Client: Ashland Inc. Job Number: 680-63585-1

Client Sample ID: ASH-CMO5-11292010

Lab Sample ID: 680-63585-6 Date Sampled: 11/29/2010 1445

Client Matrix: Water Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187749		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o0385.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1929			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1929				

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: 680-63585-1

Client Sample ID: ASH-CMO5-11292010

Lab Sample ID: 680-63585-6
Client Matrix: Water

Date Sampled: 11/29/2010 1445
Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187749		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o0385.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1929			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1929				

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	95		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	108		70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Client Sample ID: ASH-MWO3-11302010

Lab Sample ID: 680-63585-7
Client Matrix: Water

Date Sampled: 11/30/2010 1135
Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187772	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o0382.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/02/2010 1846		Final Weight/Volume: 5 mL
Date Prepared:	12/02/2010 1846		

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: 680-63585-1

Client Sample ID: **ASH-MWO3-11302010**

Lab Sample ID: 680-63585-7
Client Matrix: Water

Date Sampled: 11/30/2010 1135
Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187772	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o0382.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/02/2010 1846		Final Weight/Volume: 5 mL
Date Prepared:	12/02/2010 1846		

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	91		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Client Sample ID: **ASH-RSI-11302010**

Lab Sample ID: 680-63585-8RB
Client Matrix: Water

Date Sampled: 11/30/2010 1125
Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187772	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o0384.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/02/2010 1915		Final Weight/Volume: 5 mL
Date Prepared:	12/02/2010 1915		

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	71		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: 680-63585-1

Client Sample ID: **ASH-RSI-11302010**

Lab Sample ID: 680-63585-8RB
Client Matrix: Water

Date Sampled: 11/30/2010 1125
Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187772	Instrument ID: MSC2
Preparation:	5030B		Lab File ID: c0384.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/02/2010 1915		Final Weight/Volume: 5 mL
Date Prepared:	12/02/2010 1915		

Analyte	Result (ug/L)	Qualifier	RL
Toluene	1.9		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	90		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Client Sample ID: ASH-MW02-11302010

Lab Sample ID: 680-63585-9
Client Matrix: Water

Date Sampled: 11/30/2010 1222
Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187772		Instrument ID:	MSO2
Preparation:	5030B			Lab File ID:	o0386.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1943			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1943				

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: 680-63585-1

Client Sample ID: **ASH-MW02-11302010**

Lab Sample ID: 680-63585-9
Client Matrix: Water

Date Sampled: 11/30/2010 1222
Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187772	Instrument ID: MSO2
Preparation:	5030B		Lab File ID: o0386.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/02/2010 1943		Final Weight/Volume: 5 mL
Date Prepared:	12/02/2010 1943		

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	92		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-63585-10TB

Client Matrix: Water

Date Sampled: 11/29/2010 0000

Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Preparation: 5030B

Dilution: 1.0

Date Analyzed: 12/02/2010 1803

Date Prepared: 12/02/2010 1803

Analysis Batch: 680-187749

Instrument ID: MSO

Lab File ID: o0379.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: 680-63585-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-63585-10TB

Client Matrix: Water

Date Sampled: 11/29/2010 0000

Date Received: 12/01/2010 0940

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-187749		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o0379.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1803			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1803				

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	95		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8 (Surr)	107		70 - 130

DATA REPORTING QUALIFIERS

Client: Ashland Inc. Job Number: 680-63585-1

Lab Section	Qualifier	Description
GC/MS VOA		
	F	MS or MSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time

QUALITY CONTROL RESULTS

Client: Ashland Inc.

Job Number: 680-63585-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-187749					
LCS 680-187749/3	Lab Control Sample	T	Water	8260B	
LCSD 680-187749/4	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-187749/6	Method Blank	T	Water	8260B	
680-63585-4	ASH-CMO3-11292010	T	Water	8260B	
680-63585-5	ASH-CMO4-11292010	T	Water	8260B	
680-63585-6	ASH-CMO5-11292010	T	Water	8260B	
680-63585-10TB	Trip Blank	T	Water	8260B	
Analysis Batch:680-187772					
LCS 680-187772/5	Lab Control Sample	T	Water	8260B	
LCSD 680-187772/6	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-187772/8	Method Blank	T	Water	8260B	
680-63585-7	ASH-MWO3-11302010	T	Water	8260B	
680-63585-8RB	ASH-RSI-11302010	T	Water	8260B	
680-63585-9	ASH-MW02-11302010	T	Water	8260B	
Analysis Batch:680-187867					
LCS 680-187867/10	Lab Control Sample	T	Water	8260B	
LCSD 680-187867/11	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-187867/13	Method Blank	T	Water	8260B	
680-63585-9MS	Matrix Spike	T	Water	8260B	
680-63585-9MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:680-189801					
LCS 680-189801/3	Lab Control Sample	T	Water	8260B	
LCSD 680-189801/4	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-189801/10	Method Blank	T	Water	8260B	
680-63585-1	ASH-CMOO-11292010	T	Water	8260B	
680-63585-2	ASH-CMO1-11292010	T	Water	8260B	
680-63585-3	ASH-CMO2-11292010	T	Water	8260B	

Report Basis
T = Total

Client: Ashland Inc.

