionitrile               | <3.34     | U            | 10.0    | 3.34     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Propylbenzene               | <0.429    | U            | 1.00    | 0.429    | ug/L |   |          | 11/20/25 02:32 | 1       |
| Styrene                     | <0.619    | U            | 1.00    | 0.619    | ug/L |   |          | 11/20/25 02:32 | 1       |
| Tetrachloroethene           | <0.655    | U            | 1.00    | 0.655    | ug/L |   |          | 11/20/25 02:32 | 1       |
| Tetrahydrofuran             | <1.83     | U            | 10.0    | 1.83     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Toluene                     | <0.475    | U            | 1.00    | 0.475    | ug/L |   |          | 11/20/25 02:32 | 1       |
| trans-1,2-Dichloroethene    | <0.368    | U            | 1.00    | 0.368    | ug/L |   |          | 11/20/25 02:32 | 1       |
| trans-1,3-Dichloropropene   | <1.27     | U            | 5.00    | 1.27     | ug/L |   |          | 11/20/25 02:32 | 1       |
| trans-1,4-Dichloro-2-butene | <1.35     | U            | 10.0    | 1.35     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Trichloroethene             | <1.50     | U            | 5.00    | 1.50     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Trichlorofluoromethane      | <0.560    | U            | 1.00    | 0.560    | ug/L |   |          | 11/20/25 02:32 | 1       |
| Vinyl acetate               | <2.14     | U            | 20.0    | 2.14     | ug/L |   |          | 11/20/25 02:32 | 1       |
| Vinyl chloride              | <0.428    | U            | 2.00    | 0.428    | ug/L |   |          | 11/20/25 02:32 | 1       |
| Xylenes, Total              | <1.24     | U            | 2.00    | 1.24     | ug/L |   |          | 11/20/25 02:32 | 1       |
| m,p-Xylenes                 | <0.00124  | U            | 0.00200 | 0.00124  | mg/L |   |          | 11/20/25 02:32 | 1       |
| o-Xylene                    | <0.000502 | U            | 0.00100 | 0.000502 | mg/L |   |          | 11/20/25 02:32 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 120          |              | 63 - 144 |          | 11/20/25 02:32 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105          |              | 74 - 124 |          | 11/20/25 02:32 | 1       |
| Dibromofluoromethane (Surr)  | 95           |              | 75 - 131 |          | 11/20/25 02:32 | 1       |
| Toluene-d8 (Surr)            | 106          |              | 80 - 120 |          | 11/20/25 02:32 | 1       |

Lab Sample ID: LCS 860-276979/3

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1-Trichloroethane                 | 50.0        | 41.12      |               | ug/L |   | 82   | 70 - 130    |
| 1,1,2,2-Tetrachloroethane             | 50.0        | 37.48      |               | ug/L |   | 75   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 50.0        | 32.38      |               | ug/L |   | 65   | 60 - 140    |
| 1,1,2-Trichloroethane                 | 50.0        | 48.47      |               | ug/L |   | 97   | 70 - 130    |
| 1,1-Dichloroethane                    | 50.0        | 42.78      |               | ug/L |   | 86   | 70 - 130    |
| 1,1-Dichloroethene                    | 50.0        | 38.79      |               | ug/L |   | 78   | 67 - 130    |
| 1,2,3-Trichloropropane                | 50.0        | 45.05      |               | ug/L |   | 90   | 70 - 130    |
| 1,2,4-Trimethylbenzene                | 50.0        | 40.90      |               | ug/L |   | 82   | 70 - 130    |
| 1,2-Dibromoethane                     | 50.0        | 49.26      |               | ug/L |   | 99   | 70 - 130    |
| 1,2-Dichloroethane                    | 50.0        | 48.31      |               | ug/L |   | 97   | 70 - 130    |
| 1,2-Dichloropropane                   | 50.0        | 46.87      |               | ug/L |   | 94   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | 50.0        | 44.55      |               | ug/L |   | 89   | 70 - 130    |
| 1,3-Butadiene                         | 50.0        | 48.04      |               | ug/L |   | 96   | 60 - 150    |
| 2,2,4-Trimethylpentane                | 50.0        | 39.15      |               | ug/L |   | 78   | 70 - 130    |
| 2-Butanone (MEK)                      | 250         | 320.9      |               | ug/L |   | 128  | 67 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276979/3

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Hexanone (MBK)                 | 250         | 295.7      |               | ug/L |   | 118  | 60 - 140    |
| 3-Chloropropene (Allyl Chloride) | 50.0        | 44.67      |               | ug/L |   | 89   | 60 - 130    |
| 4-Methyl-2-pentanone             | 250         | 285.8      |               | ug/L |   | 114  | 60 - 140    |
| Acetonitrile                     | 500         | 482.0      |               | ug/L |   | 96   | 60 - 140    |
| Acrolein                         | 250         | 335.8      |               | ug/L |   | 134  | 60 - 140    |
| Acrylonitrile                    | 500         | 540.3      |               | ug/L |   | 108  | 60 - 140    |
| Benzene                          | 50.0        | 41.58      |               | ug/L |   | 83   | 70 - 130    |
| Bromodichloromethane             | 50.0        | 44.02      |               | ug/L |   | 88   | 65 - 135    |
| Bromomethane                     | 50.0        | 47.54      |               | ug/L |   | 95   | 49 - 140    |
| Carbon disulfide                 | 50.0        | 37.70      |               | ug/L |   | 75   | 60 - 130    |
| Carbon tetrachloride             | 50.0        | 35.38      |               | ug/L |   | 71   | 70 - 130    |
| Chlorobenzene                    | 50.0        | 40.69      |               | ug/L |   | 81   | 65 - 135    |
| Chlorodibromomethane             | 50.0        | 37.98      |               | ug/L |   | 76   | 70 - 130    |
| Chloroethane                     | 50.0        | 57.57      |               | ug/L |   | 115  | 60 - 140    |
| Chloroform                       | 50.0        | 42.68      |               | ug/L |   | 85   | 70 - 130    |
| Chloromethane                    | 50.0        | 54.97      |               | ug/L |   | 110  | 60 - 140    |
| Chloroprene                      | 50.0        | 51.57      |               | ug/L |   | 103  | 70 - 130    |
| cis-1,2-Dichloroethene           | 50.0        | 48.36      |               | ug/L |   | 97   | 70 - 130    |
| cis-1,3-Dichloropropene          | 50.0        | 43.61      |               | ug/L |   | 87   | 70 - 130    |
| Cumene (isopropylbenzene)        | 50.0        | 41.14      |               | ug/L |   | 82   | 70 - 130    |
| Cyclohexane                      | 50.0        | 35.80      |               | ug/L |   | 72   | 65 - 130    |
| Dibromomethane                   | 50.0        | 50.34      |               | ug/L |   | 101  | 69 - 130    |
| Ethylbenzene                     | 50.0        | 44.01      |               | ug/L |   | 88   | 70 - 130    |
| Hexane                           | 50.0        | 37.18      |               | ug/L |   | 74   | 65 - 140    |
| Isobutanol                       | 1240        | 1282       |               | ug/L |   | 103  | 60 - 140    |
| Methacrylonitrile                | 500         | 563.6      |               | ug/L |   | 113  | 70 - 130    |
| Methyl methacrylate              | 100         | 101.6      |               | ug/L |   | 102  | 70 - 130    |
| Methyl tert-butyl ether          | 50.0        | 46.41      |               | ug/L |   | 93   | 70 - 135    |
| Methylene Chloride               | 50.0        | 42.68      |               | ug/L |   | 85   | 71 - 125    |
| Propionitrile                    | 500         | 534.6      |               | ug/L |   | 107  | 70 - 130    |
| Propylbenzene                    | 50.0        | 42.39      |               | ug/L |   | 85   | 70 - 130    |
| Styrene                          | 50.0        | 42.53      |               | ug/L |   | 85   | 70 - 130    |
| Tetrachloroethene                | 50.0        | 38.31      |               | ug/L |   | 77   | 70 - 130    |
| Tetrahydrofuran                  | 100         | 120.0      |               | ug/L |   | 120  | 63 - 130    |
| Toluene                          | 50.0        | 41.18      |               | ug/L |   | 82   | 70 - 130    |
| trans-1,2-Dichloroethene         | 50.0        | 40.55      |               | ug/L |   | 81   | 70 - 130    |
| trans-1,3-Dichloropropene        | 50.0        | 53.21      |               | ug/L |   | 106  | 70 - 130    |
| trans-1,4-Dichloro-2-butene      | 50.0        | 41.76      |               | ug/L |   | 84   | 70 - 130    |
| Trichloroethene                  | 50.0        | 40.52      |               | ug/L |   | 81   | 70 - 135    |
| Trichlorofluoromethane           | 50.0        | 31.56      |               | ug/L |   | 63   | 60 - 140    |
| Vinyl acetate                    | 250         | 227.4      |               | ug/L |   | 91   | 50 - 150    |
| Vinyl chloride                   | 50.0        | 39.77      |               | ug/L |   | 80   | 60 - 140    |
| Xylenes, Total                   | 100         | 91.84      |               | ug/L |   | 92   | 70 - 130    |
| m,p-Xylenes                      | 0.0500      | 0.04544    |               | mg/L |   | 91   | 70 - 130    |
| o-Xylene                         | 0.0500      | 0.04640    |               | mg/L |   | 93   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 114           |               | 63 - 144 |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-276979/3

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 99        |           | 74 - 124 |
| Dibromofluoromethane (Surr) | 93        |           | 75 - 131 |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |

Lab Sample ID: LCSD 860-276979/4

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,2,2-Tetrachloroethane   | 50.0        | 42.28       |                | ug/L |   | 85   | 70 - 130    | 12  | 25        |
| 1,1,2-Trichloroethane       | 50.0        | 55.60       |                | ug/L |   | 111  | 70 - 130    | 14  | 25        |
| 1,1-Dichloroethane          | 50.0        | 54.73       |                | ug/L |   | 109  | 70 - 130    | 25  | 25        |
| 1,2,3-Trichloropropane      | 50.0        | 52.23       |                | ug/L |   | 104  | 70 - 130    | 15  | 25        |
| 1,2,4-Trimethylbenzene      | 50.0        | 49.33       |                | ug/L |   | 99   | 70 - 130    | 19  | 25        |
| 1,2-Dibromoethane           | 50.0        | 56.58       |                | ug/L |   | 113  | 70 - 130    | 14  | 25        |
| 1,2-Dichloroethane          | 50.0        | 55.64       |                | ug/L |   | 111  | 70 - 130    | 14  | 25        |
| 1,2-Dichloropropane         | 50.0        | 58.23       |                | ug/L |   | 116  | 70 - 130    | 22  | 25        |
| 1,3,5-Trimethylbenzene      | 50.0        | 54.00       |                | ug/L |   | 108  | 70 - 130    | 19  | 25        |
| 2-Hexanone (MBK)            | 250         | 334.2       |                | ug/L |   | 134  | 60 - 140    | 12  | 25        |
| 4-Methyl-2-pentanone        | 250         | 325.8       |                | ug/L |   | 130  | 60 - 140    | 13  | 25        |
| Acetonitrile                | 500         | 387.5       |                | ug/L |   | 78   | 60 - 140    | 22  | 25        |
| Acrylonitrile               | 500         | 620.6       |                | ug/L |   | 124  | 60 - 140    | 14  | 25        |
| Benzene                     | 50.0        | 52.23       |                | ug/L |   | 104  | 70 - 130    | 23  | 25        |
| Bromodichloromethane        | 50.0        | 51.94       |                | ug/L |   | 104  | 65 - 135    | 16  | 25        |
| Bromoform                   | 50.0        | 38.64       |                | ug/L |   | 77   | 70 - 130    | 13  | 25        |
| Chlorobenzene               | 50.0        | 49.31       |                | ug/L |   | 99   | 65 - 135    | 19  | 25        |
| Chlorodibromomethane        | 50.0        | 44.15       |                | ug/L |   | 88   | 70 - 130    | 15  | 25        |
| Chloroform                  | 50.0        | 53.00       |                | ug/L |   | 106  | 70 - 130    | 22  | 25        |
| cis-1,2-Dichloroethene      | 50.0        | 60.59       |                | ug/L |   | 121  | 70 - 130    | 22  | 25        |
| cis-1,3-Dichloropropene     | 50.0        | 53.12       |                | ug/L |   | 106  | 70 - 130    | 20  | 25        |
| Cumene (isopropylbenzene)   | 50.0        | 51.79       |                | ug/L |   | 104  | 70 - 130    | 23  | 25        |
| Dibromomethane              | 50.0        | 58.30       |                | ug/L |   | 117  | 69 - 130    | 15  | 25        |
| Ethylbenzene                | 50.0        | 54.58       |                | ug/L |   | 109  | 70 - 130    | 21  | 25        |
| Isobutanol                  | 1240        | 1435        |                | ug/L |   | 116  | 60 - 140    | 11  | 25        |
| Methacrylonitrile           | 500         | 651.4       |                | ug/L |   | 130  | 70 - 130    | 14  | 25        |
| Methyl methacrylate         | 100         | 121.1       |                | ug/L |   | 121  | 70 - 130    | 18  | 25        |
| Methyl tert-butyl ether     | 50.0        | 55.61       |                | ug/L |   | 111  | 70 - 135    | 18  | 25        |
| Methylene Chloride          | 50.0        | 53.53       |                | ug/L |   | 107  | 71 - 125    | 23  | 25        |
| Propionitrile               | 500         | 619.7       |                | ug/L |   | 124  | 70 - 130    | 15  | 25        |
| Propylbenzene               | 50.0        | 52.72       |                | ug/L |   | 105  | 70 - 130    | 22  | 25        |
| Styrene                     | 50.0        | 52.18       |                | ug/L |   | 104  | 70 - 130    | 20  | 25        |
| Tetrachloroethene           | 50.0        | 49.08       |                | ug/L |   | 98   | 70 - 130    | 25  | 25        |
| Toluene                     | 50.0        | 51.51       |                | ug/L |   | 103  | 70 - 130    | 22  | 25        |
| trans-1,3-Dichloropropene   | 50.0        | 62.41       |                | ug/L |   | 125  | 70 - 130    | 16  | 25        |
| trans-1,4-Dichloro-2-butene | 50.0        | 48.12       |                | ug/L |   | 96   | 70 - 130    | 14  | 25        |
| Vinyl acetate               | 250         | 234.8       |                | ug/L |   | 94   | 50 - 150    | 3   | 25        |
| Xylenes, Total              | 100         | 114.4       |                | ug/L |   | 114  | 70 - 130    | 22  | 25        |
| m,p-Xylenes                 | 0.0500      | 0.05675     |                | mg/L |   | 114  | 70 - 130    | 22  | 25        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-276979/4

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| o-Xylene | 0.0500      | 0.05761     |                | mg/L |   | 115  | 70 - 130    | 22  | 25        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------------|----------------|----------------|-------------|
| 1,2-Dichloroethane-d4 (Surr) | 114            |                | 63 - 144    |
| 4-Bromofluorobenzene (Surr)  | 101            |                | 74 - 124    |
| Dibromofluoromethane (Surr)  | 95             |                | 75 - 131    |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120    |

Lab Sample ID: 860-116574-C-13 MS

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                               | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane             | <0.644        | U *- F1          | 50.0        | <0.644    | U F1         | ug/L |   | 0    | 70 - 130    |
| 1,1,1,1-Trichloroethane               | <0.585        | U *1             | 50.0        | 40.82     |              | ug/L |   | 82   | 70 - 130    |
| 1,1,1,2,2-Tetrachloroethane           | <0.470        | U                | 50.0        | 43.50     |              | ug/L |   | 87   | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.11         | U *1             | 50.0        | 33.14     |              | ug/L |   | 66   | 60 - 140    |
| 1,1,2-Trichloroethane                 | <0.411        | U                | 50.0        | 50.11     |              | ug/L |   | 100  | 70 - 130    |
| 1,1-Dichloroethane                    | <0.635        | U                | 50.0        | 42.24     |              | ug/L |   | 84   | 70 - 130    |
| 1,1-Dichloroethene                    | <0.738        | U *1             | 50.0        | 35.05     |              | ug/L |   | 70   | 67 - 130    |
| 1,2,3-Trichloropropane                | <0.470        | U                | 50.0        | 50.03     |              | ug/L |   | 100  | 70 - 130    |
| 1,2,4-Trimethylbenzene                | <0.417        | U                | 50.0        | 42.83     |              | ug/L |   | 86   | 70 - 130    |
| 1,2-Dibromo-3-Chloropropane           | <0.671        | U *- F1          | 50.0        | <0.671    | U F1         | ug/L |   | 0    | 59 - 130    |
| 1,2-Dibromoethane                     | <0.999        | U                | 50.0        | 51.26     |              | ug/L |   | 103  | 70 - 130    |
| 1,2-Dichloroethane                    | <0.372        | U                | 50.0        | 48.41     |              | ug/L |   | 97   | 70 - 130    |
| 1,2-Dichloropropane                   | <0.556        | U                | 50.0        | 47.14     |              | ug/L |   | 94   | 70 - 130    |
| 1,3,5-Trimethylbenzene                | <0.411        | U                | 50.0        | 46.90     |              | ug/L |   | 94   | 70 - 130    |
| 1,3-Butadiene                         | <0.568        | U *1 F1          | 50.0        | 16.70     | F1           | ug/L |   | 33   | 60 - 150    |
| 2,2,4-Trimethylpentane                | <0.500        | U *1             | 50.0        | 46.97     |              | ug/L |   | 94   | 70 - 130    |
| 2-Butanone (MEK)                      | <8.28         | U *+             | 250         | 295.7     |              | ug/L |   | 118  | 67 - 140    |
| 2-Hexanone (MBK)                      | <5.00         | U                | 250         | 313.0     |              | ug/L |   | 125  | 60 - 140    |
| 2-Propanol                            | <5.23         | U *- F1          | 500         | <5.23     | U F1         | ug/L |   | 0    | 50 - 150    |
| 3-Chloropropene (Allyl Chloride)      | <0.597        | U *1             | 50.0        | 43.69     |              | ug/L |   | 87   | 60 - 130    |
| 4-Methyl-2-pentanone                  | <5.00         | U                | 250         | 298.7     |              | ug/L |   | 119  | 60 - 140    |
| Acetone                               | <3.07         | U *+             | 250         | 260.4     |              | ug/L |   | 104  | 60 - 140    |
| Acetonitrile                          | <14.6         | U                | 500         | 474.1     |              | ug/L |   | 95   | 60 - 140    |
| Acrolein                              | <11.1         | U *+ F1          | 250         | 98.03     | F1           | ug/L |   | 39   | 60 - 140    |
| Acrylonitrile                         | <14.3         | U                | 500         | 534.9     |              | ug/L |   | 107  | 60 - 140    |
| alpha-Chlorotoluene                   | <2.26         | U *- F1          | 50.0        | 29.79     | F1           | ug/L |   | 60   | 70 - 130    |
| Benzene                               | <0.460        | U                | 50.0        | 41.45     |              | ug/L |   | 83   | 70 - 130    |
| Bromodichloromethane                  | <0.552        | U                | 50.0        | 43.83     |              | ug/L |   | 88   | 65 - 135    |
| Bromoform                             | <0.633        | U *-             | 50.0        | 35.16     |              | ug/L |   | 70   | 70 - 130    |
| Bromomethane                          | <1.42         | U *1             | 50.0        | 41.98     |              | ug/L |   | 84   | 49 - 140    |
| Carbon disulfide                      | <1.65         | U *1             | 50.0        | 32.10     |              | ug/L |   | 64   | 60 - 130    |
| Carbon tetrachloride                  | <0.896        | U *1             | 50.0        | 36.25     |              | ug/L |   | 73   | 70 - 130    |
| Chlorobenzene                         | <0.455        | U                | 50.0        | 41.62     |              | ug/L |   | 83   | 65 - 135    |
| Chlorodibromomethane                  | <0.547        | U                | 50.0        | 39.64     |              | ug/L |   | 79   | 70 - 130    |
| Chloroethane                          | <1.98         | U *+ *1          | 50.0        | 55.71     |              | ug/L |   | 111  | 60 - 140    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-116574-C-13 MS

