Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW08-121009

Lab Sample ID: 680-53419-20
Client Matrix: Water

Date Sampled: 12/10/2009 0835
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-155965		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3673.d
Dilution:	25			Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1709			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1709				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	43		25
1,1,1-Trichloroethane	<25		25
1,1,2-Trichloroethane	<25		25
Trichloroethene	<25		25
Trichlorofluoromethane	<25		25
1,2,3-Trichloropropane	<25		25
Vinyl acetate	<50		50
Vinyl chloride	<25		25
Xylenes, Total	95		50

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	105		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW09-121009

Lab Sample ID: 680-53419-21
Client Matrix: Water

Date Sampled: 12/10/2009 0935
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156021		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3693.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 2241			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 2241				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	210		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	1.6		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW09-121009

Lab Sample ID: 680-53419-21
Client Matrix: Water

Date Sampled: 12/10/2009 0935
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156021	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o3693.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/12/2009 2241		Final Weight/Volume: 5 mL
Date Prepared:	12/12/2009 2241		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW10-120909

Lab Sample ID: 680-53419-22
Client Matrix: Water

Date Sampled: 12/09/2009 0850
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-155965	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o3677.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/11/2009 1807		Final Weight/Volume: 5 mL
Date Prepared:	12/11/2009 1807		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW10-120909

Lab Sample ID: 680-53419-22
Client Matrix: Water

Date Sampled: 12/09/2009 0850
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-155965	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o3677.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/11/2009 1807		Final Weight/Volume: 5 mL
Date Prepared:	12/11/2009 1807		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	97		75 - 121
Toluene-d8 (Surr)	106		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW11-120909

Lab Sample ID: 680-53419-23
Client Matrix: Water

Date Sampled: 12/09/2009 0826
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-155965		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3679.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1836			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1836				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW11-120909

Lab Sample ID: 680-53419-23
Client Matrix: Water

Date Sampled: 12/09/2009 0826
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-155965		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3679.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1836			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1836				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		75 - 120
Dibromofluoromethane	100		75 - 121
Toluene-d8 (Surr)	105		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW12-120909

Lab Sample ID: 680-53419-24
Client Matrix: Water

Date Sampled: 12/09/2009 1000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3692.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 2227			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 2227				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW12-120909

Lab Sample ID: 680-53419-24
Client Matrix: Water

Date Sampled: 12/09/2009 1000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3692.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 2227			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 2227				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		75 - 120
Dibromofluoromethane	103		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW13-120909

Lab Sample ID: 680-53419-25
Client Matrix: Water

Date Sampled: 12/09/2009 1420
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 25
Date Analyzed: 12/12/2009 2256
Date Prepared: 12/12/2009 2256

Analysis Batch: 680-156020

Instrument ID: MSO2
Lab File ID: o3694.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<620		620
Acetonitrile	<1000		1000
Acrolein	<500		500
Acrylonitrile	<500		500
Benzene	790		25
Dichlorobromomethane	<25		25
Bromoform	<25		25
Bromomethane	<25		25
2-Butanone (MEK)	<250		250
Carbon disulfide	<50		50
Carbon tetrachloride	2000		25
Chlorobenzene	29		25
2-Chloro-1,3-butadiene	<25		25
Chloroethane	<25		25
Chloroform	310		25
Chloromethane	<25		25
3-Chloro-1-propene	<25		25
Chlorodibromomethane	<25		25
1,2-Dibromo-3-Chloropropane	<25		25
Ethylene Dibromide	<25		25
Dibromomethane	<25		25
trans-1,4-Dichloro-2-butene	<50		50
Dichlorodifluoromethane	<25		25
1,1-Dichloroethane	<25		25
1,2-Dichloroethane	<25		25
cis-1,2-Dichloroethene	<25		25
trans-1,2-Dichloroethene	<25		25
1,1-Dichloroethene	<25		25
1,2-Dichloropropane	<25		25
cis-1,3-Dichloropropene	<25		25
trans-1,3-Dichloropropene	<25		25
Ethylbenzene	<25		25
Ethyl methacrylate	<25		25
2-Hexanone	<250		250
Iodomethane	<120		120
Isobutyl alcohol	<1000		1000
Methacrylonitrile	<500		500
Methylene Chloride	<120		120
Methyl methacrylate	<25		25
4-Methyl-2-pentanone (MIBK)	<250		250
Pentachloroethane	<120		120
Propionitrile	<500		500
Styrene	<25		25
1,1,1,2-Tetrachloroethane	<25		25
1,1,2,2-Tetrachloroethane	<25		25
Tetrachloroethene	<25		25

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW13-120909

Lab Sample ID: 680-53419-25
Client Matrix: Water

Date Sampled: 12/09/2009 1420
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o3694.d
Dilution:	25		Initial Weight/Volume: 5 mL
Date Analyzed:	12/12/2009 2256		Final Weight/Volume: 5 mL
Date Prepared:	12/12/2009 2256		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<25		25
1,1,1-Trichloroethane	<25		25
1,1,2-Trichloroethane	<25		25
Trichloroethene	<25		25
Trichlorofluoromethane	<25		25
1,2,3-Trichloropropane	<25		25
Vinyl acetate	<50		50
Vinyl chloride	<25		25
Xylenes, Total	<50		50

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		75 - 120
Dibromofluoromethane	104		75 - 121
Toluene-d8 (Surr)	106		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW14-120909

Lab Sample ID: 680-53419-26
Client Matrix: Water

Date Sampled: 12/09/2009 1353
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/13/2009 1735
Date Prepared: 12/13/2009 1735

Analysis Batch: 680-156022

Instrument ID: MSO
Lab File ID: o3727.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW14-120909

Lab Sample ID: 680-53419-26
Client Matrix: Water

Date Sampled: 12/09/2009 1353
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3727.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1735			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1735				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		75 - 120
Dibromofluoromethane	96		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW15-120909

Lab Sample ID: 680-53419-27
Client Matrix: Water

Date Sampled: 12/09/2009 1258
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3723.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1636			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1636				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW15-120909

Lab Sample ID: 680-53419-27
Client Matrix: Water

Date Sampled: 12/09/2009 1258
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3723.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1636			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1636				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		75 - 120
Dibromofluoromethane	99		75 - 121
Toluene-d8 (Surr)	105		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW16-120909

Lab Sample ID: 680-53419-28
Client Matrix: Water

Date Sampled: 12/09/2009 1250
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o3700.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 0022		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 0022		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW16-120909

Lab Sample ID: 680-53419-28
Client Matrix: Water

Date Sampled: 12/09/2009 1250
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3700.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0022			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0022				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	107		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW17-121009