Job Number: 680-63585-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-63585-1	ASH-CMOO-11292010	91	97	107
680-63585-2	ASH-CMO1-11292010	91	99	105
680-63585-3	ASH-CMO2-11292010	92	96	109
680-63585-4	ASH-CMO3-11292010	97	97	107
680-63585-5	ASH-CMO4-11292010	95	97	107
680-63585-6	ASH-CMO5-11292010	95	101	108
680-63585-7	ASH-MWO3-11302010	91	101	102
680-63585-8	ASH-RSI-11302010	90	98	97
680-63585-9	ASH-MW02-11302010	92	101	97
680-63585-10	Trip Blank	95	100	107
MB 680-187749/6		95	101	101
MB 680-187772/8		90	103	94
MB 680-187867/13		94	102	98
MB 680-189801/10		92	99	106
LCS 680-187749/3		99	104	103
LCS 680-187772/5		98	105	97
LCS 680-187867/10		98	102	97
LCS 680-189801/3		96	105	103
LCSD 680-187749/4		100	102	102
LCSD 680-187772/6		96	105	97
LCSD 680-187867/11		97	103	93
LCSD 680-189801/4		98	106	101
680-63585-9 MS	ASH-MW02-11302010 MS	93	98	91

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130
TOL = Toluene-d8 (Surr)	70-130

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-63585-9 MSD	ASH-MW02-1130201 0 MSD	92	100	89

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130
TOL = Toluene-d8 (Surr)	70-130

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-187749

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-187749/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2010 1153
Date Prepared: 12/02/2010 1153

Analysis Batch: 680-187749
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq245.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
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-187749

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-187749/6	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq245.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1153			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1153				

Analyte	Result	Qual	RL
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	95	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187749

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187749/3	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq237.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 0959			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 0959				

LCSD Lab Sample ID:	LCSD 680-187749/4	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq239.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1027			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1027				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	113	113	26 - 180	0	50		
Benzene	103	103	70 - 130	1	30		
Dichlorobromomethane	101	102	70 - 130	0	30		
Bromoform	99	99	70 - 130	0	30		
Bromomethane	116	97	23 - 165	18	50		
2-Butanone (MEK)	113	116	49 - 172	2	30		
Carbon disulfide	95	94	54 - 132	2	30		
Carbon tetrachloride	93	92	70 - 130	0	30		
Chlorobenzene	105	103	70 - 130	1	30		
Chloroethane	97	84	56 - 152	14	40		
Chloroform	106	103	70 - 130	3	30		
Chloromethane	83	91	70 - 130	8	30		
Chlorodibromomethane	106	107	70 - 130	1	50		
1,2-Dibromo-3-Chloropropane	112	116	70 - 130	3	50		
Ethylene Dibromide	106	106	70 - 130	1	30		
Dibromomethane	99	99	70 - 130	0	30		
Dichlorodifluoromethane	88	87	44 - 146	1	50		
1,1-Dichloroethane	104	103	70 - 130	1	30		
1,2-Dichloroethane	98	96	70 - 130	2	30		
cis-1,2-Dichloroethene	107	104	70 - 130	3	30		
trans-1,2-Dichloroethene	103	100	70 - 130	2	30		
1,1-Dichloroethene	99	94	66 - 131	5	30		
1,2-Dichloropropane	102	100	70 - 130	2	30		
cis-1,3-Dichloropropene	103	104	70 - 130	1	30		
trans-1,3-Dichloropropene	103	101	70 - 130	2	50		
Ethylbenzene	102	103	70 - 130	1	30		
2-Hexanone	107	112	42 - 185	4	30		
Methylene Chloride	104	100	67 - 130	3	30		
4-Methyl-2-pentanone (MIBK)	101	105	70 - 130	3	30		
Styrene	99	98	70 - 130	1	30		
1,1,1,2-Tetrachloroethane	102	105	70 - 130	3	30		
1,1,2,2-Tetrachloroethane	101	104	70 - 130	3	30		
Tetrachloroethene	103	103	70 - 130	0	30		

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187749

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187749/3	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq237.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 0959			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 0959				

LCSD Lab Sample ID:	LCSD 680-187749/4	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq239.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1027			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1027				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Toluene	101	101	70 - 130	0	30		
1,1,1-Trichloroethane	98	98	70 - 130	0	30		
1,1,2-Trichloroethane	102	103	70 - 130	1	30		
Trichloroethene	100	100	70 - 130	1	30		
Trichlorofluoromethane	78	83	55 - 156	5	30		
1,2,3-Trichloropropane	107	110	70 - 130	3	30		
Vinyl acetate	106	106	60 - 176	0	30		
Vinyl chloride	87	88	67 - 134	1	30		
Xylenes, Total	101	101	70 - 130	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	99	100	70 - 130
Dibromofluoromethane	104	102	70 - 130
Toluene-d8 (Surr)	103	102	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-187772

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-187772/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2010 1207
Date Prepared: 12/02/2010 1207

Analysis Batch: 680-187772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq246.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
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-187772

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-187772/8	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq246.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1207			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1207				

Analyte	Result	Qual	RL
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	90	70 - 130
Dibromofluoromethane	103	70 - 130
Toluene-d8 (Surr)	94	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187772

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187772/5	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq238.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1013			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1013				

LCSD Lab Sample ID:	LCSD 680-187772/6	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq240.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1041			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1041				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	111	110	26 - 180	1	50		
Benzene	99	99	70 - 130	1	30		
Dichlorobromomethane	97	96	70 - 130	1	30		
Bromoform	99	100	70 - 130	1	30		
Bromomethane	78	78	23 - 165	1	50		
2-Butanone (MEK)	107	103	49 - 172	3	30		
Carbon disulfide	89	90	54 - 132	1	30		
Carbon tetrachloride	90	91	70 - 130	0	30		
Chlorobenzene	106	103	70 - 130	3	30		
Chloroethane	88	89	56 - 152	1	40		
Chloroform	102	102	70 - 130	1	30		
Chloromethane	85	86	70 - 130	1	30		
Chlorodibromomethane	105	105	70 - 130	0	50		
1,2-Dibromo-3-Chloropropane	96	94	70 - 130	3	50		
Ethylene Dibromide	95	96	70 - 130	0	30		
Dibromomethane	92	90	70 - 130	2	30		
Dichlorodifluoromethane	78	76	44 - 146	3	50		
1,1-Dichloroethane	102	102	70 - 130	0	30		
1,2-Dichloroethane	92	87	70 - 130	5	30		
cis-1,2-Dichloroethene	105	104	70 - 130	1	30		
trans-1,2-Dichloroethene	103	104	70 - 130	1	30		
1,1-Dichloroethene	99	103	66 - 131	3	30		
1,2-Dichloropropane	97	96	70 - 130	1	30		
cis-1,3-Dichloropropene	97	98	70 - 130	1	30		
trans-1,3-Dichloropropene	100	96	70 - 130	4	50		
Ethylbenzene	103	102	70 - 130	0	30		
2-Hexanone	108	105	42 - 185	3	30		
Methylene Chloride	92	93	67 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	91	90	70 - 130	1	30		
Styrene	103	100	70 - 130	3	30		
1,1,1,2-Tetrachloroethane	104	103	70 - 130	1	30		
1,1,2,2-Tetrachloroethane	101	98	70 - 130	4	30		
Tetrachloroethene	108	111	70 - 130	2	30		