Matrix: Water

Analysis Batch: 276979

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Chloroform                  | <0.464        | U                | 50.0        | 42.69     |              | ug/L |   | 85   | 70 - 130    |
| Chloromethane               | <2.04         | U *+ *1          | 50.0        | 42.49     |              | ug/L |   | 85   | 60 - 140    |
| Chloroprene                 | <0.598        | U *+ *1          | 50.0        | 38.52     |              | ug/L |   | 77   | 70 - 130    |
| cis-1,2-Dichloroethene      | <0.457        | U                | 50.0        | 46.86     |              | ug/L |   | 94   | 70 - 130    |
| cis-1,3-Dichloropropene     | <1.07         | U                | 50.0        | 44.12     |              | ug/L |   | 88   | 70 - 130    |
| Cumene (isopropylbenzene)   | <0.592        | U                | 50.0        | 42.11     |              | ug/L |   | 84   | 70 - 130    |
| Cyclohexane                 | <1.29         | U *1             | 50.0        | 38.36     |              | ug/L |   | 77   | 65 - 130    |
| Dibromomethane              | <0.357        | U                | 50.0        | 50.47     |              | ug/L |   | 101  | 69 - 130    |
| Dichlorodifluoromethane     | <0.785        | U *1 *- F1       | 50.0        | 15.56     | F1           | ug/L |   | 31   | 50 - 150    |
| Ethyl methacrylate          | <1.12         | U *+ F1          | 50.0        | 68.79     | F1           | ug/L |   | 138  | 70 - 130    |
| Ethylbenzene                | <0.385        | U                | 50.0        | 44.84     |              | ug/L |   | 90   | 70 - 130    |
| Hexane                      | <0.517        | U *1             | 50.0        | 39.70     |              | ug/L |   | 79   | 65 - 140    |
| Iodomethane                 | <5.00         | U *- F1          | 50.0        | <5.00     | U F1         | ug/L |   | 0    | 50 - 150    |
| Isobutanol                  | <17.1         | U                | 1240        | 1346      |              | ug/L |   | 109  | 60 - 140    |
| Methacrylonitrile           | <2.72         | U                | 500         | 566.6     |              | ug/L |   | 113  | 70 - 130    |
| Methyl methacrylate         | <2.25         | U                | 100         | 106.9     |              | ug/L |   | 107  | 70 - 130    |
| Methyl tert-butyl ether     | 9.97          |                  | 50.0        | 56.74     |              | ug/L |   | 94   | 70 - 135    |
| Methylene Chloride          | <1.73         | U                | 50.0        | 39.92     |              | ug/L |   | 80   | 71 - 125    |
| Propionitrile               | <3.34         | U                | 500         | 542.1     |              | ug/L |   | 108  | 70 - 130    |
| Propylbenzene               | <0.429        | U                | 50.0        | 45.04     |              | ug/L |   | 90   | 70 - 130    |
| Styrene                     | <0.619        | U F1             | 50.0        | 6.916     | F1           | ug/L |   | 14   | 70 - 130    |
| Tetrachloroethene           | <0.655        | U                | 50.0        | 39.73     |              | ug/L |   | 79   | 70 - 130    |
| Tetrahydrofuran             | <1.83         | U *+             | 100         | 117.3     |              | ug/L |   | 117  | 63 - 130    |
| Toluene                     | <0.475        | U                | 50.0        | 41.87     |              | ug/L |   | 84   | 70 - 130    |
| trans-1,2-Dichloroethene    | <0.368        | U *1             | 50.0        | 38.52     |              | ug/L |   | 77   | 70 - 130    |
| trans-1,3-Dichloropropene   | <1.27         | U                | 50.0        | 54.37     |              | ug/L |   | 109  | 70 - 130    |
| trans-1,4-Dichloro-2-butene | <1.35         | U                | 50.0        | 50.34     |              | ug/L |   | 101  | 70 - 130    |
| Trichloroethene             | <1.50         | U *1             | 50.0        | 37.58     |              | ug/L |   | 75   | 70 - 135    |
| Trichlorofluoromethane      | <0.560        | U *1             | 50.0        | 34.64     |              | ug/L |   | 69   | 60 - 140    |
| Vinyl acetate               | <2.14         | U                | 250         | 160.9     |              | ug/L |   | 64   | 50 - 150    |
| Vinyl chloride              | <0.428        | U *1             | 50.0        | 33.65     |              | ug/L |   | 67   | 60 - 140    |
| Xylenes, Total              | <1.24         | U                | 100         | 93.19     |              | ug/L |   | 93   | 70 - 130    |
| m,p-Xylenes                 | <0.00124      | U                | 0.0500      | 0.04672   |              | mg/L |   | 93   | 70 - 130    |
| o-Xylene                    | <0.000502     | U                | 0.0500      | 0.04647   |              | mg/L |   | 93   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 110          |              | 63 - 144 |
| 4-Bromofluorobenzene (Surr)  | 101          |              | 74 - 124 |
| Dibromofluoromethane (Surr)  | 91           |              | 75 - 131 |
| Toluene-d8 (Surr)            | 103          |              | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-276379/1-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | <0.121    | U            | 0.571 | 0.121 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276379/1-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                      | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 1,2-Dichlorobenzene          | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,3-Dichlorobenzene          | <0.108    | U            | 0.571 | 0.108  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,4-Dichlorobenzene          | <0.110    | U            | 0.571 | 0.110  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,2'-oxybis[1-chloropropane] | <1.85     | U            | 2.86  | 1.85   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,4,5-Trichlorophenol        | <0.431    | U            | 0.571 | 0.431  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,4,6-Trichlorophenol        | <0.117    | U            | 0.571 | 0.117  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,4-Dichlorophenol           | <0.126    | U            | 0.571 | 0.126  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,4-Dimethylphenol           | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,4-Dioxane                  | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,4-Dinitrophenol            | <1.38     | U            | 5.71  | 1.38   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,4-Dinitrotoluene           | <0.513    | U            | 1.14  | 0.513  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,6-Dinitrotoluene           | <0.273    | U            | 0.571 | 0.273  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Chloronaphthalene          | <0.118    | U            | 0.571 | 0.118  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Methylnaphthalene          | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Methylphenol               | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Nitroaniline               | <0.158    | U            | 0.571 | 0.158  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Nitrophenol                | <0.137    | U            | 0.571 | 0.137  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 3 & 4 Methylphenol           | <0.0944   | U            | 0.571 | 0.0944 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 3-Nitroaniline               | <0.223    | U            | 1.14  | 0.223  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4,6-Dinitro-2-methylphenol   | <1.23     | U            | 2.86  | 1.23   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4-Bromophenyl phenyl ether   | <0.105    | U            | 0.571 | 0.105  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4-Chloro-3-methylphenol      | <0.119    | U            | 0.571 | 0.119  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4-Chloroaniline              | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4-Chlorophenyl phenyl ether  | <0.0954   | U            | 0.571 | 0.0954 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4-Nitroaniline               | <0.271    | U            | 1.14  | 0.271  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Acenaphthene                 | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Acenaphthylene               | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Aniline                      | <0.450    | U            | 1.14  | 0.450  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Anthracene                   | <0.104    | U            | 0.571 | 0.104  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Benzo[a]anthracene           | <0.127    | U            | 0.286 | 0.127  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Benzo[a]pyrene               | <0.107    | U            | 0.286 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Benzo[b]fluoranthene         | <0.124    | U            | 0.571 | 0.124  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Benzo[g,h,i]perylene         | <0.0903   | U            | 0.571 | 0.0903 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Benzo[k]fluoranthene         | <0.123    | U            | 0.571 | 0.123  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Benzyl alcohol               | <0.224    | U            | 2.86  | 0.224  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Bis(2-chloroethoxy)methane   | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Bis(2-chloroethyl)ether      | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Bis(2-ethylhexyl) phthalate  | <0.571    | U            | 1.14  | 0.571  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Butyl benzyl phthalate       | <0.336    | U            | 1.14  | 0.336  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Chrysene                     | <0.0965   | U            | 0.571 | 0.0965 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Dibenz(a,h)anthracene        | <0.0851   | U            | 0.114 | 0.0851 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Dibenzofuran                 | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Diethyl phthalate            | <0.187    | U            | 1.14  | 0.187  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Dimethyl phthalate           | <0.133    | U            | 1.14  | 0.133  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Di-n-butyl phthalate         | <0.660    | U            | 1.14  | 0.660  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Di-n-octyl phthalate         | <0.286    | U            | 1.14  | 0.286  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Fluoranthene                 | <0.120    | U            | 0.571 | 0.120  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Fluorene                     | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Hexachlorobenzene            | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276379/1-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                             | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Hexachlorobutadiene                 | <0.162    | U            | 0.571 | 0.162  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Hexachlorocyclopentadiene           | <0.179    | U            | 1.14  | 0.179  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Hexachloroethane                    | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Indeno[1,2,3-cd]pyrene              | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Isophorone                          | <0.106    | U            | 0.571 | 0.106  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Naphthalene                         | <0.114    | U            | 0.571 | 0.114  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Nitrobenzene                        | <0.152    | U            | 0.571 | 0.152  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosodi-n-propylamine           | <0.147    | U            | 0.571 | 0.147  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosodiphenylamine              | <0.112    | U            | 0.571 | 0.112  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Pentachlorophenol                   | <0.312    | U            | 0.571 | 0.312  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Phenanthrene                        | <0.107    | U            | 0.571 | 0.107  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Phenol                              | <0.506    | U            | 1.14  | 0.506  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Pyrene                              | <0.129    | U            | 0.571 | 0.129  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Pyridine                            | <0.837    | U            | 2.86  | 0.837  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitro-o-toluidine                 | <0.651    | U            | 1.14  | 0.651  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,3,4,6-Tetrachlorophenol           | <0.254    | U            | 0.571 | 0.254  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Acetophenone                        | <0.138    | U            | 1.14  | 0.138  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosopiperidine                 | <0.631    | U            | 1.14  | 0.631  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Pentachlorobenzene                  | <0.125    | U            | 0.571 | 0.125  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Diphenyl ether                      | <0.101    | U            | 0.571 | 0.101  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,1'-Biphenyl                       | <0.113    | U            | 0.571 | 0.113  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4-Aminobiphenyl                     | <0.195    | U            | 0.571 | 0.195  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,2,4,5-Tetrachlorobenzene          | <0.115    | U            | 0.571 | 0.115  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,3,5-Trinitrobenzene               | <0.653    | U            | 1.14  | 0.653  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,3-Dinitrobenzene                  | <0.587    | U            | 1.14  | 0.587  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1,4-Naphthoquinone                  | <0.0612   | U            | 0.571 | 0.0612 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 1-Naphthylamine                     | <0.269    | U            | 0.571 | 0.269  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2,6-Dichlorophenol                  | <0.0973   | U            | 0.571 | 0.0973 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Acetylaminofluorene               | <1.71     | U            | 2.86  | 1.71   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Chlorophenol                      | <0.103    | U            | 0.571 | 0.103  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Naphthylamine                     | <0.412    | U            | 0.571 | 0.412  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Picoline                          | <1.03     | U            | 1.14  | 1.03   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Toluidine                         | <0.424    | U            | 0.571 | 0.424  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 3,3'-Dichlorobenzidine              | <0.650    | U            | 1.14  | 0.650  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 3,3'-Dimethylbenzidine              | <0.295    | U            | 0.571 | 0.295  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 3-Methylcholanthrene                | <0.0881   | U            | 0.571 | 0.0881 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 4-Nitroquinoline-1-oxide            | <0.636    | U            | 1.14  | 0.636  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 7,12-Dimethylbenz(a)anthracene      | <0.128    | U            | 0.571 | 0.128  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| alpha,alpha-Dimethyl phenethylamine | <1.45     | U            | 5.71  | 1.45   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Aramite Peak 1                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Aramite Peak 2                      | <0.203    | U            | 0.571 | 0.203  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Aramite, Total                      | <0.184    | U            | 0.571 | 0.184  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Diallate                            | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Diallate Peak 1                     | <0.0748   | U            | 0.571 | 0.0748 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Diallate Peak 2                     | <0.0299   | U            | 0.571 | 0.0299 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Dimethoate                          | <0.499    | U            | 2.86  | 0.499  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Dinoseb                             | <0.676    | U            | 2.86  | 0.676  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Disulfoton                          | <2.15     | U            | 2.86  | 2.15   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Ethyl methanesulfonate              | <0.185    | U            | 0.571 | 0.185  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-276379/1-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                          | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| Ethyl Parathion                  | <0.625    | U            | 1.14  | 0.625  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Famphur                          | <0.259    | U            | 1.14  | 0.259  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Hexachloropropene                | <0.571    | U            | 0.571 | 0.571  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Isosafrole                       | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Isosafrole Peak 1                | <0.0231   | U            | 0.571 | 0.0231 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Isosafrole Peak 2                | <0.0985   | U            | 0.571 | 0.0985 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Methapyrilene                    | <1.52     | U            | 2.29  | 1.52   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Methyl methanesulfonate          | <0.186    | U            | 0.571 | 0.186  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Methyl parathion                 | <2.76     | U            | 2.86  | 2.76   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosodiethylamine            | <0.673    | U            | 1.14  | 0.673  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosodi-n-butylamine         | <0.724    | U            | 1.14  | 0.724  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosomethylethylamine        | <0.701    | U            | 1.14  | 0.701  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosomorpholine              | <0.713    | U            | 1.14  | 0.713  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| N-Nitrosopyrrolidine             | <0.109    | U            | 0.571 | 0.109  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| o,o',o"-Triethylphosphorothioate | <0.132    | U            | 0.571 | 0.132  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| p-Dimethylamino azobenzene       | <0.154    | U            | 0.571 | 0.154  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Pentachloronitrobenzene          | <0.253    | U            | 0.571 | 0.253  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Phenacetin                       | <0.252    | U            | 0.571 | 0.252  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Phorate                          | <2.61     | U            | 5.71  | 2.61   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| p-Phenylene diamine              | <5.71     | U            | 5.71  | 5.71   | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Pronamide                        | <0.134    | U            | 0.571 | 0.134  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Safrole, Total                   | <0.0920   | U            | 0.571 | 0.0920 | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Sulfotep                         | <0.471    | U            | 1.14  | 0.471  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Thionazin                        | <0.340    | U            | 1.14  | 0.340  | ug/L |   | 11/17/25 15:08 | 11/18/25 13:57 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 78           |              | 26 - 136 | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Fluorobiphenyl            | 77           |              | 39 - 130 | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| 2-Fluorophenol (Surr)       | 81           |              | 19 - 120 | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Nitrobenzene-d5 (Surr)      | 83           |              | 32 - 133 | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| Phenol-d5 (Surr)            | 80           |              | 8 - 124  | 11/17/25 15:08 | 11/18/25 13:57 | 1       |
| p-Terphenyl-d14             | 81           |              | 28 - 130 | 11/17/25 15:08 | 11/18/25 13:57 | 1       |

