

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING


ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-70860-1
Client Project/Site: Hercules Hattiesburg APIX 7/28/11

For:
Ashland Inc.
Ashland Hercules Research Center
500 Hercules Rd Bldg 8139
Wilmington, Delaware 19808

Attn: Timothy Hassett



Authorized for release by:
08/16/2011 03:08:03 PM

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LINKS

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Case Narrative

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Job ID: 680-70860-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative 680-70860-1

Receipt

Method(s) 8260B: The following sample(s) was received with headspace in the sample vial: ASH-MW14-072811 (680-70860-3), ASH-MW14-072811 (680-70860-3 MS), ASH-MW14-072811 (680-70860-3 MSD). The parent sample and the MSD were received with 2 of 3 vials with headspace, and the MS sample with 1 of 3 with headspace.

All other 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 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch 210749 had 1 analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

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 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS and LCSD associated with batch 211655 had 2 and 1 analytes outside control limits, respectively; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 211655 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

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 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS and LCSD associated with batch 211446 had 1 and 2 analyte outside control limits, respectively; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch 211655: isobutyl alcohol. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. The associated samples were non-detect for the affected analyte; therefore, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) for batch 211111 recovered above the upper control limit for Pentachloroethane. This compound has been identified as a poor performing analyte when analyzed using this method. Additionally, the samples associated with this CCV were non-detects for this compound; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The continuing calibration verification (CCV) standard for analytical batch 211655 exceeded average % Relative Standard Deviation (%RSD) control criteria. However, these are in-house criteria established because limits for these compounds are not specified in the reference method. Additionally, all associated samples were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) standard associated with the in-hold analyses of the following samples was outside control limits: ASH-MW05-072811 (680-70860-5), ASH-MW14-072811 (680-70860-3), ASH-MW16-072811 (680-70860-7). The samples were re-analyzed outside of their analytical holding time. Both sets of data have been reported.

No other analytical or quality issues were noted.

Comments

No additional comments.

Sample Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-70860-1	ASH-RS2-072811	Water	07/28/11 11:05	07/29/11 09:27
680-70860-2	ASH-DUP-072811	Water	07/28/11 00:00	07/29/11 09:27
680-70860-3	ASH-MW14-072811	Water	07/28/11 10:45	07/29/11 09:27
680-70860-4	ASH-MW15-072811	Water	07/28/11 08:03	07/29/11 09:27
680-70860-5	ASH-MW05-072811	Water	07/28/11 09:05	07/29/11 09:27
680-70860-6	ASH-MW06-072811	Water	07/28/11 08:05	07/29/11 09:27
680-70860-7	ASH-MW16-072811	Water	07/28/11 08:53	07/29/11 09:27
680-70860-8	ASH-MW09-072811	Water	07/28/11 10:10	07/29/11 09:27
680-70860-9	ASH-MW07-072811	Water	07/28/11 10:54	07/29/11 09:27
680-70860-10	Trip Blank 063011	Water	07/28/11 00:00	07/29/11 09:27

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Method Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV

Protocol References:

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Definitions/Glossary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Detection Summary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-RS2-072811

Lab Sample ID: 680-70860-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.6		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: ASH-DUP-072811