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187772

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187772/5	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq238.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1013			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1013				

LCSD Lab Sample ID:	LCSD 680-187772/6	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq240.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1041			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1041				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Toluene	95	97	70 - 130	2	30		
1,1,1-Trichloroethane	96	95	70 - 130	1	30		
1,1,2-Trichloroethane	96	93	70 - 130	3	30		
Trichloroethene	99	99	70 - 130	0	30		
Trichlorofluoromethane	83	83	55 - 156	0	30		
1,2,3-Trichloropropane	102	104	70 - 130	2	30		
Vinyl acetate	105	102	60 - 176	3	30		
Vinyl chloride	86	88	67 - 134	2	30		
Xylenes, Total	102	101	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	98	96	70 - 130
Dibromofluoromethane	105	105	70 - 130
Toluene-d8 (Surr)	97	97	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-187867

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-187867/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2010 1152
Date Prepared: 12/03/2010 1152

Analysis Batch: 680-187867
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq260.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
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-187867

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-187867/13	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq260.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1152			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1152				

Analyte	Result	Qual	RL
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	94	70 - 130
Dibromofluoromethane	102	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187867

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187867/10	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq252.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 0958			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 0958				

LCSD Lab Sample ID:	LCSD 680-187867/11	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq254.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1026			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1026				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	111	106	26 - 180	5	50		
Benzene	101	96	70 - 130	6	30		
Dichlorobromomethane	97	94	70 - 130	3	30		
Bromoform	95	95	70 - 130	0	30		
Bromomethane	65	69	23 - 165	6	50		
2-Butanone (MEK)	111	108	49 - 172	2	30		
Carbon disulfide	88	89	54 - 132	1	30		
Carbon tetrachloride	89	89	70 - 130	1	30		
Chlorobenzene	104	103	70 - 130	0	30		
Chloroethane	89	89	56 - 152	1	40		
Chloroform	103	101	70 - 130	1	30		
Chloromethane	84	83	70 - 130	1	30		
Chlorodibromomethane	103	102	70 - 130	1	50		
1,2-Dibromo-3-Chloropropane	93	93	70 - 130	0	50		
Ethylene Dibromide	95	92	70 - 130	4	30		
Dibromomethane	91	87	70 - 130	5	30		
Dichlorodifluoromethane	80	79	44 - 146	1	50		
1,1-Dichloroethane	99	98	70 - 130	1	30		
1,2-Dichloroethane	93	86	70 - 130	8	30		
cis-1,2-Dichloroethene	103	101	70 - 130	2	30		
trans-1,2-Dichloroethene	102	102	70 - 130	0	30		
1,1-Dichloroethene	100	101	66 - 131	1	30		
1,2-Dichloropropane	101	95	70 - 130	6	30		
cis-1,3-Dichloropropene	100	96	70 - 130	4	30		
trans-1,3-Dichloropropene	101	95	70 - 130	6	50		
Ethylbenzene	104	104	70 - 130	0	30		
2-Hexanone	109	104	42 - 185	4	30		
Methylene Chloride	93	93	67 - 130	0	30		
4-Methyl-2-pentanone (MIBK)	95	90	70 - 130	6	30		
Styrene	104	104	70 - 130	0	30		
1,1,1,2-Tetrachloroethane	102	102	70 - 130	0	30		
1,1,2,2-Tetrachloroethane	101	99	70 - 130	2	30		
Tetrachloroethene	113	112	70 - 130	1	30		

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187867

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187867/10	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq252.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 0958			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 0958				

LCSD Lab Sample ID:	LCSD 680-187867/11	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq254.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1026			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1026				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Toluene	96	91	70 - 130	5	30		
1,1,1-Trichloroethane	99	94	70 - 130	5	30		
1,1,2-Trichloroethane	98	94	70 - 130	4	30		
Trichloroethene	102	96	70 - 130	7	30		
Trichlorofluoromethane	83	82	55 - 156	1	30		
1,2,3-Trichloropropane	104	100	70 - 130	4	30		
Vinyl acetate	104	100	60 - 176	4	30		
Vinyl chloride	89	87	67 - 134	2	30		
Xylenes, Total	103	102	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	98	97	70 - 130
Dibromofluoromethane	102	103	70 - 130
Toluene-d8 (Surr)	97	93	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-187867

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-63585-9	Analysis Batch: 680-187867	Instrument ID: MSO2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o0416.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/03/2010 1609		Final Weight/Volume: 5 mL
Date Prepared:	12/03/2010 1609		