Lab Sample ID: MB 860-276379/1-A

Matrix: Water

Analysis Batch: 278178

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| N-Nitrosodimethylamine | <0.159    | U            | 0.571 | 0.159 | ug/L |   | 11/17/25 15:08 | 11/25/25 13:55 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 108          |              | 26 - 136 | 11/17/25 15:08 | 11/25/25 13:55 | 1       |
| 2-Fluorobiphenyl            | 75           |              | 39 - 130 | 11/17/25 15:08 | 11/25/25 13:55 | 1       |
| 2-Fluorophenol (Surr)       | 96           |              | 19 - 120 | 11/17/25 15:08 | 11/25/25 13:55 | 1       |
| Nitrobenzene-d5 (Surr)      | 91           |              | 32 - 133 | 11/17/25 15:08 | 11/25/25 13:55 | 1       |
| Phenol-d5 (Surr)            | 102          |              | 8 - 124  | 11/17/25 15:08 | 11/25/25 13:55 | 1       |
| p-Terphenyl-d14             | 78           |              | 28 - 130 | 11/17/25 15:08 | 11/25/25 13:55 | 1       |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276379/2-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                      | Spike | LCS    | LCS       | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------|--------|-----------|------|---|------|-------------|
|                              | Added | Result | Qualifier |      |   |      |             |
| 1,2,4-Trichlorobenzene       | 5.71  | 5.119  |           | ug/L |   | 90   | 55 - 120    |
| 1,2-Dichlorobenzene          | 5.71  | 5.158  |           | ug/L |   | 90   | 65 - 130    |
| 1,3-Dichlorobenzene          | 5.71  | 5.102  |           | ug/L |   | 89   | 26 - 130    |
| 1,4-Dichlorobenzene          | 5.71  | 5.003  |           | ug/L |   | 88   | 60 - 150    |
| 2,2'-oxybis[1-chloropropane] | 5.71  | 5.590  |           | ug/L |   | 98   | 65 - 145    |
| 2,4,5-Trichlorophenol        | 5.71  | 6.602  |           | ug/L |   | 116  | 58 - 150    |
| 2,4,6-Trichlorophenol        | 5.71  | 6.261  |           | ug/L |   | 110  | 39 - 145    |
| 2,4-Dichlorophenol           | 5.71  | 5.716  |           | ug/L |   | 100  | 60 - 147    |
| 2,4-Dimethylphenol           | 5.71  | 5.997  |           | ug/L |   | 105  | 58 - 140    |
| 1,4-Dioxane                  | 5.71  | 3.521  |           | ug/L |   | 62   | 31 - 145    |
| 2,4-Dinitrophenol            | 5.71  | 6.542  |           | ug/L |   | 114  | 10 - 150    |
| 2,4-Dinitrotoluene           | 5.71  | 5.827  |           | ug/L |   | 102  | 29 - 150    |
| 2,6-Dinitrotoluene           | 5.71  | 6.086  |           | ug/L |   | 107  | 55 - 150    |
| 2-Chloronaphthalene          | 5.71  | 5.553  |           | ug/L |   | 97   | 39 - 141    |
| 2-Methylnaphthalene          | 5.71  | 6.103  |           | ug/L |   | 107  | 33 - 149    |
| 2-Methylphenol               | 5.71  | 6.405  |           | ug/L |   | 112  | 49 - 140    |
| 2-Nitroaniline               | 5.71  | 6.374  |           | ug/L |   | 112  | 42 - 150    |
| 2-Nitrophenol                | 5.71  | 6.437  |           | ug/L |   | 113  | 43 - 150    |
| 3 & 4 Methylphenol           | 5.71  | 5.751  |           | ug/L |   | 101  | 39 - 142    |
| 3-Nitroaniline               | 5.71  | 4.790  |           | ug/L |   | 84   | 25 - 130    |
| 4,6-Dinitro-2-methylphenol   | 5.71  | 6.437  |           | ug/L |   | 113  | 10 - 150    |
| 4-Bromophenyl phenyl ether   | 5.71  | 5.798  |           | ug/L |   | 101  | 56 - 136    |
| 4-Chloro-3-methylphenol      | 5.71  | 6.357  |           | ug/L |   | 111  | 52 - 137    |
| 4-Chloroaniline              | 5.71  | 3.895  |           | ug/L |   | 68   | 10 - 95     |
| 4-Chlorophenyl phenyl ether  | 5.71  | 5.370  |           | ug/L |   | 94   | 53 - 134    |
| 4-Nitroaniline               | 5.71  | 5.694  |           | ug/L |   | 100  | 45 - 148    |
| Acenaphthene                 | 5.71  | 5.003  |           | ug/L |   | 88   | 48 - 136    |
| Acenaphthylene               | 5.71  | 5.520  |           | ug/L |   | 97   | 40 - 149    |
| Aniline                      | 5.71  | 2.765  |           | ug/L |   | 48   | 10 - 73     |
| Anthracene                   | 5.71  | 5.581  |           | ug/L |   | 98   | 51 - 146    |
| Benzo[a]anthracene           | 5.71  | 5.741  |           | ug/L |   | 100  | 43 - 145    |
| Benzo[a]pyrene               | 5.71  | 5.323  |           | ug/L |   | 93   | 52 - 136    |
| Benzo[b]fluoranthene         | 5.71  | 6.104  |           | ug/L |   | 107  | 45 - 140    |
| Benzo[g,h,i]perylene         | 5.71  | 4.873  |           | ug/L |   | 85   | 44 - 137    |
| Benzo[k]fluoranthene         | 5.71  | 5.390  |           | ug/L |   | 94   | 37 - 140    |
| Benzyl alcohol               | 5.71  | 4.923  |           | ug/L |   | 86   | 40 - 133    |
| Bis(2-chloroethoxy)methane   | 5.71  | 5.768  |           | ug/L |   | 101  | 52 - 143    |
| Bis(2-chloroethyl)ether      | 5.71  | 5.570  |           | ug/L |   | 97   | 52 - 140    |
| Bis(2-ethylhexyl) phthalate  | 5.71  | 5.983  |           | ug/L |   | 105  | 50 - 140    |
| Butyl benzyl phthalate       | 5.71  | 7.075  |           | ug/L |   | 124  | 60 - 150    |
| Chrysene                     | 5.71  | 5.175  |           | ug/L |   | 91   | 47 - 137    |
| Dibenz(a,h)anthracene        | 5.71  | 5.233  |           | ug/L |   | 92   | 50 - 147    |
| Dibenzofuran                 | 5.71  | 5.699  |           | ug/L |   | 100  | 52 - 139    |
| Diethyl phthalate            | 5.71  | 5.443  |           | ug/L |   | 95   | 55 - 137    |
| Dimethyl phthalate           | 5.71  | 6.104  |           | ug/L |   | 107  | 44 - 150    |
| Di-n-butyl phthalate         | 5.71  | 5.989  |           | ug/L |   | 105  | 49 - 146    |
| Di-n-octyl phthalate         | 5.71  | 6.745  |           | ug/L |   | 118  | 55 - 150    |
| Fluoranthene                 | 5.71  | 6.128  |           | ug/L |   | 107  | 50 - 144    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276379/2-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Fluorene                            | 5.71        | 5.372      |               | ug/L |   | 94   | 54 - 136    |
| Hexachlorobenzene                   | 5.71        | 5.355      |               | ug/L |   | 94   | 55 - 138    |
| Hexachlorobutadiene                 | 5.71        | 5.207      |               | ug/L |   | 91   | 45 - 150    |
| Hexachlorocyclopentadiene           | 5.71        | 5.039      |               | ug/L |   | 88   | 24 - 150    |
| Hexachloroethane                    | 5.71        | 5.052      |               | ug/L |   | 88   | 30 - 130    |
| Indeno[1,2,3-cd]pyrene              | 5.71        | 5.497      |               | ug/L |   | 96   | 46 - 138    |
| Isophorone                          | 5.71        | 5.623      |               | ug/L |   | 98   | 48 - 147    |
| Naphthalene                         | 5.71        | 5.391      |               | ug/L |   | 94   | 35 - 141    |
| Nitrobenzene                        | 5.71        | 6.064      |               | ug/L |   | 106  | 52 - 141    |
| N-Nitrosodi-n-propylamine           | 5.71        | 5.652      |               | ug/L |   | 99   | 41 - 137    |
| N-Nitrosodiphenylamine              | 5.71        | 5.833      |               | ug/L |   | 102  | 51 - 135    |
| Pentachlorophenol                   | 5.71        | 6.262      |               | ug/L |   | 110  | 33 - 150    |
| Phenanthrene                        | 5.71        | 5.739      |               | ug/L |   | 100  | 54 - 141    |
| Phenol                              | 5.71        | 5.442      |               | ug/L |   | 95   | 40 - 145    |
| Pyrene                              | 5.71        | 5.820      |               | ug/L |   | 102  | 50 - 143    |
| Pyridine                            | 5.71        | 3.787      |               | ug/L |   | 66   | 10 - 84     |
| N-Nitro-o-toluidine                 | 5.71        | 4.592      |               | ug/L |   | 80   | 29 - 141    |
| 2,3,4,6-Tetrachlorophenol           | 5.71        | 6.129      |               | ug/L |   | 107  | 60 - 150    |
| Acetophenone                        | 5.71        | 4.442      |               | ug/L |   | 78   | 52 - 136    |
| N-Nitrosopiperidine                 | 5.71        | 4.890      |               | ug/L |   | 86   | 36 - 148    |
| Pentachlorobenzene                  | 5.71        | 4.067      |               | ug/L |   | 71   | 52 - 128    |
| Diphenyl ether                      | 5.71        | 4.401      |               | ug/L |   | 77   | 46 - 130    |
| 1,1'-Biphenyl                       | 5.71        | 4.295      |               | ug/L |   | 75   | 39 - 142    |
| 4-Aminobiphenyl                     | 5.71        | 3.448      |               | ug/L |   | 60   | 10 - 115    |
| 1,2,4,5-Tetrachlorobenzene          | 5.71        | 4.326      |               | ug/L |   | 76   | 46 - 125    |
| 1,3,5-Trinitrobenzene               | 5.71        | 4.507      |               | ug/L |   | 79   | 42 - 130    |
| 1,3-Dinitrobenzene                  | 5.71        | 5.992      |               | ug/L |   | 105  | 65 - 150    |
| 1,4-Naphthoquinone                  | 5.71        | 4.290      |               | ug/L |   | 75   | 24 - 137    |
| 1-Naphthylamine                     | 5.71        | 2.468      |               | ug/L |   | 43   | 10 - 130    |
| 2,6-Dichlorophenol                  | 5.71        | 4.773      |               | ug/L |   | 84   | 42 - 145    |
| 2-Acetylaminofluorene               | 5.71        | 6.193      |               | ug/L |   | 108  | 45 - 150    |
| 2-Chlorophenol                      | 5.71        | 5.814      |               | ug/L |   | 102  | 51 - 143    |
| 2-Naphthylamine                     | 5.71        | 2.771      |               | ug/L |   | 48   | 17 - 130    |
| 2-Picoline                          | 5.71        | 2.754      |               | ug/L |   | 48   | 10 - 143    |
| 2-Toluidine                         | 5.71        | 2.236      |               | ug/L |   | 39   | 10 - 130    |
| 3,3'-Dichlorobenzidine              | 5.71        | 4.361      |               | ug/L |   | 76   | 10 - 128    |
| 3,3'-Dimethylbenzidine              | 5.71        | 1.778      |               | ug/L |   | 31   | 10 - 130    |
| 3-Methylcholanthrene                | 5.71        | 4.214      |               | ug/L |   | 74   | 53 - 130    |
| 4-Nitroquinoline-1-oxide            | 5.71        | 4.211      |               | ug/L |   | 74   | 20 - 140    |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.687      |               | ug/L |   | 82   | 27 - 146    |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 1.891      | J             | ug/L |   | 33   | 5 - 150     |
| Aramite Peak 1                      | 2.86        | 2.604      |               | ug/L |   | 91   | 45 - 150    |
| Aramite Peak 2                      | 2.86        | 2.298      |               | ug/L |   | 80   | 45 - 150    |
| Diallate Peak 1                     | 4.23        | 3.492      |               | ug/L |   | 83   | 47 - 150    |
| Diallate Peak 2                     | 1.49        | 1.264      |               | ug/L |   | 85   | 53 - 142    |
| Ethyl methanesulfonate              | 5.71        | 4.356      |               | ug/L |   | 76   | 45 - 138    |
| Hexachloropropene                   | 5.71        | 4.534      |               | ug/L |   | 79   | 35 - 140    |
| Isosafrole                          | 5.71        | 4.553      |               | ug/L |   | 80   | 47 - 137    |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276379/2-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Isosafrole Peak 1          | 0.914       | 0.7762     |               | ug/L |   | 85   | 48 - 132    |
| Isosafrole Peak 2          | 4.80        | 3.777      |               | ug/L |   | 79   | 47 - 137    |
| Methyl methanesulfonate    | 5.71        | 4.172      |               | ug/L |   | 73   | 33 - 140    |
| N-Nitrosodiethylamine      | 5.71        | 4.627      |               | ug/L |   | 81   | 50 - 136    |
| N-Nitrosodi-n-butylamine   | 5.71        | 5.711      |               | ug/L |   | 100  | 30 - 150    |
| N-Nitrosomethylethylamine  | 5.71        | 4.578      |               | ug/L |   | 80   | 30 - 148    |
| N-Nitrosomorpholine        | 5.71        | 5.002      |               | ug/L |   | 88   | 40 - 140    |
| N-Nitrosopyrrolidine       | 5.71        | 4.754      |               | ug/L |   | 83   | 20 - 130    |
| p-Dimethylamino azobenzene | 5.71        | 5.023      |               | ug/L |   | 88   | 16 - 150    |
| Pentachloronitrobenzene    | 5.71        | 5.037      |               | ug/L |   | 88   | 38 - 145    |
| Phenacetin                 | 5.71        | 4.735      |               | ug/L |   | 83   | 50 - 150    |
| p-Phenylene diamine        | 5.71        | <5.71      | U             | ug/L |   | 21   | 5 - 112     |
| Pronamide                  | 5.71        | 4.841      |               | ug/L |   | 85   | 60 - 150    |
| Safrole, Total             | 5.71        | 4.656      |               | ug/L |   | 81   | 70 - 130    |