Lab Sample ID: 680-53419-29
Client Matrix: Water

Date Sampled: 12/10/2009 0903
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3729.d
Dilution:	500			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1804			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1804				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<12000		12000
Acetonitrile	<20000		20000
Acrolein	<10000		10000
Acrylonitrile	<10000		10000
Benzene	4500		500
Dichlorobromomethane	<500		500
Bromoform	<500		500
Bromomethane	<500		500
2-Butanone (MEK)	<5000		5000
Carbon disulfide	<1000		1000
Carbon tetrachloride	54000		500
Chlorobenzene	1200		500
2-Chloro-1,3-butadiene	<500		500
Chloroethane	<500		500
Chloroform	7100		500
Chloromethane	<500		500
3-Chloro-1-propene	<500		500
Chlorodibromomethane	<500		500
1,2-Dibromo-3-Chloropropane	<500		500
Ethylene Dibromide	<500		500
Dibromomethane	<500		500
trans-1,4-Dichloro-2-butene	<1000		1000
Dichlorodifluoromethane	<500		500
1,1-Dichloroethane	<500		500
1,2-Dichloroethane	<500		500
cis-1,2-Dichloroethene	<500		500
trans-1,2-Dichloroethene	<500		500
1,1-Dichloroethene	<500		500
1,2-Dichloropropane	<500		500
cis-1,3-Dichloropropene	<500		500
trans-1,3-Dichloropropene	<500		500
Ethylbenzene	<500		500
Ethyl methacrylate	<500		500
2-Hexanone	<5000		5000
Iodomethane	<2500		2500
Isobutyl alcohol	<20000		20000
Methacrylonitrile	<10000		10000
Methylene Chloride	<2500		2500
Methyl methacrylate	<500		500
4-Methyl-2-pentanone (MIBK)	<5000		5000
Pentachloroethane	<2500		2500
Propionitrile	<10000		10000
Styrene	<500		500
1,1,1,2-Tetrachloroethane	<500		500
1,1,2,2-Tetrachloroethane	<500		500
Tetrachloroethene	<500		500

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW17-121009

Lab Sample ID: 680-53419-29
Client Matrix: Water

Date Sampled: 12/10/2009 0903
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o3729.d
Dilution:	500		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 1804		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 1804		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<500		500
1,1,1-Trichloroethane	<500		500
1,1,2-Trichloroethane	<500		500
Trichloroethene	<500		500
Trichlorofluoromethane	<500		500
1,2,3-Trichloropropane	<500		500
Vinyl acetate	<1000		1000
Vinyl chloride	<500		500
Xylenes, Total	<1000		1000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		75 - 120
Dibromofluoromethane	100		75 - 121
Toluene-d8 (Surr)	107		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW18-120909

Lab Sample ID: 680-53419-30
Client Matrix: Water

Date Sampled: 12/09/2009 1109
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3704.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0120			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0120				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	21		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW18-120909

Lab Sample ID: 680-53419-30
Client Matrix: Water

Date Sampled: 12/09/2009 1109
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3704.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0120			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0120				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	109		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW19-120909

Lab Sample ID: 680-53419-31
Client Matrix: Water

Date Sampled: 12/09/2009 1145
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o3706.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 0149		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 0149		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	64		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	4.5		1.0
Chlorobenzene	12		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	2.9		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	2.4		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-MW19-120909

Lab Sample ID: 680-53419-31
Client Matrix: Water

Date Sampled: 12/09/2009 1145
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3706.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0149			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0149				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	2.4		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	2.2		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		75 - 120
Dibromofluoromethane	104		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-RS01-120709

Lab Sample ID: 680-53419-32
Client Matrix: Water

Date Sampled: 12/07/2009 1540
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/13/2009 0218
Date Prepared: 12/13/2009 0218

Analysis Batch: 680-156020

Instrument ID: MSO2
Lab File ID: o3708.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-RS01-120709

Lab Sample ID: 680-53419-32
Client Matrix: Water

Date Sampled: 12/07/2009 1540
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3708.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0218			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0218				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	104		75 - 121
Toluene-d8 (Surr)	107		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-CMOO-120709

Lab Sample ID: 680-53419-33
Client Matrix: Water

Date Sampled: 12/07/2009 1535
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3710.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0247			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0247				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-CMOO-120709

Lab Sample ID: 680-53419-33
Client Matrix: Water

Date Sampled: 12/07/2009 1535
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3710.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0247			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0247				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	109		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-RS02-120809

Lab Sample ID: 680-53419-34
Client Matrix: Water

Date Sampled: 12/08/2009 1000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3712.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0316			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0316				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	4.5		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: **HER-RS02-120809**

Lab Sample ID: 680-53419-34
Client Matrix: Water

Date Sampled: 12/08/2009 1000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3712.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0316			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0316				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		75 - 120
Dibromofluoromethane	98		75 - 121
Toluene-d8 (Surr)	105		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD01-120909

Lab Sample ID: 680-53419-35
Client Matrix: Water

Date Sampled: 12/09/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3714.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0345			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0345				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD01-120909

Lab Sample ID: 680-53419-35
Client Matrix: Water

Date Sampled: 12/09/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o3714.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 0345		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 0345		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	107		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-RS03-120909

Lab Sample ID: 680-53419-36
Client Matrix: Water

Date Sampled: 12/09/2009 1030
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3716.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0414			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0414				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-RS03-120909

Lab Sample ID: 680-53419-36
Client Matrix: Water

Date Sampled: 12/09/2009 1030
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/13/2009 0414
Date Prepared: 12/13/2009 0414

Analysis Batch: 680-156020

Instrument ID: MSO2
Lab File ID: o3716.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		75 - 120
Dibromofluoromethane	99		75 - 121
Toluene-d8 (Surr)	109		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD02-120909

Lab Sample ID: 680-53419-37
Client Matrix: Water

Date Sampled: 12/09/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156021		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3713.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0330			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0330				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	640	E	1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	2100	E	1.0
Chlorobenzene	38		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	500	E	1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	3.8		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	2.4		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	2.1		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	1.5		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD02-120909

Lab Sample ID: 680-53419-37
Client Matrix: Water

Date Sampled: 12/09/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156021	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o3713.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 0330		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 0330		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	1.5		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	1.5		1.0
Xylenes, Total	7.4		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		75 - 120
Dibromofluoromethane	126	X	75 - 121
Toluene-d8 (Surr)	114		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD02-120909

Lab Sample ID: 680-53419-37
Client Matrix: Water

Date Sampled: 12/09/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3731.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1833	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1833				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<1200		1200
Acetonitrile	<2000		2000
Acrolein	<1000		1000
Acrylonitrile	<1000		1000
Benzene	990	D	50
Dichlorobromomethane	<50		50
Bromoform	<50		50
Bromomethane	<50		50
2-Butanone (MEK)	<500		500
Carbon disulfide	<100		100
Carbon tetrachloride	2300	D	50
Chlorobenzene	<50		50
2-Chloro-1,3-butadiene	<50		50
Chloroethane	<50		50
Chloroform	370	D	50
Chloromethane	<50		50
3-Chloro-1-propene	<50		50
Chlorodibromomethane	<50		50
1,2-Dibromo-3-Chloropropane	<50		50
Ethylene Dibromide	<50		50
Dibromomethane	<50		50
trans-1,4-Dichloro-2-butene	<100		100
Dichlorodifluoromethane	<50		50
1,1-Dichloroethane	<50		50
1,2-Dichloroethane	<50		50
cis-1,2-Dichloroethene	<50		50
trans-1,2-Dichloroethene	<50		50
1,1-Dichloroethene	<50		50
1,2-Dichloropropane	<50		50
cis-1,3-Dichloropropene	<50		50
trans-1,3-Dichloropropene	<50		50
Ethylbenzene	<50		50
Ethyl methacrylate	<50		50
2-Hexanone	<500		500
Iodomethane	<250		250
Isobutyl alcohol	<2000		2000
Methacrylonitrile	<1000		1000
Methylene Chloride	<250		250
Methyl methacrylate	<50		50
4-Methyl-2-pentanone (MIBK)	<500		500
Pentachloroethane	<250		250
Propionitrile	<1000		1000
Styrene	<50		50
1,1,1,2-Tetrachloroethane	<50		50
1,1,2,2-Tetrachloroethane	<50		50
Tetrachloroethene	<50		50