Lab Sample ID: 680-70860-2

No Detections

Client Sample ID: ASH-MW14-072811

Lab Sample ID: 680-70860-3

No Detections

Client Sample ID: ASH-MW15-072811

Lab Sample ID: 680-70860-4

No Detections

Client Sample ID: ASH-MW05-072811

Lab Sample ID: 680-70860-5

No Detections

Client Sample ID: ASH-MW06-072811

Lab Sample ID: 680-70860-6

No Detections

Client Sample ID: ASH-MW16-072811

Lab Sample ID: 680-70860-7

No Detections

Client Sample ID: ASH-MW09-072811

Lab Sample ID: 680-70860-8

No Detections

Client Sample ID: ASH-MW07-072811

Lab Sample ID: 680-70860-9

No Detections

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70860-10

No Detections

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-RS2-072811

Lab Sample ID: 680-70860-1

Date Collected: 07/28/11 11:05

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/04/11 19:34	1
Acetonitrile	<40		40		ug/L			08/04/11 19:34	1
Acrolein	<20		20		ug/L			08/04/11 19:34	1
Acrylonitrile	<20		20		ug/L			08/04/11 19:34	1
Benzene	<1.0		1.0		ug/L			08/04/11 19:34	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/04/11 19:34	1
Bromoform	<1.0		1.0		ug/L			08/04/11 19:34	1
Bromomethane	<1.0		1.0		ug/L			08/04/11 19:34	1
2-Butanone (MEK)	<10		10		ug/L			08/04/11 19:34	1
Carbon disulfide	<2.0		2.0		ug/L			08/04/11 19:34	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/04/11 19:34	1
Chlorobenzene	<1.0		1.0		ug/L			08/04/11 19:34	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/04/11 19:34	1
Chloroethane	<1.0		1.0		ug/L			08/04/11 19:34	1
Chloroform	1.6		1.0		ug/L			08/04/11 19:34	1
Chloromethane	<1.0		1.0		ug/L			08/04/11 19:34	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/04/11 19:34	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/04/11 19:34	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/04/11 19:34	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/04/11 19:34	1
Dibromomethane	<1.0		1.0		ug/L			08/04/11 19:34	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/04/11 19:34	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/04/11 19:34	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/04/11 19:34	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/04/11 19:34	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/11 19:34	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/11 19:34	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/04/11 19:34	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/04/11 19:34	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/04/11 19:34	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/04/11 19:34	1
Ethylbenzene	<1.0		1.0		ug/L			08/04/11 19:34	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/04/11 19:34	1
2-Hexanone	<10		10		ug/L			08/04/11 19:34	1
Iodomethane	<5.0		5.0		ug/L			08/04/11 19:34	1
Isobutyl alcohol	<40		40		ug/L			08/04/11 19:34	1
Methacrylonitrile	<20		20		ug/L			08/04/11 19:34	1
Methylene Chloride	<5.0		5.0		ug/L			08/04/11 19:34	1
Methyl methacrylate	<1.0		1.0		ug/L			08/04/11 19:34	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/04/11 19:34	1
Pentachloroethane	<5.0		5.0		ug/L			08/04/11 19:34	1
Propionitrile	<20		20		ug/L			08/04/11 19:34	1
Styrene	<1.0		1.0		ug/L			08/04/11 19:34	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/11 19:34	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/11 19:34	1
Tetrachloroethene	<1.0		1.0		ug/L			08/04/11 19:34	1
Toluene	<1.0		1.0		ug/L			08/04/11 19:34	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/04/11 19:34	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/04/11 19:34	1
Trichloroethene	<1.0		1.0		ug/L			08/04/11 19:34	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-RS2-072811

Lab Sample ID: 680-70860-1

Date Collected: 07/28/11 11:05

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/04/11 19:34	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/04/11 19:34	1
Vinyl acetate	<2.0		2.0		ug/L			08/04/11 19:34	1
Vinyl chloride	<1.0		1.0		ug/L			08/04/11 19:34	1
Xylenes, Total	<2.0		2.0		ug/L			08/04/11 19:34	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		70 - 130		08/04/11 19:34	1
Dibromofluoromethane	105		70 - 130		08/04/11 19:34	1
Toluene-d8 (Surr)	94		70 - 130		08/04/11 19:34	1

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Client Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Client Sample ID: ASH-DUP-072811