MSD Lab Sample ID:	680-63585-9	Analysis Batch: 680-187867	Instrument ID: MSO2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o0418.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/03/2010 1637		Final Weight/Volume: 5 mL
Date Prepared:	12/03/2010 1637		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	97	79	26 - 180	20	50		
Benzene	101	101	70 - 130	1	30		
Dichlorobromomethane	92	93	70 - 130	1	30		
Bromoform	88	91	70 - 130	3	30		
Bromomethane	58	51	23 - 165	14	50		
2-Butanone (MEK)	100	98	49 - 172	3	30		
Carbon disulfide	82	80	54 - 132	3	30		
Carbon tetrachloride	88	92	70 - 130	4	30		
Chlorobenzene	103	104	70 - 130	1	30		
Chloroethane	85	77	56 - 152	11	40		
Chloroform	102	101	70 - 130	0	30		
Chloromethane	73	69	70 - 130	6	30		F
Chlorodibromomethane	100	106	70 - 130	6	50		
1,2-Dibromo-3-Chloropropane	77	78	70 - 130	2	50		
Ethylene Dibromide	86	84	70 - 130	2	30		
Dibromomethane	85	84	70 - 130	1	30		
Dichlorodifluoromethane	71	65	44 - 146	9	50		
1,1-Dichloroethane	101	101	70 - 130	1	30		
1,2-Dichloroethane	87	88	70 - 130	1	30		
cis-1,2-Dichloroethene	103	102	70 - 130	1	30		
trans-1,2-Dichloroethene	104	107	70 - 130	3	30		
1,1-Dichloroethene	101	105	66 - 131	4	30		
1,2-Dichloropropane	98	97	70 - 130	1	30		
cis-1,3-Dichloropropene	95	94	70 - 130	0	30		
trans-1,3-Dichloropropene	92	92	70 - 130	1	50		
Ethylbenzene	103	104	70 - 130	1	30		
2-Hexanone	95	101	42 - 185	5	30		
Methylene Chloride	78	77	67 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	84	85	70 - 130	1	30		
Styrene	98	99	70 - 130	0	30		

Client: Ashland Inc.

Job Number: 680-63585-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-187867

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-63585-9	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	o0416.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1609			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1609				

MSD Lab Sample ID:	680-63585-9	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	o0418.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1637			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1637				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	100	105	70 - 130	5	30		
1,1,2,2-Tetrachloroethane	94	95	70 - 130	1	30		
Tetrachloroethene	114	117	70 - 130	2	30		
Toluene	90	88	70 - 130	3	30		
1,1,1-Trichloroethane	96	96	70 - 130	0	30		
1,1,2-Trichloroethane	93	92	70 - 130	1	30		
Trichloroethene	99	100	70 - 130	1	30		
Trichlorofluoromethane	89	87	55 - 156	3	30		
1,2,3-Trichloropropane	98	96	70 - 130	1	30		
Vinyl acetate	103	109	60 - 176	6	30		
Vinyl chloride	83	78	67 - 134	6	30		
Xylenes, Total	100	101	70 - 130	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	93	92	70 - 130
Dibromofluoromethane	98	100	70 - 130
Toluene-d8 (Surr)	91	89	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-189801

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-189801/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2010 2351
Date Prepared: 12/21/2010 2351

Analysis Batch: 680-189801
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq551.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
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63585-1

Method Blank - Batch: 680-189801

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-189801/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2010 2351
Date Prepared: 12/21/2010 2351

Analysis Batch: 680-189801
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq551.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
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	92	70 - 130
Dibromofluoromethane	99	70 - 130
Toluene-d8 (Surr)	106	70 - 130

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-189801

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-189801/3	Analysis Batch:	680-189801	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq545.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/21/2010 2147			Final Weight/Volume:	5 mL
Date Prepared:	12/21/2010 2147				

LCSD Lab Sample ID:	LCSD 680-189801/4	Analysis Batch:	680-189801	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq546.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/21/2010 2208			Final Weight/Volume:	5 mL
Date Prepared:	12/21/2010 2208				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	106	113	26 - 180	6	50		
Benzene	104	103	70 - 130	2	30		
Dichlorobromomethane	99	99	70 - 130	0	30		
Bromoform	90	91	70 - 130	2	30		
Bromomethane	54	40	23 - 165	30	50		
2-Butanone (MEK)	111	113	49 - 172	2	30		
Carbon disulfide	103	102	54 - 132	1	30		
Carbon tetrachloride	86	83	70 - 130	3	30		
Chlorobenzene	104	104	70 - 130	0	30		
Chloroethane	86	100	56 - 152	16	40		
Chloroform	108	108	70 - 130	0	30		
Chloromethane	96	94	70 - 130	2	30		
Chlorodibromomethane	103	103	70 - 130	1	50		
1,2-Dibromo-3-Chloropropane	101	104	70 - 130	3	50		
Ethylene Dibromide	104	102	70 - 130	2	30		
Dibromomethane	99	98	70 - 130	1	30		
Dichlorodifluoromethane	91	91	44 - 146	0	50		
1,1-Dichloroethane	107	105	70 - 130	1	30		
1,2-Dichloroethane	94	89	70 - 130	5	30		
cis-1,2-Dichloroethene	109	109	70 - 130	0	30		
trans-1,2-Dichloroethene	107	106	70 - 130	1	30		
1,1-Dichloroethene	104	102	66 - 131	2	30		
1,2-Dichloropropane	100	97	70 - 130	2	30		
cis-1,3-Dichloropropene	96	96	70 - 130	0	30		
trans-1,3-Dichloropropene	93	93	70 - 130	1	50		
Ethylbenzene	102	102	70 - 130	1	30		
2-Hexanone	100	102	42 - 185	2	30		
Methylene Chloride	108	106	67 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	100	99	70 - 130	1	30		
Styrene	99	98	70 - 130	1	30		
1,1,1,2-Tetrachloroethane	95	94	70 - 130	1	30		
1,1,2,2-Tetrachloroethane	105	108	70 - 130	3	30		
Tetrachloroethene	99	100	70 - 130	1	30		

Client: Ashland Inc.