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD02-120909

Lab Sample ID: 680-53419-37
Client Matrix: Water

Date Sampled: 12/09/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3731.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1833	Run Type:	DL	Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1833				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<50		50
1,1,1-Trichloroethane	<50		50
1,1,2-Trichloroethane	<50		50
Trichloroethene	<50		50
Trichlorofluoromethane	<50		50
1,2,3-Trichloropropane	<50		50
Vinyl acetate	<100		100
Vinyl chloride	<50		50
Xylenes, Total	<100		100

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	98		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD03-121009

Lab Sample ID: 680-53419-38
Client Matrix: Water

Date Sampled: 12/10/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o3733.d
Dilution:	500		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 1902		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 1902		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<12000		12000
Acetonitrile	<20000		20000
Acrolein	<10000		10000
Acrylonitrile	<10000		10000
Benzene	4100		500
Dichlorobromomethane	<500		500
Bromoform	<500		500
Bromomethane	<500		500
2-Butanone (MEK)	<5000		5000
Carbon disulfide	<1000		1000
Carbon tetrachloride	50000		500
Chlorobenzene	1100		500
2-Chloro-1,3-butadiene	<500		500
Chloroethane	<500		500
Chloroform	6400		500
Chloromethane	<500		500
3-Chloro-1-propene	<500		500
Chlorodibromomethane	<500		500
1,2-Dibromo-3-Chloropropane	<500		500
Ethylene Dibromide	<500		500
Dibromomethane	<500		500
trans-1,4-Dichloro-2-butene	<1000		1000
Dichlorodifluoromethane	<500		500
1,1-Dichloroethane	<500		500
1,2-Dichloroethane	<500		500
cis-1,2-Dichloroethene	<500		500
trans-1,2-Dichloroethene	<500		500
1,1-Dichloroethene	<500		500
1,2-Dichloropropane	<500		500
cis-1,3-Dichloropropene	<500		500
trans-1,3-Dichloropropene	<500		500
Ethylbenzene	<500		500
Ethyl methacrylate	<500		500
2-Hexanone	<5000		5000
Iodomethane	<2500		2500
Isobutyl alcohol	<20000		20000
Methacrylonitrile	<10000		10000
Methylene Chloride	<2500		2500
Methyl methacrylate	<500		500
4-Methyl-2-pentanone (MIBK)	<5000		5000
Pentachloroethane	<2500		2500
Propionitrile	<10000		10000
Styrene	<500		500
1,1,1,2-Tetrachloroethane	<500		500
1,1,2,2-Tetrachloroethane	<500		500
Tetrachloroethene	<500		500

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-FD03-121009

Lab Sample ID: 680-53419-38
Client Matrix: Water

Date Sampled: 12/10/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o3733.d
Dilution:	500		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 1902		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 1902		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<500		500
1,1,1-Trichloroethane	<500		500
1,1,2-Trichloroethane	<500		500
Trichloroethene	<500		500
Trichlorofluoromethane	<500		500
1,2,3-Trichloropropane	<500		500
Vinyl acetate	<1000		1000
Vinyl chloride	<500		500
Xylenes, Total	<1000		1000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	100		75 - 121
Toluene-d8 (Surr)	106		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-RS04-121009

Lab Sample ID: 680-53419-39
Client Matrix: Water

Date Sampled: 12/10/2009 0830
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3725.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1706			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1706				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: HER-RS04-121009

Lab Sample ID: 680-53419-39
Client Matrix: Water

Date Sampled: 12/10/2009 0830
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156022		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o3725.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1706			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1706				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		75 - 120
Dibromofluoromethane	97		75 - 121
Toluene-d8 (Surr)	105		75 - 120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: Trip Blank

Lab Sample ID: 680-53419-40
Client Matrix: Water

Date Sampled: 12/10/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o3690.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 2158			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 2158				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-53419-40
Client Matrix: Water

Date Sampled: 12/10/2009 0000
Date Received: 12/11/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-156020	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o3690.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/12/2009 2158		Final Weight/Volume: 5 mL
Date Prepared:	12/12/2009 2158		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		75 - 120
Dibromofluoromethane	104		75 - 121
Toluene-d8 (Surr)	103		75 - 120

DATA REPORTING QUALIFIERS

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Section	Qualifier	Description
GC/MS VOA		
	F	MS or MSD exceeds the control limits
	E	Result exceeded calibration range.
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

QUALITY CONTROL RESULTS

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-155965					
LCS 680-155965/5	Lab Control Sample	T	Water	8260B	
LCSD 680-155965/6	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-155965/8	Method Blank	T	Water	8260B	
680-53419-20	HER-MW08-121009	T	Water	8260B	
680-53419-22	HER-MW10-120909	T	Water	8260B	
680-53419-23	HER-MW11-120909	T	Water	8260B	
Analysis Batch:680-155966					
LCS 680-155966/5	Lab Control Sample	T	Water	8260B	
LCSD 680-155966/6	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-155966/8	Method Blank	T	Water	8260B	
680-53419-9	HER-CM01-120709	T	Water	8260B	
680-53419-10	HER-CM02-120709	T	Water	8260B	
680-53419-11	HER-CM03-120709	T	Water	8260B	
680-53419-12	HER-CM04-120709	T	Water	8260B	
680-53419-13	HER-CM05-120709	T	Water	8260B	
680-53419-14	HER-MW02-120809	T	Water	8260B	
680-53419-14MS	Matrix Spike	T	Water	8260B	
680-53419-14MSD	Matrix Spike Duplicate	T	Water	8260B	
680-53419-15	HER-MW03-120809	T	Water	8260B	
680-53419-16	HER-MW04-120909	T	Water	8260B	
Analysis Batch:680-156020					
LCS 680-156020/11	Lab Control Sample	T	Water	8260B	
LCSD 680-156020/12	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-156020/14	Method Blank	T	Water	8260B	
680-53419-24	HER-MW12-120909	T	Water	8260B	
680-53419-25	HER-MW13-120909	T	Water	8260B	
680-53419-28	HER-MW16-120909	T	Water	8260B	
680-53419-30	HER-MW18-120909	T	Water	8260B	
680-53419-31	HER-MW19-120909	T	Water	8260B	
680-53419-32	HER-RS01-120709	T	Water	8260B	
680-53419-33	HER-CMOO-120709	T	Water	8260B	
680-53419-34	HER-RS02-120809	T	Water	8260B	
680-53419-35	HER-FD01-120909	T	Water	8260B	
680-53419-36	HER-RS03-120909	T	Water	8260B	
680-53419-40	Trip Blank	T	Water	8260B	