Lab Sample ID: 680-70860-2

Date Collected: 07/28/11 00:00

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 16:08	1
Acetonitrile	<40		40		ug/L			08/02/11 16:08	1
Acrolein	<20		20		ug/L			08/02/11 16:08	1
Acrylonitrile	<20		20		ug/L			08/02/11 16:08	1
Benzene	<1.0		1.0		ug/L			08/02/11 16:08	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 16:08	1
Bromoform	<1.0 *		1.0		ug/L			08/02/11 16:08	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 16:08	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 16:08	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 16:08	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 16:08	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 16:08	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 16:08	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 16:08	1
Chloroform	<1.0		1.0		ug/L			08/02/11 16:08	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 16:08	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 16:08	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 16:08	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 16:08	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 16:08	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 16:08	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 16:08	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 16:08	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 16:08	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 16:08	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 16:08	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 16:08	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 16:08	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 16:08	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 16:08	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 16:08	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 16:08	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 16:08	1
2-Hexanone	<10		10		ug/L			08/02/11 16:08	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 16:08	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 16:08	1
Methacrylonitrile	<20		20		ug/L			08/02/11 16:08	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 16:08	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 16:08	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 16:08	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 16:08	1
Propionitrile	<20		20		ug/L			08/02/11 16:08	1
Styrene	<1.0		1.0		ug/L			08/02/11 16:08	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 16:08	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 16:08	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 16:08	1
Toluene	<1.0		1.0		ug/L			08/02/11 16:08	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 16:08	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 16:08	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 16:08	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-DUP-072811

Lab Sample ID: 680-70860-2

Date Collected: 07/28/11 00:00

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 16:08	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 16:08	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 16:08	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 16:08	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 16:08	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		08/02/11 16:08	1
Dibromofluoromethane	108		70 - 130		08/02/11 16:08	1
Toluene-d8 (Surr)	98		70 - 130		08/02/11 16:08	1

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Client Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Client Sample ID: ASH-MW14-072811

Lab Sample ID: 680-70860-3

Date Collected: 07/28/11 10:45

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 14:55	1
Acetonitrile	<40		40		ug/L			08/02/11 14:55	1
Acrolein	<20		20		ug/L			08/02/11 14:55	1
Acrylonitrile	<20		20		ug/L			08/02/11 14:55	1
Benzene	<1.0		1.0		ug/L			08/02/11 14:55	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 14:55	1
Bromoform	<1.0	*	1.0		ug/L			08/02/11 14:55	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 14:55	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 14:55	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 14:55	1
Carbon tetrachloride	<1.0	*	1.0		ug/L			08/02/11 14:55	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 14:55	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 14:55	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 14:55	1
Chloroform	<1.0		1.0		ug/L			08/02/11 14:55	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 14:55	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 14:55	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 14:55	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 14:55	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 14:55	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 14:55	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 14:55	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 14:55	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 14:55	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 14:55	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:55	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:55	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:55	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 14:55	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 14:55	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 14:55	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 14:55	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 14:55	1
2-Hexanone	<10		10		ug/L			08/02/11 14:55	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 14:55	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 14:55	1
Methacrylonitrile	<20		20		ug/L			08/02/11 14:55	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 14:55	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 14:55	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 14:55	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 14:55	1
Propionitrile	<20		20		ug/L			08/02/11 14:55	1
Styrene	<1.0		1.0		ug/L			08/02/11 14:55	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 14:55	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 14:55	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 14:55	1
Toluene	<1.0		1.0		ug/L			08/02/11 14:55	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 14:55	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 14:55	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 14:55	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW14-072811

Lab Sample ID: 680-70860-3

Date Collected: 07/28/11 10:45

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 14:55	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 14:55	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 14:55	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 14:55	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 14:55	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		08/02/11 14:55	1
Dibromofluoromethane	102		70 - 130		08/02/11 14:55	1
Toluene-d8 (Surr)	97		70 - 130		08/02/11 14:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	H	25		ug/L			08/08/11 21:13	1
Acetonitrile	<40	H	40		ug/L			08/08/11 21:13	1
Acrolein	<20	H	20		ug/L			08/08/11 21:13	1
Acrylonitrile	<20	H	20		ug/L			08/08/11 21:13	1
Benzene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Dichlorobromomethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Bromoform	<1.0	H *	1.0		ug/L			08/08/11 21:13	1
Bromomethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
2-Butanone (MEK)	<10	H	10		ug/L			08/08/11 21:13	1
Carbon disulfide	<2.0	H	2.0		ug/L			08/08/11 21:13	1
Carbon tetrachloride	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Chlorobenzene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
2-Chloro-1,3-butadiene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Chloroethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Chloroform	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Chloromethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
3-Chloro-1-propene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Chlorodibromomethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,2-Dibromo-3-Chloropropane	<1.0	H *	1.0		ug/L			08/08/11 21:13	1
Ethylene Dibromide	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Dibromomethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
trans-1,4-Dichloro-2-butene	<2.0	H	2.0		ug/L			08/08/11 21:13	1
Dichlorodifluoromethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,1-Dichloroethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,2-Dichloroethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
cis-1,2-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
trans-1,2-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,1-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,2-Dichloropropane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
cis-1,3-Dichloropropene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
trans-1,3-Dichloropropene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Ethylbenzene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Ethyl methacrylate	<1.0	H	1.0		ug/L			08/08/11 21:13	1
2-Hexanone	<10	H	10		ug/L			08/08/11 21:13	1
Iodomethane	<5.0	H	5.0		ug/L			08/08/11 21:13	1
Isobutyl alcohol	<40	H	40		ug/L			08/08/11 21:13	1
Methacrylonitrile	<20	H	20		ug/L			08/08/11 21:13	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW14-072811