Job Number: 680-63585-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-189801

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-189801/3	Analysis Batch:	680-189801	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq545.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/21/2010 2147			Final Weight/Volume:	5 mL
Date Prepared:	12/21/2010 2147				

LCSD Lab Sample ID:	LCSD 680-189801/4	Analysis Batch:	680-189801	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq546.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/21/2010 2208			Final Weight/Volume:	5 mL
Date Prepared:	12/21/2010 2208				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Toluene	103	99	70 - 130	4	30		
1,1,1-Trichloroethane	94	91	70 - 130	3	30		
1,1,2-Trichloroethane	102	100	70 - 130	2	30		
Trichloroethene	98	97	70 - 130	1	30		
Trichlorofluoromethane	96	98	55 - 156	2	30		
1,2,3-Trichloropropane	105	107	70 - 130	2	30		
Vinyl acetate	141	141	60 - 176	0	30		
Vinyl chloride	98	99	67 - 134	1	30		
Xylenes, Total	101	101	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	96	98	70 - 130
Dibromofluoromethane	105	106	70 - 130
Toluene-d8 (Surr)	103	101	70 - 130

Serial Number 032787

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) MS
TAL (LAB) PROJECT MANAGER Lidia Gulizia	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM Tim Hassett	CLIENT PHONE	CLIENT FAX
CLIENT NAME Ashland Chemical	CLIENT E-MAIL	
CLIENT ADDRESS 500 Hercules Rd Wilmington, DE 19808		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...))

REQUIRED ANALYSIS: Air TO-15 8260; HCl PRESERVATIVE

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	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11-29-2010	1525	ASH - CM00 - 11292010	G	✓				3	
11-29-2010	1520	ASH - CM01 - 11292010	G	✓				3	
11-29-2010	1505	ASH - CM02 - 11292010	G	✓				3	
11-29-2010	1500	ASH - CM03 - 11292010	G	✓				3	
11-29-2010	1450	ASH - CM04 - 11292010	G	✓				3	
11-29-2010	1445	ASH - CM05 - 11292010	G	✓				3	
11-30-2010	1135	ASH - MW03 - 11302010	G	✓				3	
11-30-2010	1125	ASH - RS1 - 11302010	G	✓				3	
11-30-2010	1222	ASH - MW02 - 11302010 (MS/MSD)	G	✓				9	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				11-30-2010	1340			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			Fed Ex Airbill 873967417866					

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	12/1/10	09:40	YES ○ NO ○	680	63585	0.8

TAL 8240-680 (1008)

Login Sample Receipt Check List

Client: Ashland Inc.

Job Number: 680-63585-1

Login Number: 63585
Creator: Kicklighter, Marilyn
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	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.8 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Trip Blank Not On COC
Is the Field Sampler's name present on COC?	N/A	
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	
Sample Preservation Verified	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	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-63715-1

Job Description: Hercules Hattiesburg GW DEC 2010

For:
Ashland Inc.
500 Hercules Road
Wilmington, DE 19894

Attention: Timothy Hassett

Lidya Gulizia

Approved for release.
Lidya Gulizia
Project Manager I
12/22/2010 12:26 PM

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Project Manager I
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12/22/2010
Revision: 1

cc: Caleb Dana
Mr. Charlie Jordan
Mr. Chris Waters

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ACCREDITED IN ACCORDANCE WITH nelac

Job Narrative
680-63715-1 / Revised Report (12/22/10)

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 188482 had one analyte outside control limits; therefore, re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The following sample(s) was analyzed outside the method defined holding time due to laboratory error: ASH-FD1-12012010 (680-63715-1), ASH-MW04-12012010 (680-63715-3), ASH-MW05-12012010 (680-63715-6), ASH-MW06-12012010 (680-63715-8), ASH-MW07-12012010 (680-63715-9), ASH-MW10-12012010 (680-63715-2), ASH-MW11-12012010 (680-63715-4), ASH-MW12-12012010 (680-63715-7), ASH-RS2-12012010 (680-63715-5).

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Comments
The report was revised on December 22, 2010 in order to report volatile results for the following samples: ASH-FD1-12012010 (680-63715-1), ASH-MW04-12012010 (680-63715-3), ASH-MW05-12012010 (680-63715-6), ASH-MW06-12012010 (680-63715-8), ASH-MW07-12012010 (680-63715-9), ASH-MW10-12012010 (680-63715-2), ASH-MW11-12012010 (680-63715-4), ASH-MW12-12012010 (680-63715-7), ASH-RS2-12012010 (680-63715-5). Due to laboratory error, these samples were not logged for volatiles analysis following sample receipt. Following a client inquiry regarding this omission, the samples were logged for analysis outside of holding time on December 21, 2010. The resulting analytical data for these samples was reviewed against the historical data for the samples and results demonstrated good precision to existing historical data.

Chloroform and Toluene was detected in the following rinse blank sample submitted with the samples and analyzed outside of holding time with the samples noted above: ASH-RS2-12012010 (680-63715-5). The results for the other rinse blank submitted with this sample delivery group also contained these contaminants and is reported as sample ASH-RS3-12022010 (680-63715-13).

No other additional comments.

METHOD SUMMARY

Client: Ashland Inc. Job Number: 680-63715-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Ashland Inc.

Job Number: 680-63715-1

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
SW846 8260B	Cowart, Judson	WJC
SW846 8260B	Lanier, Carolyn	CL

SAMPLE SUMMARY

Client: Ashland Inc.