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-156021					
LCS 680-156021/8	Lab Control Sample	T	Water	8260B	
LCSD 680-156021/9	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-156021/11	Method Blank	T	Water	8260B	
680-53419-17	HER-MW05-120909	T	Water	8260B	
680-53419-18	HER-MW06-120909	T	Water	8260B	
680-53419-19	HER-MW07-120909	T	Water	8260B	
680-53419-19MS	Matrix Spike	T	Water	8260B	
680-53419-19MSD	Matrix Spike Duplicate	T	Water	8260B	
680-53419-21	HER-MW09-121009	T	Water	8260B	
680-53419-37	HER-FD02-120909	T	Water	8260B	
Analysis Batch:680-156022					
LCS 680-156022/11	Lab Control Sample	T	Water	8260B	
LCSD 680-156022/12	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-156022/14	Method Blank	T	Water	8260B	
680-53419-26	HER-MW14-120909	T	Water	8260B	
680-53419-27	HER-MW15-120909	T	Water	8260B	
680-53419-29	HER-MW17-121009	T	Water	8260B	
680-53419-37DL	HER-FD02-120909	T	Water	8260B	
680-53419-38	HER-FD03-121009	T	Water	8260B	
680-53419-39	HER-RS04-121009	T	Water	8260B	

Report Basis
T = Total

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-53419-9	HER-CM01-120709	108	105	105
680-53419-10	HER-CM02-120709	109	104	105
680-53419-11	HER-CM03-120709	108	104	106
680-53419-12	HER-CM04-120709	107	103	104
680-53419-13	HER-CM05-120709	108	102	108
680-53419-14	HER-MW02-120809	105	100	106
680-53419-15	HER-MW03-120809	107	102	105
680-53419-16	HER-MW04-120909	105	100	105
680-53419-17	HER-MW05-120909	107	103	104
680-53419-18	HER-MW06-120909	110	99	104
680-53419-19	HER-MW07-120909	105	100	103
680-53419-20	HER-MW08-121009	107	102	105
680-53419-21	HER-MW09-121009	107	101	104
680-53419-22	HER-MW10-120909	107	97	106
680-53419-23	HER-MW11-120909	106	100	105
680-53419-24	HER-MW12-120909	109	103	104
680-53419-25	HER-MW13-120909	106	104	106
680-53419-26	HER-MW14-120909	108	96	104
680-53419-27	HER-MW15-120909	108	99	105
680-53419-28	HER-MW16-120909	108	102	107
680-53419-29	HER-MW17-121009	108	100	107
680-53419-30	HER-MW18-120909	107	101	109
680-53419-31	HER-MW19-120909	108	104	104
680-53419-32	HER-RS01-120709	107	104	107
680-53419-33	HER-CMOO-120709	106	101	109
680-53419-34	HER-RS02-120809	106	98	105
680-53419-35	HER-FD01-120909	108	101	107
680-53419-36	HER-RS03-120909	109	99	109
680-53419-37	HER-FD02-120909	109	126X	114

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	75-120
DBFM = Dibromofluoromethane	75-121
TOL = Toluene-d8 (Surr)	75-120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-53419-37 DL	HER-FD02-120909 DL	107	98	104
680-53419-38	HER-FD03-121009	107	100	106
680-53419-39	HER-RS04-121009	105	97	105
680-53419-40	Trip Blank	106	104	103
MB 680-155965/8		107	99	105
MB 680-155966/8		107	104	105
MB 680-156020/14		109	104	105
MB 680-156021/11		108	102	104
MB 680-156022/14		107	101	104
LCS 680-155965/5		105	107	106
LCS 680-155966/5		107	104	106
LCS 680-156020/11		107	107	103
LCS 680-156021/8		105	109	108
LCS 680-156022/11		102	102	103
LCSD 680-155965/6		106	105	106
LCSD 680-155966/6		104	102	105
LCSD 680-156020/12		109	107	105
LCSD 680-156021/9		105	105	105
LCSD 680-156022/12		105	108	105
680-53419-14 MS	HER-MW02-120809 MS	105	103	107
680-53419-19 MS	HER-MW07-120909 MS	105	103	107
680-53419-14 MSD	HER-MW02-120809 MSD	106	106	105
680-53419-19 MSD	HER-MW07-120909 MSD	105	106	107

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	75-120
DBFM = Dibromofluoromethane	75-121
TOL = Toluene-d8 (Surr)	75-120

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-155965

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-155965/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/11/2009 1248
Date Prepared: 12/11/2009 1248

Analysis Batch: 680-155965
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq661.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-155965

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-155965/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/11/2009 1248
Date Prepared: 12/11/2009 1248

Analysis Batch: 680-155965
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq661.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	107	75 - 120
Dibromofluoromethane	99	75 - 121
Toluene-d8 (Surr)	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-155965

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-155965/5	Analysis Batch:	680-155965	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq653.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1052			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1052				

LCSD Lab Sample ID:	LCSD 680-155965/6	Analysis Batch:	680-155965	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq655.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1121			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1121				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	99	96	17 - 175	2	50		
Benzene	102	101	77 - 119	1	30		
Dichlorobromomethane	109	108	78 - 127	1	30		
Bromoform	100	102	62 - 133	1	30		
Bromomethane	102	102	12 - 184	1	50		
2-Butanone (MEK)	101	101	33 - 157	0	30		
Carbon disulfide	108	107	55 - 131	2	30		
Carbon tetrachloride	104	102	71 - 135	2	30		
Chlorobenzene	103	105	85 - 116	2	30		
Chloroethane	111	95	40 - 165	15	50		
Chloroform	105	105	82 - 120	0	30		
Chloromethane	99	97	48 - 142	2	50		
Chlorodibromomethane	114	115	75 - 133	1	30		
1,2-Dibromo-3-Chloropropane	111	111	49 - 140	0	30		
Ethylene Dibromide	105	104	80 - 121	1	30		
Dibromomethane	102	105	78 - 119	3	30		
Dichlorodifluoromethane	87	85	34 - 154	2	30		
1,1-Dichloroethane	104	104	74 - 127	1	30		
1,2-Dichloroethane	98	99	66 - 132	1	30		
cis-1,2-Dichloroethene	105	107	69 - 134	3	30		
trans-1,2-Dichloroethene	105	104	72 - 131	1	30		
1,1-Dichloroethene	89	89	62 - 141	0	30		
1,2-Dichloropropane	102	100	73 - 124	1	30		
cis-1,3-Dichloropropene	112	111	76 - 126	1	30		
trans-1,3-Dichloropropene	114	114	73 - 128	0	30		
Ethylbenzene	109	111	86 - 116	2	30		
2-Hexanone	104	105	34 - 161	1	30		
Methylene Chloride	104	105	70 - 125	2	30		
4-Methyl-2-pentanone (MIBK)	105	106	40 - 151	1	30		
Styrene	108	109	82 - 122	1	30		
1,1,1,2-Tetrachloroethane	115	115	81 - 128	0	30		
1,1,2,2-Tetrachloroethane	103	104	69 - 129	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-155965

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-155965/5	Analysis Batch:	680-155965	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq653.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1052			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1052				

LCSD Lab Sample ID:	LCSD 680-155965/6	Analysis Batch:	680-155965	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq655.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1121			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1121				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	107	111	76 - 126	3	30		
Toluene	106	105	81 - 117	0	30		
1,1,1-Trichloroethane	110	109	76 - 127	1	30		
1,1,2-Trichloroethane	100	100	75 - 121	0	30		
Trichloroethene	105	105	84 - 115	0	30		
Trichlorofluoromethane	106	104	58 - 149	3	50		
1,2,3-Trichloropropane	100	100	70 - 130	0	30		
Vinyl acetate	125	126	10 - 217	0	30		
Vinyl chloride	91	90	59 - 144	2	50		
Xylenes, Total	109	110	84 - 118	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	105	106	75 - 120
Dibromofluoromethane	107	105	75 - 121
Toluene-d8 (Surr)	106	106	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-155966