| Surrogate                   | %Recovery | LCS Qualifier | Limits   |
|-----------------------------|-----------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 86        |               | 26 - 136 |
| 2-Fluorobiphenyl            | 83        |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 80        |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 91        |               | 32 - 133 |
| Phenol-d5 (Surr)            | 81        |               | 8 - 124  |
| p-Terphenyl-d14             | 83        |               | 28 - 130 |

Lab Sample ID: LCS 860-276379/2-A

Matrix: Water

Analysis Batch: 278178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| N-Nitrosodimethylamine | 5.71        | 6.078      |               | ug/L |   | 106  | 33 - 148    |

| Surrogate                   | %Recovery | LCS Qualifier | Limits   |
|-----------------------------|-----------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 111       |               | 26 - 136 |
| 2-Fluorobiphenyl            | 78        |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 94        |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 88        |               | 32 - 133 |
| Phenol-d5 (Surr)            | 103       |               | 8 - 124  |
| p-Terphenyl-d14             | 84        |               | 28 - 130 |

Lab Sample ID: LCS 860-276379/4-A

Matrix: Water

Analysis Batch: 278194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276379

| Analyte         | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------|-------------|------------|---------------|------|---|------|-------------|
| Aramite Peak 1  | 1.43        | 1.968      |               | ug/L |   | 138  | 45 - 150    |
| Aramite Peak 2  | 1.43        | 1.553      |               | ug/L |   | 109  | 45 - 150    |
| Aramite, Total  | 2.86        | <0.184     | U             | ug/L |   | 0    | 45 - 150    |
| Diallate        | 2.86        | <0.0299    | U             | ug/L |   | 0    | 47 - 150    |
| Diallate Peak 1 | 2.11        | 1.885      |               | ug/L |   | 89   | 47 - 150    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-276379/4-A

Matrix: Water

Analysis Batch: 278194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------------------|-------------|------------|---------------|------|---|------|-------------|
| Diallate Peak 2                  | 0.743       | 0.7450     |               | ug/L |   | 100  | 53 - 142    |
| Dimethoate                       | 2.86        | 8.739      | *+            | ug/L |   | 306  | 70 - 150    |
| Dinoseb                          | 5.71        | 12.25      | *+            | ug/L |   | 214  | 10 - 150    |
| Disulfoton                       | 2.86        | 9.879      | *+            | ug/L |   | 346  | 80 - 150    |
| Ethyl Parathion                  | 2.86        | 17.93      | *+            | ug/L |   | 627  | 70 - 150    |
| Famphur                          | 2.86        | 5.151      | *+            | ug/L |   | 180  | 10 - 150    |
| Methapyrilene                    | 5.71        | 7.933      |               | ug/L |   | 139  | 10 - 150    |
| Methyl parathion                 | 2.86        | 15.77      | *+            | ug/L |   | 552  | 80 - 150    |
| o,o',o"-Triethylphosphorothioate | 2.86        | 3.690      |               | ug/L |   | 129  | 38 - 150    |
| Phorate                          | 2.86        | 8.375      | *+            | ug/L |   | 293  | 65 - 150    |
| Safrole, Total                   | 2.86        | 2.606      |               | ug/L |   | 91   | 70 - 130    |
| Sulfotepp                        | 2.86        | 8.263      | *+            | ug/L |   | 289  | 28 - 150    |
| Thionazin                        | 2.86        | 4.415      | *+            | ug/L |   | 155  | 40 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 104           |               | 26 - 136 |
| 2-Fluorobiphenyl            | 98            |               | 39 - 130 |
| 2-Fluorophenol (Surr)       | 91            |               | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 98            |               | 32 - 133 |
| Phenol-d5 (Surr)            | 79            |               | 8 - 124  |
| p-Terphenyl-d14             | 93            |               | 28 - 130 |

Lab Sample ID: LCSD 860-276379/3-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,2,4-Trichlorobenzene       | 5.71        | 5.306       |                | ug/L |   | 93   | 55 - 120    | 4   | 30        |
| 1,2-Dichlorobenzene          | 5.71        | 5.382       |                | ug/L |   | 94   | 65 - 130    | 4   | 30        |
| 1,3-Dichlorobenzene          | 5.71        | 5.302       |                | ug/L |   | 93   | 26 - 130    | 4   | 30        |
| 1,4-Dichlorobenzene          | 5.71        | 5.295       |                | ug/L |   | 93   | 60 - 150    | 6   | 30        |
| 2,2'-oxybis[1-chloropropane] | 5.71        | 5.855       |                | ug/L |   | 102  | 65 - 145    | 5   | 30        |
| 2,4,5-Trichlorophenol        | 5.71        | 6.806       |                | ug/L |   | 119  | 58 - 150    | 3   | 30        |
| 2,4,6-Trichlorophenol        | 5.71        | 6.359       |                | ug/L |   | 111  | 39 - 145    | 2   | 30        |
| 2,4-Dichlorophenol           | 5.71        | 5.777       |                | ug/L |   | 101  | 60 - 147    | 1   | 30        |
| 2,4-Dimethylphenol           | 5.71        | 6.222       |                | ug/L |   | 109  | 58 - 140    | 4   | 30        |
| 1,4-Dioxane                  | 5.71        | 3.602       |                | ug/L |   | 63   | 31 - 145    | 2   | 30        |
| 2,4-Dinitrophenol            | 5.71        | 6.959       |                | ug/L |   | 122  | 10 - 150    | 6   | 30        |
| 2,4-Dinitrotoluene           | 5.71        | 6.160       |                | ug/L |   | 108  | 29 - 150    | 6   | 30        |
| 2,6-Dinitrotoluene           | 5.71        | 6.253       |                | ug/L |   | 109  | 55 - 150    | 3   | 30        |
| 2-Chloronaphthalene          | 5.71        | 6.446       |                | ug/L |   | 113  | 39 - 141    | 15  | 30        |
| 2-Methylnaphthalene          | 5.71        | 6.130       |                | ug/L |   | 107  | 33 - 149    | 0   | 30        |
| 2-Methylphenol               | 5.71        | 6.641       |                | ug/L |   | 116  | 49 - 140    | 4   | 30        |
| 2-Nitroaniline               | 5.71        | 6.559       |                | ug/L |   | 115  | 42 - 150    | 3   | 30        |
| 2-Nitrophenol                | 5.71        | 6.633       |                | ug/L |   | 116  | 43 - 150    | 3   | 30        |
| 3 & 4 Methylphenol           | 5.71        | 5.915       |                | ug/L |   | 104  | 39 - 142    | 3   | 30        |
| 3-Nitroaniline               | 5.71        | 4.931       |                | ug/L |   | 86   | 25 - 130    | 3   | 30        |
| 4,6-Dinitro-2-methylphenol   | 5.71        | 6.554       |                | ug/L |   | 115  | 10 - 150    | 2   | 30        |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276379/3-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                     | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec     |  | RPD |       |
|-----------------------------|----------------|----------------|-------------------|------|---|------|----------|--|-----|-------|
|                             |                |                |                   |      |   |      | Limits   |  | RPD | Limit |
| 4-Bromophenyl phenyl ether  | 5.71           | 5.955          |                   | ug/L |   | 104  | 56 - 136 |  | 3   | 30    |
| 4-Chloro-3-methylphenol     | 5.71           | 6.399          |                   | ug/L |   | 112  | 52 - 137 |  | 1   | 30    |
| 4-Chloroaniline             | 5.71           | 4.005          |                   | ug/L |   | 70   | 10 - 95  |  | 3   | 30    |
| 4-Chlorophenyl phenyl ether | 5.71           | 5.550          |                   | ug/L |   | 97   | 53 - 134 |  | 3   | 30    |
| 4-Nitroaniline              | 5.71           | 5.901          |                   | ug/L |   | 103  | 45 - 148 |  | 4   | 30    |
| Acenaphthene                | 5.71           | 5.077          |                   | ug/L |   | 89   | 48 - 136 |  | 1   | 30    |
| Acenaphthylene              | 5.71           | 5.707          |                   | ug/L |   | 100  | 40 - 149 |  | 3   | 30    |
| Aniline                     | 5.71           | 2.874          |                   | ug/L |   | 50   | 10 - 73  |  | 4   | 30    |
| Anthracene                  | 5.71           | 5.533          |                   | ug/L |   | 97   | 51 - 146 |  | 1   | 30    |
| Benzo[a]anthracene          | 5.71           | 5.927          |                   | ug/L |   | 104  | 43 - 145 |  | 3   | 30    |
| Benzo[a]pyrene              | 5.71           | 5.553          |                   | ug/L |   | 97   | 52 - 136 |  | 4   | 30    |
| Benzo[b]fluoranthene        | 5.71           | 6.165          |                   | ug/L |   | 108  | 45 - 140 |  | 1   | 30    |
| Benzo[g,h,i]perylene        | 5.71           | 5.055          |                   | ug/L |   | 88   | 44 - 137 |  | 4   | 30    |
| Benzo[k]fluoranthene        | 5.71           | 5.558          |                   | ug/L |   | 97   | 37 - 140 |  | 3   | 30    |
| Benzyl alcohol              | 5.71           | 4.965          |                   | ug/L |   | 87   | 40 - 133 |  | 1   | 30    |
| Bis(2-chloroethoxy)methane  | 5.71           | 6.032          |                   | ug/L |   | 106  | 52 - 143 |  | 4   | 30    |
| Bis(2-chloroethyl)ether     | 5.71           | 5.758          |                   | ug/L |   | 101  | 52 - 140 |  | 3   | 30    |
| Bis(2-ethylhexyl) phthalate | 5.71           | 6.110          |                   | ug/L |   | 107  | 50 - 140 |  | 2   | 30    |
| Butyl benzyl phthalate      | 5.71           | 7.268          |                   | ug/L |   | 127  | 60 - 150 |  | 3   | 30    |
| Chrysene                    | 5.71           | 5.389          |                   | ug/L |   | 94   | 47 - 137 |  | 4   | 30    |
| Dibenz(a,h)anthracene       | 5.71           | 5.545          |                   | ug/L |   | 97   | 50 - 147 |  | 6   | 30    |
| Dibenzofuran                | 5.71           | 5.838          |                   | ug/L |   | 102  | 52 - 139 |  | 2   | 30    |
| Diethyl phthalate           | 5.71           | 5.505          |                   | ug/L |   | 96   | 55 - 137 |  | 1   | 30    |
| Dimethyl phthalate          | 5.71           | 6.210          |                   | ug/L |   | 109  | 44 - 150 |  | 2   | 30    |
| Di-n-butyl phthalate        | 5.71           | 6.061          |                   | ug/L |   | 106  | 49 - 146 |  | 1   | 30    |
| Di-n-octyl phthalate        | 5.71           | 6.923          |                   | ug/L |   | 121  | 55 - 150 |  | 3   | 30    |
| Fluoranthene                | 5.71           | 6.102          |                   | ug/L |   | 107  | 50 - 144 |  | 0   | 30    |
| Fluorene                    | 5.71           | 5.432          |                   | ug/L |   | 95   | 54 - 136 |  | 1   | 30    |
| Hexachlorobenzene           | 5.71           | 5.379          |                   | ug/L |   | 94   | 55 - 138 |  | 0   | 30    |
| Hexachlorobutadiene         | 5.71           | 5.347          |                   | ug/L |   | 94   | 45 - 150 |  | 3   | 30    |
| Hexachlorocyclopentadiene   | 5.71           | 5.183          |                   | ug/L |   | 91   | 24 - 150 |  | 3   | 30    |
| Hexachloroethane            | 5.71           | 5.251          |                   | ug/L |   | 92   | 30 - 130 |  | 4   | 30    |
| Indeno[1,2,3-cd]pyrene      | 5.71           | 5.672          |                   | ug/L |   | 99   | 46 - 138 |  | 3   | 30    |
| Isophorone                  | 5.71           | 5.830          |                   | ug/L |   | 102  | 48 - 147 |  | 4   | 30    |
| Naphthalene                 | 5.71           | 5.457          |                   | ug/L |   | 95   | 35 - 141 |  | 1   | 30    |
| Nitrobenzene                | 5.71           | 6.465          |                   | ug/L |   | 113  | 52 - 141 |  | 6   | 30    |
| N-Nitrosodi-n-propylamine   | 5.71           | 5.884          |                   | ug/L |   | 103  | 41 - 137 |  | 4   | 30    |
| N-Nitrosodiphenylamine      | 5.71           | 5.935          |                   | ug/L |   | 104  | 51 - 135 |  | 2   | 30    |
| Pentachlorophenol           | 5.71           | 6.579          |                   | ug/L |   | 115  | 33 - 150 |  | 5   | 30    |
| Phenanthrene                | 5.71           | 5.854          |                   | ug/L |   | 102  | 54 - 141 |  | 2   | 30    |
| Phenol                      | 5.71           | 5.669          |                   | ug/L |   | 99   | 40 - 145 |  | 4   | 30    |
| Pyrene                      | 5.71           | 5.853          |                   | ug/L |   | 102  | 50 - 143 |  | 1   | 30    |
| Pyridine                    | 5.71           | 4.228          |                   | ug/L |   | 74   | 10 - 84  |  | 11  | 30    |
| N-Nitro-o-toluidine         | 5.71           | 4.615          |                   | ug/L |   | 81   | 29 - 141 |  | 0   | 30    |
| 2,3,4,6-Tetrachlorophenol   | 5.71           | 6.343          |                   | ug/L |   | 111  | 60 - 150 |  | 3   | 30    |
| Acetophenone                | 5.71           | 4.629          |                   | ug/L |   | 81   | 52 - 136 |  | 4   | 30    |
| N-Nitrosopiperidine         | 5.71           | 5.202          |                   | ug/L |   | 91   | 36 - 148 |  | 6   | 30    |
| Pentachlorobenzene          | 5.71           | 4.145          |                   | ug/L |   | 73   | 52 - 128 |  | 2   | 30    |
| Diphenyl ether              | 5.71           | 4.470          |                   | ug/L |   | 78   | 46 - 130 |  | 2   | 30    |