Job Number: 680-63715-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-63715-1FD	ASH-FD1-12012010	Water	12/01/2010 0000	12/03/2010 1755
680-63715-2	ASH-MW10-12012010	Water	12/01/2010 1055	12/03/2010 1755
680-63715-3	ASH-MW04-12012010	Water	12/01/2010 1150	12/03/2010 1755
680-63715-4	ASH-MW11-12012010	Water	12/01/2010 1230	12/03/2010 1755
680-63715-5RB	ASH-RS2-12012010	Water	12/01/2010 1215	12/03/2010 1755
680-63715-6	ASH-MW05-12012010	Water	12/01/2010 1300	12/03/2010 1755
680-63715-7	ASH-MW12-12012010	Water	12/01/2010 1415	12/03/2010 1755
680-63715-8	ASH-MW06-12012010	Water	12/01/2010 1400	12/03/2010 1755
680-63715-9	ASH-MW07-12012010	Water	12/01/2010 1445	12/03/2010 1755
680-63715-10	ASH-MW24-12012010	Water	12/01/2010 1525	12/03/2010 1755
680-63715-11	ASH-MW16-12022010	Water	12/02/2010 0950	12/03/2010 1755
680-63715-12	ASH-MW15-12022010	Water	12/02/2010 1030	12/03/2010 1755
680-63715-13RB	ASH-RS3-12022010	Water	12/02/2010 1040	12/03/2010 1755
680-63715-14	ASH-MW14-12022010	Water	12/02/2010 1120	12/03/2010 1755
680-63715-15	ASH-MW13-12022010	Water	12/02/2010 1200	12/03/2010 1755
680-63715-16	ASH-MW19-12022010	Water	12/02/2010 1235	12/03/2010 1755
680-63715-17FD	ASH-FD2-12022010	Water	12/02/2010 0000	12/03/2010 1755
680-63715-18	ASH-MW09-12022010	Water	12/02/2010 1335	12/03/2010 1755
680-63715-19	ASH-MW08-12022010	Water	12/02/2010 1410	12/03/2010 1755
680-63715-20TB	TB	Water	12/01/2010 0000	12/03/2010 1755

SAMPLE RESULTS

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-FD1-12012010**

Lab Sample ID: 680-63715-1FD
Client Matrix: Water

Date Sampled: 12/01/2010 0000
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1066.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0401			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0401				

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

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-FD1-12012010**

Lab Sample ID: 680-63715-1FD
Client Matrix: Water

Date Sampled: 12/01/2010 0000
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1066.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0401			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0401				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW10-12012010

Lab Sample ID: 680-63715-2
Client Matrix: Water

Date Sampled: 12/01/2010 1055
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o1055.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/22/2010 0012		Final Weight/Volume: 5 mL
Date Prepared:	12/22/2010 0012		

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

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW10-12012010**

Lab Sample ID: 680-63715-2
Client Matrix: Water

Date Sampled: 12/01/2010 1055
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1055.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0012			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0012				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	109		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW04-12012010

Lab Sample ID: 680-63715-3
Client Matrix: Water

Date Sampled: 12/01/2010 1150
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1056.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0033			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0033				

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

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW04-12012010

Lab Sample ID: 680-63715-3
Client Matrix: Water

Date Sampled: 12/01/2010 1150
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1056.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0033			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0033				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW11-12012010

Lab Sample ID: 680-63715-4
Client Matrix: Water

Date Sampled: 12/01/2010 1230
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/22/2010 0054
Date Prepared: 12/22/2010 0054

Analysis Batch: 680-189801

Instrument ID: MSO
Lab File ID: o1057.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW11-12012010**

Lab Sample ID: 680-63715-4
Client Matrix: Water

Date Sampled: 12/01/2010 1230
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o1057.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/22/2010 0054		Final Weight/Volume: 5 mL
Date Prepared:	12/22/2010 0054		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-RS2-12012010

Lab Sample ID: 680-63715-5RB

Client Matrix: Water

Date Sampled: 12/01/2010 1215

Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1058.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0115			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0115				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25	H	25
Acetonitrile	<40	H	40
Acrolein	<20	H	20
Acrylonitrile	<20	H	20
Benzene	<1.0	H	1.0
Dichlorobromomethane	<1.0	H	1.0
Bromoform	<1.0	H	1.0
Bromomethane	<1.0	H	1.0
2-Butanone (MEK)	<10	H	10
Carbon disulfide	<2.0	H	2.0
Carbon tetrachloride	<1.0	H	1.0
Chlorobenzene	<1.0	H	1.0
2-Chloro-1,3-butadiene	<1.0	H	1.0
Chloroethane	<1.0	H	1.0
Chloroform	68	H	1.0
Chloromethane	<1.0	H	1.0
3-Chloro-1-propene	<1.0	H	1.0
Chlorodibromomethane	<1.0	H	1.0
1,2-Dibromo-3-Chloropropane	<1.0	H	1.0
Ethylene Dibromide	<1.0	H	1.0
Dibromomethane	<1.0	H	1.0
trans-1,4-Dichloro-2-butene	<2.0	H	2.0
Dichlorodifluoromethane	<1.0	H	1.0
1,1-Dichloroethane	<1.0	H	1.0
1,2-Dichloroethane	<1.0	H	1.0
cis-1,2-Dichloroethene	<1.0	H	1.0
trans-1,2-Dichloroethene	<1.0	H	1.0
1,1-Dichloroethene	<1.0	H	1.0
1,2-Dichloropropane	<1.0	H	1.0
cis-1,3-Dichloropropene	<1.0	H	1.0
trans-1,3-Dichloropropene	<1.0	H	1.0
Ethylbenzene	<1.0	H	1.0
Ethyl methacrylate	<1.0	H	1.0
2-Hexanone	<10	H	10
Iodomethane	<5.0	H	5.0
Isobutyl alcohol	<40	H	40
Methacrylonitrile	<20	H	20
Methylene Chloride	<5.0	H	5.0
Methyl methacrylate	<1.0	H	1.0
4-Methyl-2-pentanone (MIBK)	<10	H	10
Pentachloroethane	<5.0	H	5.0
Propionitrile	<20	H	20
Styrene	<1.0	H	1.0
1,1,1,2-Tetrachloroethane	<1.0	H	1.0
1,1,2,2-Tetrachloroethane	<1.0	H	1.0
Tetrachloroethene	<1.0	H	1.0

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-RS2-12012010**

Lab Sample ID: 680-63715-5RB
Client Matrix: Water

Date Sampled: 12/01/2010 1215
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1058.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0115			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0115				

Analyte	Result (ug/L)	Qualifier	RL
Toluene	1.7	H	1.0
1,1,1-Trichloroethane	<1.0	H	1.0
1,1,2-Trichloroethane	<1.0	H	1.0
Trichloroethene	<1.0	H	1.0
Trichlorofluoromethane	<1.0	H	1.0
1,2,3-Trichloropropane	<1.0	H	1.0
Vinyl acetate	<2.0	H	2.0
Vinyl chloride	<1.0	H	1.0
Xylenes, Total	<2.0	H	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	109		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW05-12012010**