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-155966/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/11/2009 1303
Date Prepared: 12/11/2009 1303

Analysis Batch: 680-155966
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq662.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-155966

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-155966/8	Analysis Batch:	680-155966	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq662.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1303			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1303				

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	107	75 - 120
Dibromofluoromethane	104	75 - 121
Toluene-d8 (Surr)	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-155966

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-155966/5	Analysis Batch:	680-155966	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq652.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1022			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1022				

LCSD Lab Sample ID:	LCSD 680-155966/6	Analysis Batch:	680-155966	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq654.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1107			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1107				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	105	103	17 - 175	2	50		
Benzene	102	101	77 - 119	1	30		
Dichlorobromomethane	107	106	78 - 127	2	30		
Bromoform	93	91	62 - 133	2	30		
Bromomethane	111	108	12 - 184	3	50		
2-Butanone (MEK)	106	98	33 - 157	8	30		
Carbon disulfide	109	103	55 - 131	5	30		
Carbon tetrachloride	107	101	71 - 135	6	30		
Chlorobenzene	106	102	85 - 116	3	30		
Chloroethane	100	93	40 - 165	7	50		
Chloroform	106	104	82 - 120	2	30		
Chloromethane	86	86	48 - 142	0	50		
Chlorodibromomethane	114	110	75 - 133	4	30		
1,2-Dibromo-3-Chloropropane	103	98	49 - 140	5	30		
Ethylene Dibromide	103	102	80 - 121	1	30		
Dibromomethane	102	98	78 - 119	4	30		
Dichlorodifluoromethane	91	88	34 - 154	3	30		
1,1-Dichloroethane	107	101	74 - 127	5	30		
1,2-Dichloroethane	98	93	66 - 132	5	30		
cis-1,2-Dichloroethene	105	102	69 - 134	4	30		
trans-1,2-Dichloroethene	94	91	72 - 131	4	30		
1,1-Dichloroethene	92	87	62 - 141	6	30		
1,2-Dichloropropane	103	97	73 - 124	6	30		
cis-1,3-Dichloropropene	110	107	76 - 126	3	30		
trans-1,3-Dichloropropene	112	109	73 - 128	3	30		
Ethylbenzene	110	108	86 - 116	3	30		
2-Hexanone	110	106	34 - 161	4	30		
Methylene Chloride	103	98	70 - 125	5	30		
4-Methyl-2-pentanone (MIBK)	107	104	40 - 151	2	30		
Styrene	111	107	82 - 122	3	30		
1,1,1,2-Tetrachloroethane	113	112	81 - 128	1	30		
1,1,2,2-Tetrachloroethane	107	106	69 - 129	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-155966

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-155966/5	Analysis Batch:	680-155966	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq652.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1022			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1022				

LCSD Lab Sample ID:	LCSD 680-155966/6	Analysis Batch:	680-155966	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq654.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/11/2009 1107			Final Weight/Volume:	5 mL
Date Prepared:	12/11/2009 1107				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	110	107	76 - 126	3	30		
Toluene	105	104	81 - 117	1	30		
1,1,1-Trichloroethane	113	109	76 - 127	3	30		
1,1,2-Trichloroethane	102	97	75 - 121	5	30		
Trichloroethene	106	102	84 - 115	4	30		
Trichlorofluoromethane	94	90	58 - 149	5	50		
1,2,3-Trichloropropane	107	102	70 - 130	5	30		
Vinyl acetate	131	126	10 - 217	4	30		
Vinyl chloride	96	92	59 - 144	5	50		
Xylenes, Total	112	106	84 - 118	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	107	104	75 - 120
Dibromofluoromethane	104	102	75 - 121
Toluene-d8 (Surr)	106	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-155966

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-53419-14	Analysis Batch: 680-155966	Instrument ID: GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o3682.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/11/2009 1920		Final Weight/Volume: 5 mL
Date Prepared:	12/11/2009 1920		

MSD Lab Sample ID:	680-53419-14	Analysis Batch: 680-155966	Instrument ID: GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o3684.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/11/2009 1949		Final Weight/Volume: 5 mL
Date Prepared:	12/11/2009 1949		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	95	101	17 - 175	6	50		
Benzene	109	106	77 - 119	3	30		
Dichlorobromomethane	108	106	78 - 127	2	30		
Bromoform	94	93	62 - 133	0	30		
Bromomethane	112	121	12 - 184	7	50		
2-Butanone (MEK)	95	99	33 - 157	4	30		
Carbon disulfide	92	94	55 - 131	2	30		
Carbon tetrachloride	111	108	71 - 135	2	30		
Chlorobenzene	107	108	85 - 116	1	30		
Chloroethane	105	105	40 - 165	0	50		
Chloroform	113	114	82 - 120	1	30		
Chloromethane	90	90	48 - 142	0	50		
Chlorodibromomethane	109	111	75 - 133	1	30		
1,2-Dibromo-3-Chloropropane	91	93	49 - 140	3	30		
Ethylene Dibromide	101	99	80 - 121	3	30		
Dibromomethane	99	97	78 - 119	2	30		
Dichlorodifluoromethane	101	100	34 - 154	1	30		
1,1-Dichloroethane	101	103	74 - 127	2	30		
1,2-Dichloroethane	101	96	66 - 132	5	30		
cis-1,2-Dichloroethene	102	104	69 - 134	2	30		
trans-1,2-Dichloroethene	92	91	72 - 131	1	30		
1,1-Dichloroethene	86	88	62 - 141	2	30		
1,2-Dichloropropane	101	98	73 - 124	3	30		
cis-1,3-Dichloropropene	105	103	76 - 126	1	30		
trans-1,3-Dichloropropene	106	104	73 - 128	3	30		
Ethylbenzene	114	113	86 - 116	1	30		
2-Hexanone	103	104	34 - 161	1	30		
Methylene Chloride	104	103	70 - 125	0	30		
4-Methyl-2-pentanone (MIBK)	103	99	40 - 151	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-155966

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-53419-14	Analysis Batch: 680-155966	Instrument ID: GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o3682.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/11/2009 1920		Final Weight/Volume: 5 mL
Date Prepared:	12/11/2009 1920		

MSD Lab Sample ID:	680-53419-14	Analysis Batch: 680-155966	Instrument ID: GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o3684.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/11/2009 1949		Final Weight/Volume: 5 mL
Date Prepared:	12/11/2009 1949		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	111	111	82 - 122	1	30		
1,1,1,2-Tetrachloroethane	113	113	81 - 128	1	30		
1,1,2,2-Tetrachloroethane	100	99	69 - 129	1	30		
Tetrachloroethene	108	109	76 - 126	1	30		
Toluene	108	105	81 - 117	3	30		
1,1,1-Trichloroethane	108	106	76 - 127	2	30		
1,1,2-Trichloroethane	101	97	75 - 121	5	30		
Trichloroethene	112	111	84 - 115	1	30		
Trichlorofluoromethane	102	101	58 - 149	1	50		
1,2,3-Trichloropropane	102	102	70 - 130	0	30		
Vinyl acetate	132	134	10 - 217	2	30		
Vinyl chloride	97	97	59 - 144	0	50		
Xylenes, Total	113	112	84 - 118	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	105	106	75 - 120
Dibromofluoromethane	103	106	75 - 121
Toluene-d8 (Surr)	107	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-156020