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# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276379/3-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276379

| Analyte                             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1'-Biphenyl                       | 5.71        | 4.346       |                | ug/L |   | 76   | 39 - 142    | 1   | 30        |
| 4-Aminobiphenyl                     | 5.71        | 3.572       |                | ug/L |   | 63   | 10 - 115    | 4   | 30        |
| 1,2,4,5-Tetrachlorobenzene          | 5.71        | 4.426       |                | ug/L |   | 77   | 46 - 125    | 2   | 30        |
| 1,3,5-Trinitrobenzene               | 5.71        | 5.175       |                | ug/L |   | 91   | 42 - 130    | 14  | 30        |
| 1,3-Dinitrobenzene                  | 5.71        | 6.406       |                | ug/L |   | 112  | 65 - 150    | 7   | 30        |
| 1,4-Naphthoquinone                  | 5.71        | 4.529       |                | ug/L |   | 79   | 24 - 137    | 5   | 30        |
| 1-Naphthylamine                     | 5.71        | 2.528       |                | ug/L |   | 44   | 10 - 130    | 2   | 30        |
| 2,6-Dichlorophenol                  | 5.71        | 4.876       |                | ug/L |   | 85   | 42 - 145    | 2   | 30        |
| 2-Acetylaminofluorene               | 5.71        | 6.215       |                | ug/L |   | 109  | 45 - 150    | 0   | 30        |
| 2-Chlorophenol                      | 5.71        | 6.138       |                | ug/L |   | 107  | 51 - 143    | 5   | 30        |
| 2-Naphthylamine                     | 5.71        | 3.013       |                | ug/L |   | 53   | 17 - 130    | 8   | 30        |
| 2-Picoline                          | 5.71        | 2.908       |                | ug/L |   | 51   | 10 - 143    | 5   | 30        |
| 2-Toluidine                         | 5.71        | 2.234       |                | ug/L |   | 39   | 10 - 130    | 0   | 30        |
| 3,3'-Dichlorobenzidine              | 5.71        | 4.551       |                | ug/L |   | 80   | 10 - 128    | 4   | 30        |
| 3,3'-Dimethylbenzidine              | 5.71        | 1.654       |                | ug/L |   | 29   | 10 - 130    | 7   | 30        |
| 3-Methylcholanthrene                | 5.71        | 4.337       |                | ug/L |   | 76   | 53 - 130    | 3   | 30        |
| 4-Nitroquinoline-1-oxide            | 5.71        | 4.269       |                | ug/L |   | 75   | 20 - 140    | 1   | 30        |
| 7,12-Dimethylbenz(a)anthracene      | 5.71        | 4.774       |                | ug/L |   | 84   | 27 - 146    | 2   | 30        |
| alpha,alpha-Dimethyl phenethylamine | 5.71        | 2.818       | J *1           | ug/L |   | 49   | 5 - 150     | 39  | 30        |
| Aramite Peak 1                      | 2.86        | 2.721       |                | ug/L |   | 95   | 45 - 150    | 4   | 30        |
| Aramite Peak 2                      | 2.86        | 2.254       |                | ug/L |   | 79   | 45 - 150    | 2   | 30        |
| Diallate Peak 1                     | 4.23        | 3.618       |                | ug/L |   | 86   | 47 - 150    | 4   | 30        |
| Diallate Peak 2                     | 1.49        | 1.273       |                | ug/L |   | 86   | 53 - 142    | 1   | 30        |
| Ethyl methanesulfonate              | 5.71        | 4.565       |                | ug/L |   | 80   | 45 - 138    | 5   | 30        |
| Hexachloropropene                   | 5.71        | 4.712       |                | ug/L |   | 82   | 35 - 140    | 4   | 30        |
| Isosafrole                          | 5.71        | 4.625       |                | ug/L |   | 81   | 47 - 137    | 2   | 30        |
| Isosafrole Peak 1                   | 0.914       | 0.7690      |                | ug/L |   | 84   | 48 - 132    | 1   | 30        |
| Isosafrole Peak 2                   | 4.80        | 3.856       |                | ug/L |   | 80   | 47 - 137    | 2   | 30        |
| Methyl methanesulfonate             | 5.71        | 4.338       |                | ug/L |   | 76   | 33 - 140    | 4   | 30        |
| N-Nitrosodiethylamine               | 5.71        | 4.852       |                | ug/L |   | 85   | 50 - 136    | 5   | 30        |
| N-Nitrosodi-n-butylamine            | 5.71        | 5.888       |                | ug/L |   | 103  | 30 - 150    | 3   | 30        |
| N-Nitrosomethylethylamine           | 5.71        | 4.812       |                | ug/L |   | 84   | 30 - 148    | 5   | 30        |
| N-Nitrosomorpholine                 | 5.71        | 5.104       |                | ug/L |   | 89   | 40 - 140    | 2   | 30        |
| N-Nitrosopyrrolidine                | 5.71        | 4.942       |                | ug/L |   | 86   | 20 - 130    | 4   | 30        |
| p-Dimethylamino azobenzene          | 5.71        | 5.102       |                | ug/L |   | 89   | 16 - 150    | 2   | 30        |
| Pentachloronitrobenzene             | 5.71        | 5.144       |                | ug/L |   | 90   | 38 - 145    | 2   | 30        |
| Phenacetin                          | 5.71        | 4.770       |                | ug/L |   | 83   | 50 - 150    | 1   | 30        |
| p-Phenylene diamine                 | 5.71        | <5.71       | U              | ug/L |   | 21   | 5 - 112     | 1   | 30        |
| Pronamide                           | 5.71        | 4.949       |                | ug/L |   | 87   | 60 - 150    | 2   | 30        |
| Safrole, Total                      | 5.71        | 4.717       |                | ug/L |   | 83   | 70 - 130    | 1   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 92             |                | 26 - 136 |
| 2-Fluorobiphenyl            | 86             |                | 39 - 130 |
| 2-Fluorophenol (Surr)       | 82             |                | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 95             |                | 32 - 133 |
| Phenol-d5 (Surr)            | 85             |                | 8 - 124  |

Eurofins Houston

# QC Sample Results

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-276379/3-A

Matrix: Water

Analysis Batch: 276617

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276379

|                 | LCSD      | LCSD      |          |
|-----------------|-----------|-----------|----------|
| Surrogate       | %Recovery | Qualifier | Limits   |
| p-Terphenyl-d14 | 84        |           | 28 - 130 |

Lab Sample ID: LCSD 860-276379/3-A

Matrix: Water

Analysis Batch: 278178

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276379

|                        | Spike | LCSD   | LCSD      |      |   |      |          | %Rec |       | RPD |
|------------------------|-------|--------|-----------|------|---|------|----------|------|-------|-----|
| Analyte                | Added | Result | Qualifier | Unit | D | %Rec | Limits   | RPD  | Limit |     |
| N-Nitrosodimethylamine | 5.71  | 6.086  |           | ug/L |   | 106  | 33 - 148 | 0    | 30    |     |

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 112       |           | 26 - 136 |
| 2-Fluorobiphenyl            | 81        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 95        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 89        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 108       |           | 8 - 124  |
| p-Terphenyl-d14             | 86        |           | 28 - 130 |