Lab Sample ID: 680-70860-3

Date Collected: 07/28/11 10:45

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<5.0	H	5.0		ug/L			08/08/11 21:13	1
Methyl methacrylate	<1.0	H	1.0		ug/L			08/08/11 21:13	1
4-Methyl-2-pentanone (MIBK)	<10	H	10		ug/L			08/08/11 21:13	1
Pentachloroethane	<5.0	H	5.0		ug/L			08/08/11 21:13	1
Propionitrile	<20	H	20		ug/L			08/08/11 21:13	1
Styrene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,1,1,2-Tetrachloroethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,1,2,2-Tetrachloroethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Tetrachloroethene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Toluene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,1,1-Trichloroethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,1,2-Trichloroethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Trichloroethene	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Trichlorofluoromethane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
1,2,3-Trichloropropane	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Vinyl acetate	<2.0	H	2.0		ug/L			08/08/11 21:13	1
Vinyl chloride	<1.0	H	1.0		ug/L			08/08/11 21:13	1
Xylenes, Total	<2.0	H	2.0		ug/L			08/08/11 21:13	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		08/08/11 21:13	1
Dibromofluoromethane	107		70 - 130		08/08/11 21:13	1
Toluene-d8 (Surr)	100		70 - 130		08/08/11 21:13	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW15-072811

Lab Sample ID: 680-70860-4

Date Collected: 07/28/11 08:03

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 16:38	1
Acetonitrile	<40		40		ug/L			08/02/11 16:38	1
Acrolein	<20		20		ug/L			08/02/11 16:38	1
Acrylonitrile	<20		20		ug/L			08/02/11 16:38	1
Benzene	<1.0		1.0		ug/L			08/02/11 16:38	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 16:38	1
Bromoform	<1.0	*	1.0		ug/L			08/02/11 16:38	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 16:38	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 16:38	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 16:38	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 16:38	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 16:38	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 16:38	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 16:38	1
Chloroform	<1.0		1.0		ug/L			08/02/11 16:38	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 16:38	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 16:38	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 16:38	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 16:38	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 16:38	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 16:38	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 16:38	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 16:38	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 16:38	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 16:38	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 16:38	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 16:38	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 16:38	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 16:38	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 16:38	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 16:38	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 16:38	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 16:38	1
2-Hexanone	<10		10		ug/L			08/02/11 16:38	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 16:38	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 16:38	1
Methacrylonitrile	<20		20		ug/L			08/02/11 16:38	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 16:38	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 16:38	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 16:38	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 16:38	1
Propionitrile	<20		20		ug/L			08/02/11 16:38	1
Styrene	<1.0		1.0		ug/L			08/02/11 16:38	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 16:38	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 16:38	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 16:38	1
Toluene	<1.0		1.0		ug/L			08/02/11 16:38	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 16:38	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 16:38	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 16:38	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW15-072811

Lab Sample ID: 680-70860-4

Date Collected: 07/28/11 08:03

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 16:38	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 16:38	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 16:38	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 16:38	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 16:38	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		08/02/11 16:38	1
Dibromofluoromethane	107		70 - 130		08/02/11 16:38	1
Toluene-d8 (Surr)	101		70 - 130		08/02/11 16:38	1