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-156020/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/12/2009 2100
Date Prepared: 12/12/2009 2100

Analysis Batch: 680-156020
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq680.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-156020

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-156020/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/12/2009 2100
Date Prepared: 12/12/2009 2100

Analysis Batch: 680-156020
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq680.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	109	75 - 120
Dibromofluoromethane	104	75 - 121
Toluene-d8 (Surr)	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-156020

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-156020/11	Analysis Batch:	680-156020	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq672.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1905			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1905				

LCSD Lab Sample ID:	LCSD 680-156020/12	Analysis Batch:	680-156020	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq674.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1933			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1933				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	104	107	17 - 175	3	50		
Benzene	100	101	77 - 119	1	30		
Dichlorobromomethane	106	106	78 - 127	0	30		
Bromoform	98	100	62 - 133	2	30		
Bromomethane	109	116	12 - 184	6	50		
2-Butanone (MEK)	102	101	33 - 157	1	30		
Carbon disulfide	107	110	55 - 131	2	30		
Carbon tetrachloride	105	106	71 - 135	1	30		
Chlorobenzene	107	109	85 - 116	2	30		
Chloroethane	100	102	40 - 165	2	50		
Chloroform	107	109	82 - 120	2	30		
Chloromethane	85	87	48 - 142	3	50		
Chlorodibromomethane	118	118	75 - 133	0	30		
1,2-Dibromo-3-Chloropropane	105	104	49 - 140	1	30		
Ethylene Dibromide	102	105	80 - 121	3	30		
Dibromomethane	99	100	78 - 119	1	30		
Dichlorodifluoromethane	90	91	34 - 154	2	30		
1,1-Dichloroethane	105	107	74 - 127	2	30		
1,2-Dichloroethane	93	93	66 - 132	0	30		
cis-1,2-Dichloroethene	105	110	69 - 134	5	30		
trans-1,2-Dichloroethene	94	96	72 - 131	2	30		
1,1-Dichloroethene	92	94	62 - 141	2	30		
1,2-Dichloropropane	96	97	73 - 124	2	30		
cis-1,3-Dichloropropene	107	108	76 - 126	0	30		
trans-1,3-Dichloropropene	108	110	73 - 128	1	30		
Ethylbenzene	110	112	86 - 116	2	30		
2-Hexanone	107	109	34 - 161	2	30		
Methylene Chloride	103	104	70 - 125	1	30		
4-Methyl-2-pentanone (MIBK)	101	101	40 - 151	0	30		
Styrene	110	111	82 - 122	2	30		
1,1,1,2-Tetrachloroethane	116	119	81 - 128	2	30		
1,1,2,2-Tetrachloroethane	108	109	69 - 129	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-156020

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-156020/11	Analysis Batch:	680-156020	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq672.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1905			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1905				

LCSD Lab Sample ID:	LCSD 680-156020/12	Analysis Batch:	680-156020	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq674.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1933			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1933				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	111	113	76 - 126	2	30		
Toluene	102	103	81 - 117	1	30		
1,1,1-Trichloroethane	107	108	76 - 127	0	30		
1,1,2-Trichloroethane	98	101	75 - 121	3	30		
Trichloroethene	104	105	84 - 115	2	30		
Trichlorofluoromethane	93	96	58 - 149	3	50		
1,2,3-Trichloropropane	108	108	70 - 130	0	30		
Vinyl acetate	127	126	10 - 217	1	30		
Vinyl chloride	96	98	59 - 144	2	50		
Xylenes, Total	110	113	84 - 118	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	107	109	75 - 120
Dibromofluoromethane	107	107	75 - 121
Toluene-d8 (Surr)	103	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-156021

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-156021/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/12/2009 2046
Date Prepared: 12/12/2009 2046

Analysis Batch: 680-156021
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq679.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-156021

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-156021/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/12/2009 2046
Date Prepared: 12/12/2009 2046

Analysis Batch: 680-156021
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq679.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	108	75 - 120
Dibromofluoromethane	102	75 - 121
Toluene-d8 (Surr)	104	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-156021

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-156021/8	Analysis Batch:	680-156021	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq671.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1850			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1850				

LCSD Lab Sample ID:	LCSD 680-156021/9	Analysis Batch:	680-156021	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq673.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1919			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1919				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	101	93	17 - 175	8	50		
Benzene	101	100	77 - 119	1	30		
Dichlorobromomethane	111	107	78 - 127	4	30		
Bromoform	103	103	62 - 133	0	30		
Bromomethane	96	88	12 - 184	9	50		
2-Butanone (MEK)	105	98	33 - 157	6	30		
Carbon disulfide	111	106	55 - 131	4	30		
Carbon tetrachloride	104	103	71 - 135	1	30		
Chlorobenzene	105	104	85 - 116	1	30		
Chloroethane	129	92	40 - 165	33	50		
Chloroform	106	105	82 - 120	2	30		
Chloromethane	101	93	48 - 142	8	50		
Chlorodibromomethane	116	115	75 - 133	1	30		
1,2-Dibromo-3-Chloropropane	113	113	49 - 140	0	30		
Ethylene Dibromide	105	103	80 - 121	2	30		
Dibromomethane	104	103	78 - 119	2	30		
Dichlorodifluoromethane	87	86	34 - 154	1	30		
1,1-Dichloroethane	107	103	74 - 127	3	30		
1,2-Dichloroethane	98	96	66 - 132	2	30		
cis-1,2-Dichloroethene	109	108	69 - 134	1	30		
trans-1,2-Dichloroethene	109	105	72 - 131	4	30		
1,1-Dichloroethene	93	90	62 - 141	4	30		
1,2-Dichloropropane	102	100	73 - 124	2	30		
cis-1,3-Dichloropropene	115	111	76 - 126	4	30		
trans-1,3-Dichloropropene	114	111	73 - 128	3	30		
Ethylbenzene	110	110	86 - 116	0	30		
2-Hexanone	105	100	34 - 161	5	30		
Methylene Chloride	108	104	70 - 125	4	30		
4-Methyl-2-pentanone (MIBK)	102	100	40 - 151	2	30		
Styrene	109	109	82 - 122	0	30		
1,1,1,2-Tetrachloroethane	117	116	81 - 128	1	30		
1,1,2,2-Tetrachloroethane	104	103	69 - 129	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-156021

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-156021/8	Analysis Batch:	680-156021	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq671.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1850			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1850				