Lab Sample ID: LCSD 860-276379/5-A

Matrix: Water

Analysis Batch: 278194

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276379

|                                  |  |  | Spike | LCSD    | LCSD      |      |   |      | %Rec     | RPD |       |
|----------------------------------|--|--|-------|---------|-----------|------|---|------|----------|-----|-------|
| Analyte                          |  |  | Added | Result  | Qualifier | Unit | D | %Rec | Limits   | RPD | Limit |
| Aramite Peak 1                   |  |  | 1.43  | 1.680   |           | ug/L |   | 118  | 45 - 150 | 16  | 30    |
| Aramite Peak 2                   |  |  | 1.43  | 1.295   |           | ug/L |   | 91   | 45 - 150 | 18  | 30    |
| Aramite, Total                   |  |  | 2.86  | <0.184  | U         | ug/L |   | 0    | 45 - 150 | NC  | 30    |
| Diallate                         |  |  | 2.86  | <0.0299 | U         | ug/L |   | 0    | 47 - 150 | NC  | 30    |
| Diallate Peak 1                  |  |  | 2.11  | 1.585   |           | ug/L |   | 75   | 47 - 150 | 17  | 30    |
| Diallate Peak 2                  |  |  | 0.743 | 0.6494  |           | ug/L |   | 87   | 53 - 142 | 14  | 30    |
| Dimethoate                       |  |  | 2.86  | 7.867   | *+        | ug/L |   | 275  | 70 - 150 | 10  | 30    |
| Dinoseb                          |  |  | 5.71  | 11.54   | *+        | ug/L |   | 202  | 10 - 150 | 6   | 30    |
| Disulfoton                       |  |  | 2.86  | 8.019   | *+        | ug/L |   | 281  | 80 - 150 | 21  | 30    |
| Ethyl Parathion                  |  |  | 2.86  | 15.87   | *+        | ug/L |   | 556  | 70 - 150 | 12  | 30    |
| Famphur                          |  |  | 2.86  | 4.160   |           | ug/L |   | 146  | 10 - 150 | 21  | 30    |
| Methapyrilene                    |  |  | 5.71  | 7.603   |           | ug/L |   | 133  | 10 - 150 | 4   | 30    |
| Methyl parathion                 |  |  | 2.86  | 13.77   | *+        | ug/L |   | 482  | 80 - 150 | 14  | 30    |
| o,o',o"-Triethylphosphorothioate |  |  | 2.86  | 3.243   |           | ug/L |   | 113  | 38 - 150 | 13  | 30    |
| Phorate                          |  |  | 2.86  | 6.993   | *+        | ug/L |   | 245  | 65 - 150 | 18  | 30    |
| Safrole, Total                   |  |  | 2.86  | 2.366   |           | ug/L |   | 83   | 70 - 130 | 10  | 30    |
| Sulfotepp                        |  |  | 2.86  | 7.189   | *+        | ug/L |   | 252  | 28 - 150 | 14  | 30    |
| Thionazin                        |  |  | 2.86  | 3.889   |           | ug/L |   | 136  | 40 - 140 | 13  | 30    |

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 91        |           | 26 - 136 |
| 2-Fluorobiphenyl            | 87        |           | 39 - 130 |
| 2-Fluorophenol (Surr)       | 81        |           | 19 - 120 |
| Nitrobenzene-d5 (Surr)      | 82        |           | 32 - 133 |
| Phenol-d5 (Surr)            | 67        |           | 8 - 124  |
| p-Terphenyl-d14             | 78        |           | 28 - 130 |

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## QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

### GC/MS VOA

#### Analysis Batch: 276788

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116515-1        | TB-10                  | Total/NA  | Water  | 8260D  |            |
| 860-116515-2        | MW-75                  | Total/NA  | Water  | 8260D  |            |
| 860-116515-3        | MW-54                  | Total/NA  | Water  | 8260D  |            |
| 860-116515-4        | FB-04                  | Total/NA  | Water  | 8260D  |            |
| 860-116515-5        | MW-52-S                | Total/NA  | Water  | 8260D  |            |
| 860-116515-6        | RB-04                  | Total/NA  | Water  | 8260D  |            |
| 860-116515-7        | MW-73                  | Total/NA  | Water  | 8260D  |            |
| 860-116515-8        | DUPE-04                | Total/NA  | Water  | 8260D  |            |
| 860-116515-9        | MW-52-D                | Total/NA  | Water  | 8260D  |            |
| 860-116515-10       | MW-50                  | Total/NA  | Water  | 8260D  |            |
| MB 860-276788/19    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276788/1013 | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276788/14  | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 276979

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 860-116515-8 - DL  | DUPE-04                | Total/NA  | Water  | 8260D  |            |
| MB 860-276979/7    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 860-276979/3   | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 860-276979/4  | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 860-116574-C-13 MS | Matrix Spike           | Total/NA  | Water  | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 276379

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 860-116515-2        | MW-75                  | Total/NA  | Water  | 3511   |            |
| 860-116515-2 - RA   | MW-75                  | Total/NA  | Water  | 3511   |            |
| 860-116515-3        | MW-54                  | Total/NA  | Water  | 3511   |            |
| 860-116515-3 - RA   | MW-54                  | Total/NA  | Water  | 3511   |            |
| 860-116515-5        | MW-52-S                | Total/NA  | Water  | 3511   |            |
| 860-116515-5 - DL   | MW-52-S                | Total/NA  | Water  | 3511   |            |
| 860-116515-5 - RA   | MW-52-S                | Total/NA  | Water  | 3511   |            |
| 860-116515-6        | RB-04                  | Total/NA  | Water  | 3511   |            |
| 860-116515-6 - RA   | RB-04                  | Total/NA  | Water  | 3511   |            |
| 860-116515-7        | MW-73                  | Total/NA  | Water  | 3511   |            |
| 860-116515-7 - DL   | MW-73                  | Total/NA  | Water  | 3511   |            |
| 860-116515-7 - RA   | MW-73                  | Total/NA  | Water  | 3511   |            |
| 860-116515-8        | DUPE-04                | Total/NA  | Water  | 3511   |            |
| 860-116515-8 - RA   | DUPE-04                | Total/NA  | Water  | 3511   |            |
| 860-116515-8 - DL   | DUPE-04                | Total/NA  | Water  | 3511   |            |
| 860-116515-9        | MW-52-D                | Total/NA  | Water  | 3511   |            |
| 860-116515-9 - DL   | MW-52-D                | Total/NA  | Water  | 3511   |            |
| 860-116515-9 - RA   | MW-52-D                | Total/NA  | Water  | 3511   |            |
| 860-116515-10       | MW-50                  | Total/NA  | Water  | 3511   |            |
| 860-116515-10 - RA  | MW-50                  | Total/NA  | Water  | 3511   |            |
| 860-116515-10 - DL  | MW-50                  | Total/NA  | Water  | 3511   |            |
| MB 860-276379/1-A   | Method Blank           | Total/NA  | Water  | 3511   |            |
| LCS 860-276379/2-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCS 860-276379/4-A  | Lab Control Sample     | Total/NA  | Water  | 3511   |            |
| LCSD 860-276379/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

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# QC Association Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 276379 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCSD 860-276379/5-A | Lab Control Sample Dup | Total/NA  | Water  | 3511   |            |

### Analysis Batch: 276617

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-276379/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 276379     |
| LCS 860-276379/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 276379     |
| LCSD 860-276379/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 276379     |

### Analysis Batch: 277923

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 860-116515-2  | MW-75            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-3  | MW-54            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-5  | MW-52-S          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-6  | RB-04            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-7  | MW-73            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-8  | DUPE-04          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-9  | MW-52-D          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-10 | MW-50            | Total/NA  | Water  | 8270E  | 276379     |

### Analysis Batch: 278178

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-276379/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 276379     |
| LCS 860-276379/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 276379     |
| LCSD 860-276379/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 276379     |

### Analysis Batch: 278194

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCS 860-276379/4-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 276379     |
| LCSD 860-276379/5-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 276379     |

### Analysis Batch: 278469

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116515-2 - RA  | MW-75            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-3 - RA  | MW-54            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-5 - RA  | MW-52-S          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-6 - RA  | RB-04            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-7 - RA  | MW-73            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-7 - DL  | MW-73            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-8 - RA  | DUPE-04          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-8 - DL  | DUPE-04          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-9 - RA  | MW-52-D          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-10 - RA | MW-50            | Total/NA  | Water  | 8270E  | 276379     |

### Analysis Batch: 278944

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 860-116515-5 - DL  | MW-52-S          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-7 - DL  | MW-73            | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-8 - DL  | DUPE-04          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-9 - DL  | MW-52-D          | Total/NA  | Water  | 8270E  | 276379     |
| 860-116515-10 - DL | MW-50            | Total/NA  | Water  | 8270E  | 276379     |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

**Client Sample ID: TB-10**

**Date Collected: 11/13/25 00:00**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276788       | 11/19/25 20:48       | A1S     | EET HOU |

**Client Sample ID: MW-75**

**Date Collected: 11/13/25 08:40**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276788       | 11/19/25 21:49       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 07:24       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70 mL          | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/27/25 00:37       | EM      | EET HOU |

**Client Sample ID: MW-54**

**Date Collected: 11/13/25 08:45**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276788       | 11/19/25 22:10       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.9 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 06:56       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.9 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/27/25 00:07       | EM      | EET HOU |

**Client Sample ID: FB-04**

**Date Collected: 11/13/25 08:45**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276788       | 11/19/25 21:09       | A1S     | EET HOU |

**Client Sample ID: MW-52-S**

**Date Collected: 11/13/25 09:30**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276788       | 11/19/25 22:30       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.8 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 06:28       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.8 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/26/25 23:37       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.8 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 278944       | 12/01/25 17:28       | DB      | EET HOU |

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# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

**Client Sample ID: RB-04**

**Date Collected: 11/13/25 09:55**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276788       | 11/19/25 22:51       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70 mL          | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 06:00       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70 mL          | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/26/25 23:07       | EM      | EET HOU |

**Client Sample ID: MW-73**

**Date Collected: 11/13/25 10:02**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 500        | 5 mL           | 5 mL         | 276788       | 11/20/25 02:36       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 69.6 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 05:32       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 69.6 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/26/25 20:37       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.6 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 278469       | 11/26/25 21:08       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 69.6 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 500        | 1 mL           | 1 mL         | 278944       | 12/01/25 18:02       | DB      | EET HOU |

**Client Sample ID: DUPE-04**

**Date Collected: 11/13/25 00:00**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-8**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        | DL  | 500        | 5 mL           | 5 mL         | 276979       | 11/20/25 10:43       | A1S     | EET HOU |
| Total/NA  | Analysis   | 8260D        |     | 10         | 5 mL           | 5 mL         | 276788       | 11/20/25 00:54       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.3 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 07:52       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.3 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/26/25 21:38       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.3 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 50         | 1 mL           | 1 mL         | 278469       | 11/26/25 22:07       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.3 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 500        | 1 mL           | 1 mL         | 278944       | 12/01/25 18:32       | DB      | EET HOU |

**Client Sample ID: MW-52-D**

**Date Collected: 11/13/25 10:35**

**Date Received: 11/14/25 09:34**

**Lab Sample ID: 860-116515-9**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 276788       | 11/19/25 23:11       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.5 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 05:04       | T1S     | EET HOU |

Eurofins Houston

# Lab Chronicle

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

**Client Sample ID: MW-52-D**

**Lab Sample ID: 860-116515-9**

**Date Collected: 11/13/25 10:35**

**Matrix: Water**

**Date Received: 11/14/25 09:34**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3511         | RA  |            | 70.5 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/26/25 22:37       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.5 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 100        | 1 mL           | 1 mL         | 278944       | 12/01/25 19:02       | DB      | EET HOU |

**Client Sample ID: MW-50**

**Lab Sample ID: 860-116515-10**

**Date Collected: 11/13/25 11:04**

**Matrix: Water**

**Date Received: 11/14/25 09:34**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 20         | 5 mL           | 5 mL         | 276788       | 11/20/25 01:14       | A1S     | EET HOU |
| Total/NA  | Prep       | 3511         |     |            | 70.6 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        |     | 1          | 1 mL           | 1 mL         | 277923       | 11/25/25 04:36       | T1S     | EET HOU |
| Total/NA  | Prep       | 3511         | RA  |            | 70.6 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | RA  | 1          | 1 mL           | 1 mL         | 278469       | 11/26/25 19:38       | EM      | EET HOU |
| Total/NA  | Prep       | 3511         | DL  |            | 70.6 mL        | 4 mL         | 276379       | 11/17/25 15:08       | DR      | EET HOU |
| Total/NA  | Analysis   | 8270E        | DL  | 1000       | 1 mL           | 1 mL         | 278944       | 12/01/25 19:32       | DB      | EET HOU |

## Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

## Accreditation/Certification Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

### Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority       | Program             | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ    | State               | 88-00759              | 08-05-26        |
| Florida         | NELAP               | E871002               | 06-30-26        |
| Louisiana (All) | NELAP               | 03054                 | 06-30-26        |
| New Mexico      | State               | TX00122               | 06-30-26        |
| Oklahoma        | NELAP               | 1306                  | 12-31-25        |
| Texas           | NELAP               | T104704215            | 06-30-26        |
| Texas           | TCEQ Water Supply   | T104704215            | 12-23-25        |
| USDA            | US Federal Programs | 525-23-79-79507       | 03-20-26        |

## Method Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|-------------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS       | SW846    | EET HOU    |
| 8270E  | Semivolatile Organic Compounds (GC-MS/MS) | SW846    | EET HOU    |
| 3511   | Microextraction of Organic Compounds      | SW846    | EET HOU    |
| 5030C  | Purge and Trap                            | SW846    | EET HOU    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



## Sample Summary

Client: Arcadis US Inc.  
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-116515-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 860-116515-1  | TB-10            | Water  | 11/13/25 00:00 | 11/14/25 09:34 | Mississippi   |
| 860-116515-2  | MW-75            | Water  | 11/13/25 08:40 | 11/14/25 09:34 | Mississippi   |
| 860-116515-3  | MW-54            | Water  | 11/13/25 08:45 | 11/14/25 09:34 | Mississippi   |
| 860-116515-4  | FB-04            | Water  | 11/13/25 08:45 | 11/14/25 09:34 | Mississippi   |
| 860-116515-5  | MW-52-S          | Water  | 11/13/25 09:30 | 11/14/25 09:34 | Mississippi   |
| 860-116515-6  | RB-04            | Water  | 11/13/25 09:55 | 11/14/25 09:34 | Mississippi   |
| 860-116515-7  | MW-73            | Water  | 11/13/25 10:02 | 11/14/25 09:34 | Mississippi   |
| 860-116515-8  | DUPE-04          | Water  | 11/13/25 00:00 | 11/14/25 09:34 | Mississippi   |
| 860-116515-9  | MW-52-D          | Water  | 11/13/25 10:35 | 11/14/25 09:34 | Mississippi   |
| 860-116515-10 | MW-50            | Water  | 11/13/25 11:04 | 11/14/25 09:34 | Mississippi   |

**Phone (281) 240-4200**

2019 RELEASE

2000



860-116515 Chain of Custody

## Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 860-116515-1

Login Number: 116515

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | N/A    |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | True   |         |

# Attachment B

**Working Schedule – Remedial Investigation/ Feasibility Study  
Approach**



| Task                                                 |                                                                 | Responsible Party   | Duration (Working Days) | Duration (Months) | Predecessor Task | Start      | Finish     | Status   | Key Assumptions/Comments                                                                                                                                                                                                         |
|------------------------------------------------------|-----------------------------------------------------------------|---------------------|-------------------------|-------------------|------------------|------------|------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| December 4, 2023 RI/FS Work Plan and RI Deliverables |                                                                 |                     |                         |                   |                  |            |            |          |                                                                                                                                                                                                                                  |
| 0                                                    | Decide on Path Forward                                          | USEPA/MDEQ/Hercules | ---                     | ---               | ---              | 1/14/25    | 1/14/25    | Complete | The conceptual schedule uses completion of this task as the starting date for future tasks.                                                                                                                                      |
| 1                                                    | Overview of Site and Conceptual Site Model (CSM)                | Hercules            | ---                     | ---               | 0+14d            | 2/4/2025   | 2/4/2025   | Complete | Presentation of Site history and CSM to new members in the USEPA team.                                                                                                                                                           |
| 2                                                    | Overview of Proposed Scope in RI/FS Work Plan                   | Hercules            | ---                     | ---               | 1+12d            | 2/21/2025  | 2/21/2025  | Complete | Presentation of proposed scope in the 12/4/23 RI/FS Work Plan to new members in the USEPA team. 4 hour duration for teleconference.                                                                                              |
| 3                                                    | Issue Letter - SAP Not Required                                 | USEPA/MDEQ          | ---                     | ---               | ---              | 2/24/2025  | 1/23/2025  | Complete | USEPA is no longer requiring a SAP. The agency provided a letter on 1/23/2025 modifying the requirement in the ASAOC for this RI Deliverable.                                                                                    |
| 4                                                    | Agency Review of DMP and HASP                                   | USEPA/MDEQ          | ---                     | ---               | 1, 2             | 2/24/2025  | 6/6/2025   | Complete | Both documents critical for the RI phase. Submitted in March 2024. The USEPA provided comments in a letter dated June 6, 2025.                                                                                                   |
| 5                                                    | Agency Review of ERNP and Approval of Reuse Assessment          | USEPA/MDEQ          | ---                     | ---               | 1, 2             | 2/24/2025  | 6/6/2025   | Complete | Agreed this is not critical for the RI phase. Submitted in March 2024. The USEPA provided comments in a letter dated June 6, 2025. No revisions to the Reuse Assessment are necessary.                                           |
| 6                                                    | Agency Review of FSP                                            | USEPA/MDEQ          | ---                     | ---               | 1, 2             | 2/24/2025  | 6/23/2025  | Complete | This document is critical for the RI phase. Submitted in March 2024. The USEPA provided comments in a letter dated June 23, 2025.                                                                                                |
| 7                                                    | Submit Revised RI/FS Work Plan                                  | Hercules            | 88                      | 4.4               | 2                | 2/24/2025  | 6/30/2025  | Complete | Submitted on June 30, 2025, based on feedback received to date through recent OU scoping calls, outcome of the 2023/2024 vapor intrusion investigation activities, and comparison to revised screening levels per USEPA request. |
| 8                                                    | Submit Revised QAPP                                             | Hercules            | 88                      | 4.4               | 2                | 2/24/2025  | 6/30/2025  | Complete | Original QAPP submitted in March 2024. Received comments from the USEPA on 11/5/24. Conference call was held on 12/17/24 to discuss comments and path forward for revisions. Revised QAPP submitted on June 30, 2025.            |
| 9                                                    | Submit Revised HASP and ERNP                                    | Hercules            | 50                      | 2.5               | 4,5              | 6/9/2025   | 8/20/2025  | Complete | Revisions completed based on feedback from the USEPA and MDEQ.                                                                                                                                                                   |
| 10                                                   | Submit Revised DMP and FSP                                      | Hercules            | 60                      | 3.0               | 6                | 6/24/2025  | 9/18/2025  | Complete | Revisions completed based on feedback from the USEPA and MDEQ.                                                                                                                                                                   |
| 11                                                   | Agency Review of Revised RI/FS Work Plan                        | USEPA/MDEQ          | 82                      | 4.1               | 7                | 7/1/2025   | 10/28/2025 | Complete | The USEPA provided comments in a letter dated October 28, 2025. A conference call was held on November 17, 2025 to discuss the comments and proposed Hercules responses.                                                         |
| 12                                                   | Submit RTCs on Revised RI/FS Work Plan                          | Hercules            | 35                      | 1.8               | 11               | 10/29/2025 | 12/19/2025 | Complete | Revisions completed based on feedback from the USEPA and MDEQ, and discussions during the conference call on 11/77/25.                                                                                                           |
| 13                                                   | Agency Review of Revised QAPP                                   | USEPA/MDEQ          | 113                     | 5.7               | 8                | 7/1/2025   | 12/12/2025 | Complete | The USEPA provided comments in a letter dated December 12, 2025. Hercules requested to postpone call to discuss comment until receiving approval from the USEPA on RTCs on Revised RI/FS Work Plan.                              |
| 14                                                   | Agency Review of Revised FSP                                    | USEPA/MDEQ          | 79                      | 4.0               | 10               | 9/19/2025  | 1/15/2026  | Complete | The USEPA provided comments in a letter dated January 15, 2026. Revisions should include the final tables and figures from the Revised RI/FS Work Plan after final approval.                                                     |
| 15                                                   | Agency Review of RTCs on Revised RI/FS Work Plan                | USEPA/MDEQ          | 49                      | 2.5               | 12               | 12/22/2025 | 3/5/2026   | Complete | The USEPA provided comments in a letter dated March 5, 2026.                                                                                                                                                                     |
| 16                                                   | Agency Review of Revised DMP and Site-Specific Constituent List | USEPA/MDEQ          | 124                     | 6.2               | 10               | 9/19/2025  | 3/23/2026  | Complete | The USEPA provided comments in letters dated March 23, 2026.                                                                                                                                                                     |
| 17                                                   | Agency Review/Approval of Revised ERNP                          | USEPA/MDEQ          | 173                     | 8.7               | 9                | 8/21/2025  | 5/1/2026   |          |                                                                                                                                                                                                                                  |
| 18                                                   | Conference call with USEPA and MDEQ                             | USEPA/MDEQ/Hercules | 1                       | 0.1               | 13, 14, 15, 16   | 4/20/2026  | 4/21/2026  |          | Scheduled for 4/20/26 to discuss next steps, avoid overlapping, and streamline approval of RI Deliverables.                                                                                                                      |

Footnotes on Page 2.



| Task                |                                                                          | Responsible Party | Duration (Working Days) | Duration (Months) | Predecessor Task | Start     | Finish    | Status | Key Assumptions/Comments                                                                                                                                                                                                   |
|---------------------|--------------------------------------------------------------------------|-------------------|-------------------------|-------------------|------------------|-----------|-----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19                  | Submit RTC letter and Final RI/FS Work Plan and FSP, ERNP, DMP, and HASP | Hercules          | 35                      | 1.8               | 18               | 4/22/2026 | 6/11/2026 |        | Agency will not approve HASP per ASAOC.                                                                                                                                                                                    |
| 20                  | Submit RTC letter and Final QAPP                                         | Hercules          | 45                      | 2.3               | 18               | 4/22/2026 | 6/26/2026 |        |                                                                                                                                                                                                                            |
| 21                  | Agency Approval of Final RI/FS Work Plan, and FSP, ERNP, DMP, and HASP   | USEPA/MDEQ        | 40                      | 2.0               | 19               | 6/12/2026 | 8/11/2026 |        |                                                                                                                                                                                                                            |
| 22                  | Agency Approval of Final QAPP                                            | USEPA/MDEQ        | 60                      | 3.0               | 20               | 6/29/2026 | 9/23/2026 |        |                                                                                                                                                                                                                            |
| RI Field Activities |                                                                          |                   |                         |                   |                  |           |           |        |                                                                                                                                                                                                                            |
| 23                  | Implementation of Final RI/FS Work Plan                                  | Hercules          | 60                      | 3.0               | 21 and 22 +30d   | 11/6/2026 | 2/2/2027  |        | Goal is to start implementation of Final RI/FS Work Plan in approximately 20 working days (30 calendar days) of USEPA/MDEQ approval of RI related documents. Assumes 60 working days to implement the RI field activities. |

Notes/Assumptions:  
1. This schedule is considered a "living" document that will be updated accordingly throughout the performance of the specified tasks.

Acronyms and Abbreviations:  
DMP - Data Management Plan  
ERNP - Emergency Response and Notification Plan  
FS - Feasibility Study

FSP - Field Sampling Plan  
HASP - Health and Safety Plan  
MDEQ - Mississippi Department of Environmental Quality

OU - Operable Unit  
QAPP - Quality Assurance Project Plan  
RI - Remedial Investigation

USEPA - United States Environmental Protection Agency