Lab Sample ID: 680-63715-6
Client Matrix: Water

Date Sampled: 12/01/2010 1300
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o1059.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/22/2010 0135		Final Weight/Volume: 5 mL
Date Prepared:	12/22/2010 0135		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	27	H	25
Acetonitrile	<40	H	40
Acrolein	<20	H	20
Acrylonitrile	<20	H	20
Benzene	<1.0	H	1.0
Dichlorobromomethane	<1.0	H	1.0
Bromoform	<1.0	H	1.0
Bromomethane	<1.0	H	1.0
2-Butanone (MEK)	<10	H	10
Carbon disulfide	<2.0	H	2.0
Carbon tetrachloride	<1.0	H	1.0
Chlorobenzene	<1.0	H	1.0
2-Chloro-1,3-butadiene	<1.0	H	1.0
Chloroethane	<1.0	H	1.0
Chloroform	<1.0	H	1.0
Chloromethane	<1.0	H	1.0
3-Chloro-1-propene	<1.0	H	1.0
Chlorodibromomethane	<1.0	H	1.0
1,2-Dibromo-3-Chloropropane	<1.0	H	1.0
Ethylene Dibromide	<1.0	H	1.0
Dibromomethane	<1.0	H	1.0
trans-1,4-Dichloro-2-butene	<2.0	H	2.0
Dichlorodifluoromethane	<1.0	H	1.0
1,1-Dichloroethane	<1.0	H	1.0
1,2-Dichloroethane	<1.0	H	1.0
cis-1,2-Dichloroethene	<1.0	H	1.0
trans-1,2-Dichloroethene	<1.0	H	1.0
1,1-Dichloroethene	<1.0	H	1.0
1,2-Dichloropropane	<1.0	H	1.0
cis-1,3-Dichloropropene	<1.0	H	1.0
trans-1,3-Dichloropropene	<1.0	H	1.0
Ethylbenzene	<1.0	H	1.0
Ethyl methacrylate	<1.0	H	1.0
2-Hexanone	<10	H	10
Iodomethane	<5.0	H	5.0
Isobutyl alcohol	<40	H	40
Methacrylonitrile	<20	H	20
Methylene Chloride	<5.0	H	5.0
Methyl methacrylate	<1.0	H	1.0
4-Methyl-2-pentanone (MIBK)	<10	H	10
Pentachloroethane	<5.0	H	5.0
Propionitrile	<20	H	20
Styrene	<1.0	H	1.0
1,1,1,2-Tetrachloroethane	<1.0	H	1.0
1,1,2,2-Tetrachloroethane	<1.0	H	1.0
Tetrachloroethene	<1.0	H	1.0

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW05-12012010**

Lab Sample ID: 680-63715-6
Client Matrix: Water

Date Sampled: 12/01/2010 1300
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o1059.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/22/2010 0135		Final Weight/Volume: 5 mL
Date Prepared:	12/22/2010 0135		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	91		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW12-12012010

Lab Sample ID: 680-63715-7
Client Matrix: Water

Date Sampled: 12/01/2010 1415
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/22/2010 0156
Date Prepared: 12/22/2010 0156

Analysis Batch: 680-189801

Instrument ID: MSO
Lab File ID: o1060.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW12-12012010**

Lab Sample ID: 680-63715-7
Client Matrix: Water

Date Sampled: 12/01/2010 1415
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o1060.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/22/2010 0156		Final Weight/Volume: 5 mL
Date Prepared:	12/22/2010 0156		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: Ashland Inc. Job Number: 680-63715-1

Client Sample ID: **ASH-MW06-12012010**

Lab Sample ID: 680-63715-8 Date Sampled: 12/01/2010 1400
Client Matrix: Water Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o1061.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/22/2010 0217			Final Weight/Volume:	5 mL
Date Prepared:	12/22/2010 0217				

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

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW06-12012010**

Lab Sample ID: 680-63715-8
Client Matrix: Water

Date Sampled: 12/01/2010 1400
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o1061.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/22/2010 0217		Final Weight/Volume: 5 mL
Date Prepared:	12/22/2010 0217		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW07-12012010

Lab Sample ID: 680-63715-9

Client Matrix: Water

Date Sampled: 12/01/2010 1445

Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-189801	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o1062.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/22/2010 0238		Final Weight/Volume: 5 mL
Date Prepared:	12/22/2010 0238		

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

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW07-12012010**

Lab Sample ID: 680-63715-9
Client Matrix: Water

Date Sampled: 12/01/2010 1445
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/22/2010 0238
Date Prepared: 12/22/2010 0238

Analysis Batch: 680-189801

Instrument ID: MSO
Lab File ID: o1062.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	91		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW24-12012010**

Lab Sample ID: 680-63715-10
Client Matrix: Water

Date Sampled: 12/01/2010 1525
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0143.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 1844		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 1844		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<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
Chlorodibromomethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Dibromomethane	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<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
Toluene	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
trans-1,2-Dichloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW24-12012010**

Lab Sample ID: 680-63715-10
Client Matrix: Water

Date Sampled: 12/01/2010 1525
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0143.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 1844		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 1844		

Analyte	Result (ug/L)	Qualifier	RL
trans-1,3-Dichloropropene	<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		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW16-12022010

Lab Sample ID: 680-63715-11
Client Matrix: Water

Date Sampled: 12/02/2010 0950
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0145.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 1913		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 1913		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<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
Chlorodibromomethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Dibromomethane	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<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
Toluene	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
trans-1,2-Dichloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW16-12022010**

Lab Sample ID: 680-63715-11
Client Matrix: Water

Date Sampled: 12/02/2010 0950
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0145.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 1913		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 1913		