LCSD Lab Sample ID:	LCSD 680-156021/9	Analysis Batch:	680-156021	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq673.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/12/2009 1919			Final Weight/Volume:	5 mL
Date Prepared:	12/12/2009 1919				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	109	110	76 - 126	0	30		
Toluene	106	105	81 - 117	1	30		
1,1,1-Trichloroethane	110	109	76 - 127	1	30		
1,1,2-Trichloroethane	100	99	75 - 121	1	30		
Trichloroethene	105	105	84 - 115	1	30		
Trichlorofluoromethane	109	103	58 - 149	5	50		
1,2,3-Trichloropropane	98	99	70 - 130	2	30		
Vinyl acetate	129	120	10 - 217	7	30		
Vinyl chloride	93	88	59 - 144	5	50		
Xylenes, Total	110	109	84 - 118	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	105	105	75 - 120
Dibromofluoromethane	109	105	75 - 121
Toluene-d8 (Surr)	108	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-156021

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-53419-19	Analysis Batch: 680-156021	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o3717.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 0428		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 0428		

MSD Lab Sample ID:	680-53419-19	Analysis Batch: 680-156021	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o3719.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/13/2009 0457		Final Weight/Volume: 5 mL
Date Prepared:	12/13/2009 0457		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	91	99	17 - 175	9	50		
Benzene	103	103	77 - 119	0	30		
Dichlorobromomethane	111	114	78 - 127	2	30		
Bromoform	97	99	62 - 133	2	30		
Bromomethane	80	102	12 - 184	25	50		
2-Butanone (MEK)	95	99	33 - 157	4	30		
Carbon disulfide	82	85	55 - 131	4	30		
Carbon tetrachloride	104	106	71 - 135	2	30		
Chlorobenzene	108	110	85 - 116	2	30		
Chloroethane	80	124	40 - 165	44	50		
Chloroform	111	112	82 - 120	1	30		
Chloromethane	92	99	48 - 142	7	50		
Chlorodibromomethane	111	114	75 - 133	3	30		
1,2-Dibromo-3-Chloropropane	102	102	49 - 140	0	30		
Ethylene Dibromide	99	102	80 - 121	3	30		
Dibromomethane	99	101	78 - 119	2	30		
Dichlorodifluoromethane	92	93	34 - 154	1	30		
1,1-Dichloroethane	95	97	74 - 127	3	30		
1,2-Dichloroethane	102	101	66 - 132	1	30		
cis-1,2-Dichloroethene	96	100	69 - 134	5	30		
trans-1,2-Dichloroethene	93	97	72 - 131	4	30		
1,1-Dichloroethene	77	80	62 - 141	4	30		
1,2-Dichloropropane	102	101	73 - 124	1	30		
cis-1,3-Dichloropropene	105	107	76 - 126	2	30		
trans-1,3-Dichloropropene	105	107	73 - 128	2	30		
Ethylbenzene	117	117	86 - 116	0	30	F	F
2-Hexanone	99	101	34 - 161	2	30		
Methylene Chloride	97	102	70 - 125	5	30		
4-Methyl-2-pentanone (MIBK)	99	100	40 - 151	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-156021

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-53419-19	Analysis Batch:	680-156021	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	o3717.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0428			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0428				

MSD Lab Sample ID:	680-53419-19	Analysis Batch:	680-156021	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	o3719.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 0457			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 0457				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	111	113	82 - 122	2	30		
1,1,1,2-Tetrachloroethane	113	118	81 - 128	4	30		
1,1,2,2-Tetrachloroethane	94	95	69 - 129	1	30		
Tetrachloroethene	106	108	76 - 126	2	30		
Toluene	109	110	81 - 117	1	30		
1,1,1-Trichloroethane	103	105	76 - 127	2	30		
1,1,2-Trichloroethane	101	100	75 - 121	1	30		
Trichloroethene	108	110	84 - 115	2	30		
Trichlorofluoromethane	100	104	58 - 149	4	50		
1,2,3-Trichloropropane	95	96	70 - 130	1	30		
Vinyl acetate	118	124	10 - 217	5	30		
Vinyl chloride	82	85	59 - 144	4	50		
Xylenes, Total	113	114	84 - 118	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	105	105	75 - 120
Dibromofluoromethane	103	106	75 - 121
Toluene-d8 (Surr)	107	107	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-156022

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-156022/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/13/2009 1538
Date Prepared: 12/13/2009 1538

Analysis Batch: 680-156022
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq693.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Method Blank - Batch: 680-156022

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-156022/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/13/2009 1538
Date Prepared: 12/13/2009 1538

Analysis Batch: 680-156022
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq693.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	107	75 - 120
Dibromofluoromethane	101	75 - 121
Toluene-d8 (Surr)	104	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-156022

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-156022/11	Analysis Batch:	680-156022	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq685.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1342			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1342				

LCSD Lab Sample ID:	LCSD 680-156022/12	Analysis Batch:	680-156022	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq687.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1411			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1411				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	89	100	17 - 175	11	50		
Benzene	98	100	77 - 119	2	30		
Dichlorobromomethane	104	106	78 - 127	2	30		
Bromoform	100	103	62 - 133	3	30		
Bromomethane	86	104	12 - 184	19	50		
2-Butanone (MEK)	101	108	33 - 157	7	30		
Carbon disulfide	100	108	55 - 131	8	30		
Carbon tetrachloride	100	103	71 - 135	3	30		
Chlorobenzene	100	105	85 - 116	4	30		
Chloroethane	83	131	40 - 165	45	50		
Chloroform	102	106	82 - 120	5	30		
Chloromethane	91	100	48 - 142	10	50		
Chlorodibromomethane	113	116	75 - 133	3	30		
1,2-Dibromo-3-Chloropropane	111	115	49 - 140	3	30		
Ethylene Dibromide	101	104	80 - 121	3	30		
Dibromomethane	99	104	78 - 119	4	30		
Dichlorodifluoromethane	81	88	34 - 154	9	30		
1,1-Dichloroethane	99	106	74 - 127	6	30		
1,2-Dichloroethane	96	97	66 - 132	1	30		
cis-1,2-Dichloroethene	100	108	69 - 134	7	30		
trans-1,2-Dichloroethene	100	107	72 - 131	7	30		
1,1-Dichloroethene	84	92	62 - 141	9	30		
1,2-Dichloropropane	98	99	73 - 124	1	30		
cis-1,3-Dichloropropene	108	110	76 - 126	2	30		
trans-1,3-Dichloropropene	110	111	73 - 128	1	30		
Ethylbenzene	107	110	86 - 116	3	30		
2-Hexanone	103	110	34 - 161	7	30		
Methylene Chloride	98	107	70 - 125	8	30		
4-Methyl-2-pentanone (MIBK)	101	104	40 - 151	3	30		
Styrene	106	109	82 - 122	3	30		
1,1,1,2-Tetrachloroethane	112	115	81 - 128	2	30		
1,1,2,2-Tetrachloroethane	102	103	69 - 129	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Ashland Inc.

Job Number: 680-53419-1
Sdg Number:

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-156022

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-156022/11	Analysis Batch:	680-156022	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq685.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1342			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1342				

LCSD Lab Sample ID:	LCSD 680-156022/12	Analysis Batch:	680-156022	Instrument ID:	GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq687.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/13/2009 1411			Final Weight/Volume:	5 mL
Date Prepared:	12/13/2009 1411				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	106	111	76 - 126	5	30		
Toluene	101	106	81 - 117	4	30		
1,1,1-Trichloroethane	107	111	76 - 127	4	30		
1,1,2-Trichloroethane	99	100	75 - 121	1	30		
Trichloroethene	102	105	84 - 115	3	30		
Trichlorofluoromethane	99	107	58 - 149	8	50		
1,2,3-Trichloropropane	98	103	70 - 130	4	30		
Vinyl acetate	118	125	10 - 217	6	30		
Vinyl chloride	86	92	59 - 144	7	50		
Xylenes, Total	106	110	84 - 118	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	102	105	75 - 120
Dibromofluoromethane	102	108	75 - 121
Toluene-d8 (Surr)	103	105	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 028416

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Hercules / Ashland	HER 10929128	MS
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lidya Gulizia		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Tim Hassett	302-995-3456	
CLIENT NAME	CLIENT E-MAIL	
Hercules / Ashland Chemical		
CLIENT ADDRESS Hercules Research Center, 500 Hercules Rd. Wilmington, DE. 19808		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF

STANDARD REPORT DELIVERY ☒
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: Appendix IX Volatiles	NUMBER OF CONTAINERS SUBMITTED	REMARKS
								UNPRESERVATIVE		
12-7-09	1525	HER-CM01-120709	G	✓					3	Unpreserved
12-7-09	1510	HER-CM02-120709	G	✓					3	Unpreserved
12-7-09	1455	HER-CM03-120709	G	✓					3	Unpreserved
12-7-09	1440	HER-CM04-120709	G	✓					3	Unpreserved
12-7-09	1830	HER-CM05-120709	G	✓					3	Unpreserved
12-8-09	1100	HER-MW02-120809 (MS&MSD)	G	✓					9	Unpreserved (MS/MSD)
12-8-09	1005	HER-MW03-120809 ~~(MS&MSD)~~	G	✓					3	Unpreserved
12-9-09	0908	HER-MW04-120909	G	✓					3	Unpreserved (3 containers
12-9-09	1012	HER-MW05-120909	G	✓					3	Unpreserved
12-9-09	1100	HER-MW06-120909	G	✓					3	Unpreserved
12-9-09	1155	HER-MW07-120909 (MS&MSD)	G	✓					9	Unpreserved (MS&MSD)
12-10-09	0835	HER-MW08-121009	G	✓					3	Unpreserved

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12-10-09	14:30						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
Bettina Daughtry	12/11/9	0945	YES ○ NO ○		680-53419	TEMPERATURE 5.4/0.4

TAL-8240-680 (1207)

Serial Number

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

~~Mobile~~

TA Mobile
900 Lakeside Drive
Mobile, AL 36693
www.testamericainc.com
Phone: (251) 666-6633
Fax: (251) 666-6696

Alternate Laboratory Name/Location:
Test America Savannah
5102 La Roche Avenue
Savannah, GA 31404
Phone: 912-354-7858
Fax: 912-352-0165

TAL-6240 (1007)

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE: Hercules/Ashland	PROJECT NO.: HER 10929218	PROJECT LOCATION (STATE): MS	PAGE: 2 OF
(LAB) PROJECT MANAGER: Lidya Gulizia	P. O. NUMBER:	CONTRACT NO.:	STANDARD REPORT DELIVERY: X
CLIENT (SITE) PM: Tim Hassett	CLIENT PHONE: 302-995-3456	CLIENT FAX:	DATE DUE:
CLIENT NAME: Hercules/Ashland Chemical	CLIENT EMAIL:		EXPEDITED REPORT DELIVERY (SURCHARGE):
CLIENT ADDRESS: Hercules Research Center, 500 Hercules Rd. Wilmington DE. 19808			DATE DUE:
COMPANY CONTRACTING THIS WORK (if applicable):	SAMPLER'S SIGNATURE:		NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITES (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	REQUIRED ANALYSES: Appendix IX Volatiles	NONE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12-10-09	0935	HER-MW09-121009	G	X						3	Unpreserved
12-9-09	0850	HER-MW10-120909	G	X						3	Unpreserved
12-9-09	0826	HER-MW11-120909	G	X						3	Unpreserved
12-9-09	1000	HER-MW12-120909	G	X						3	Unpreserved
12-9-09	14:20	HER-MW13-120909	G	X						3	Unpreserved
12-9-09	1353	HER-MW14-120909	G	X						3	Unpreserved
12-9-09	1258	HER-MW15-120909	G	X						3	Unpreserved
12-9-09	1250	HER-MW16-120909	G	X						3	Unpreserved
12-10-09	0903	HER-MW-17-121009	G	X						3	Unpreserved
12-9-09	1109	HER-MW18-120909	G	X						3	Unpreserved
12-9-09	1145	HER-MW19-120909	G	X						3	Unpreserved
12-7-09	15:40	HER-RS01-120709	G	X						3	Unpreserved

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12-10-09	14:30						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT? YES NO	CUSTODY SEAL NO.	LOG NO.	LABORATORY REMARKS
	12-10-09	14:45				TEMPERATURE 5.4°C

Original - Return to Laboratory with Sample(s)

Serial Number

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

~~Mobile~~

TAL-8240 (1007)

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

○ TA Mobile
900 Lakeside Drive
Mobile, AL 36693

www.testamericainc.com
Phone: (251) 666-6633
Fax: (251) 666-6696

☒ Alternate Laboratory Name/Location: Test America Savannah, 5102 LaRoche Avenue, Savannah, GA 31404
Phone:
Fax:

PROJECT REFERENCE: Hercules/Ashland	PROJECT NO.: HER 10929128	PROJECT LOCATION (STATE): MS
(LAB) PROJECT MANAGER: Lidya Gulizia	P. O. NUMBER:	CONTRACT NO.:
CLIENT (SITE) PM: Tim Hassett	CLIENT PHONE: 302-995-3456	CLIENT FAX:
CLIENT NAME: Hercules/Ashland Chemical	CLIENT EMAIL:	
CLIENT ADDRESS: Hercules Research Center, 500 Hercules Rd. Wilmington DE. 19808		
COMPANY CONTRACTING THIS WORK (if applicable):	SAMPLER'S SIGNATURE: [signature]	

PAGE 3 OF

STANDARD REPORT DELIVERY ☒ DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSES: Appendix IX Volatiles (None)

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED (Appendix IX Volatiles)	REMARKS
12-7-09	1535	~~CM~~ HER-CM00-120709	G	✓				3	unpreserved
12-8-09	1000	HER-RS02-120809	G	✓				3	unpreserved
12-9-09	NA	HER-FD01-120909	G	✓				3	unpreserved
12-9-09	1030	HER-RS03-120909	G	✓				3	unpreserved
12-9-09	NA	HER-FD02-120909	G	✓				3	unpreserved
12-10-09	NA	HER-FD03-121009	G	✓				3	unpreserved
12-10-09	0830	HER-RS04-121009	G	✓				3	unpreserved
NA	NA	Trip Blank	G	✓				2	

CBB

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12-10-09	14:30						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[illegible]								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY (SIGNATURE) | DATE | TIME | CUSTODY INTACT | CUSTODY SEAL NO. | LOG NO. | LABORATORY REMARKS

TEMPERATURE [illegible]

Original - Return to Laboratory with Sample(s)

Login Sample Receipt Check List

Client: Ashland Inc.

Job Number: 680-53419-1
SDG Number:

Login Number: 53419
Creator: Daughtry, Beth
List Number: 1

List Source: TestAmerica Savannah

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2 coolers rec'd on ice.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.4 and 0.4 C
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	