Analyte	Result (ug/L)	Qualifier	RL
trans-1,3-Dichloropropene	<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	110		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW15-12022010

Lab Sample ID: 680-63715-12
Client Matrix: Water

Date Sampled: 12/02/2010 1030
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0159.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 2237		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 2237		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<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
Chlorodibromomethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Dibromomethane	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<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
Toluene	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
trans-1,2-Dichloroethene	<1.0		1.0

Client: Ashland Inc. Job Number: 680-63715-1

Client Sample ID: **ASH-MW15-12022010**

Lab Sample ID: 680-63715-12 Date Sampled: 12/02/2010 1030
Client Matrix: Water Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0159.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 2237			Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 2237				

Analyte	Result (ug/L)	Qualifier	RL
trans-1,3-Dichloropropene	<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	116		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-RS3-12022010**

Lab Sample ID: 680-63715-13RB
Client Matrix: Water

Date Sampled: 12/02/2010 1040
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/08/2010 2335
Date Prepared: 12/08/2010 2335

Analysis Batch: 680-188389

Instrument ID: MSP2
Lab File ID: p0163.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
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
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	75		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Dibromomethane	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<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
Toluene	1.8		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
trans-1,2-Dichloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-RS3-12022010**

Lab Sample ID: 680-63715-13RB
Client Matrix: Water

Date Sampled: 12/02/2010 1040
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0163.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 2335		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 2335		

Analyte	Result (ug/L)	Qualifier	RL
trans-1,3-Dichloropropene	<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		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW14-12022010**

Lab Sample ID: 680-63715-14
Client Matrix: Water

Date Sampled: 12/02/2010 1120
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0153.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 2110		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 2110		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<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
Chlorodibromomethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Dibromomethane	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<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
Toluene	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
trans-1,2-Dichloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW14-12022010

Lab Sample ID: 680-63715-14

Client Matrix: Water

Date Sampled: 12/02/2010 1120

Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0153.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 2110			Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 2110				

Analyte	Result (ug/L)	Qualifier	RL
trans-1,3-Dichloropropene	<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		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: ASH-MW13-12022010

Lab Sample ID: 680-63715-15
Client Matrix: Water

Date Sampled: 12/02/2010 1200
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 12/09/2010 1536
Date Prepared: 12/09/2010 1536

Analysis Batch: 680-188482

Instrument ID: MSP
Lab File ID: p0189.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<250		250
Acetonitrile	<400		400
Acrolein	<200		200
Acrylonitrile	<200		200
Benzene	530		10
Bromoform	<10		10
Bromomethane	<10		10
2-Butanone (MEK)	<100		100
Carbon disulfide	<20		20
Carbon tetrachloride	970		10
Chlorobenzene	25		10
2-Chloro-1,3-butadiene	<10		10
Chlorodibromomethane	<10		10
Chloroethane	<10		10
Chloroform	230		10
Chloromethane	<10		10
3-Chloro-1-propene	<10		10
cis-1,2-Dichloroethene	<10		10
cis-1,3-Dichloropropene	<10		10
1,2-Dibromo-3-Chloropropane	<10	*	10
Dibromomethane	<10		10
Dichlorobromomethane	<10		10
Dichlorodifluoromethane	<10		10
1,1-Dichloroethane	<10		10
1,2-Dichloroethane	<10		10
1,1-Dichloroethene	<10		10
1,2-Dichloropropane	<10		10
Ethylbenzene	<10		10
Ethylene Dibromide	<10		10
Ethyl methacrylate	<10		10
2-Hexanone	<100		100
Iodomethane	<50		50
Isobutyl alcohol	<400		400
Methacrylonitrile	<200		200
Methylene Chloride	<50		50
Methyl methacrylate	<10		10
4-Methyl-2-pentanone (MIBK)	<100		100
Pentachloroethane	<50		50
Propionitrile	<200		200
Styrene	<10		10
1,1,1,2-Tetrachloroethane	<10		10
1,1,2,2-Tetrachloroethane	<10		10
Tetrachloroethene	<10		10
Toluene	<10		10
trans-1,4-Dichloro-2-butene	<20		20
trans-1,2-Dichloroethene	<10		10

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW13-12022010**

Lab Sample ID: 680-63715-15
Client Matrix: Water

Date Sampled: 12/02/2010 1200
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188482	Instrument ID: MSP
Preparation:	5030B		Lab File ID: p0189.d
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	12/09/2010 1536		Final Weight/Volume: 5 mL
Date Prepared:	12/09/2010 1536		

Analyte	Result (ug/L)	Qualifier	RL
trans-1,3-Dichloropropene	<10		10
1,1,1-Trichloroethane	<10		10
1,1,2-Trichloroethane	<10		10
Trichloroethene	<10		10
Trichlorofluoromethane	<10		10
1,2,3-Trichloropropane	<10		10
Vinyl acetate	<20		20
Vinyl chloride	<10		10
Xylenes, Total	<20		20

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	89		70 - 130
Dibromofluoromethane	85		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW19-12022010**

Lab Sample ID: 680-63715-16
Client Matrix: Water

Date Sampled: 12/02/2010 1235
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0157.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 2208		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 2208		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	61		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	9.1		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	2.7		1.0
Chloromethane	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Dibromomethane	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	1.4		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	2.2		1.0
Ethylene Dibromide	<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
Toluene	2.5		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
trans-1,2-Dichloroethene	<1.0		1.0

Client: Ashland Inc.

Job Number: 680-63715-1

Client Sample ID: **ASH-MW19-12022010**

Lab Sample ID: 680-63715-16
Client Matrix: Water

Date Sampled: 12/02/2010 1235
Date Received: 12/03/2010 1755

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-188389	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0157.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/08/2010 2208		Final Weight/Volume: 5 mL
Date Prepared:	12/08/2010 2208		

Analyte	Result (ug/L)	Qualifier	RL
trans-1,3-Dichloropropene	<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	111		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8 (Surr)	105		70 - 130