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Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW05-072811

Lab Sample ID: 680-70860-5

Date Collected: 07/28/11 09:05

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 13:56	1
Acetonitrile	<40		40		ug/L			08/02/11 13:56	1
Acrolein	<20		20		ug/L			08/02/11 13:56	1
Acrylonitrile	<20		20		ug/L			08/02/11 13:56	1
Benzene	<1.0		1.0		ug/L			08/02/11 13:56	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 13:56	1
Bromoform	<1.0	*	1.0		ug/L			08/02/11 13:56	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 13:56	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 13:56	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 13:56	1
Carbon tetrachloride	<1.0	*	1.0		ug/L			08/02/11 13:56	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 13:56	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 13:56	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 13:56	1
Chloroform	<1.0		1.0		ug/L			08/02/11 13:56	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 13:56	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 13:56	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 13:56	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 13:56	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 13:56	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 13:56	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 13:56	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 13:56	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 13:56	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 13:56	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 13:56	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 13:56	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 13:56	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 13:56	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 13:56	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 13:56	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 13:56	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 13:56	1
2-Hexanone	<10		10		ug/L			08/02/11 13:56	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 13:56	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 13:56	1
Methacrylonitrile	<20		20		ug/L			08/02/11 13:56	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 13:56	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 13:56	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 13:56	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 13:56	1
Propionitrile	<20		20		ug/L			08/02/11 13:56	1
Styrene	<1.0		1.0		ug/L			08/02/11 13:56	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 13:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 13:56	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 13:56	1
Toluene	<1.0		1.0		ug/L			08/02/11 13:56	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 13:56	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 13:56	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 13:56	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW05-072811

Lab Sample ID: 680-70860-5

Date Collected: 07/28/11 09:05

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 13:56	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 13:56	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 13:56	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 13:56	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 13:56	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		08/02/11 13:56	1
Dibromofluoromethane	101		70 - 130		08/02/11 13:56	1
Toluene-d8 (Surr)	100		70 - 130		08/02/11 13:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	H	25		ug/L			08/08/11 20:29	1
Acetonitrile	<40	H	40		ug/L			08/08/11 20:29	1
Acrolein	<20	H	20		ug/L			08/08/11 20:29	1
Acrylonitrile	<20	H	20		ug/L			08/08/11 20:29	1
Benzene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Dichlorobromomethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Bromoform	<1.0	H *	1.0		ug/L			08/08/11 20:29	1
Bromomethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
2-Butanone (MEK)	<10	H	10		ug/L			08/08/11 20:29	1
Carbon disulfide	<2.0	H	2.0		ug/L			08/08/11 20:29	1
Carbon tetrachloride	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Chlorobenzene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
2-Chloro-1,3-butadiene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Chloroethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Chloroform	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Chloromethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
3-Chloro-1-propene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Chlorodibromomethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,2-Dibromo-3-Chloropropane	<1.0	H *	1.0		ug/L			08/08/11 20:29	1
Ethylene Dibromide	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Dibromomethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
trans-1,4-Dichloro-2-butene	<2.0	H	2.0		ug/L			08/08/11 20:29	1
Dichlorodifluoromethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,1-Dichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,2-Dichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
cis-1,2-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
trans-1,2-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,1-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,2-Dichloropropane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
cis-1,3-Dichloropropene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
trans-1,3-Dichloropropene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Ethylbenzene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Ethyl methacrylate	<1.0	H	1.0		ug/L			08/08/11 20:29	1
2-Hexanone	<10	H	10		ug/L			08/08/11 20:29	1
Iodomethane	<5.0	H	5.0		ug/L			08/08/11 20:29	1
Isobutyl alcohol	<40	H	40		ug/L			08/08/11 20:29	1
Methacrylonitrile	<20	H	20		ug/L			08/08/11 20:29	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW05-072811

Lab Sample ID: 680-70860-5

Date Collected: 07/28/11 09:05

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<5.0	H	5.0		ug/L			08/08/11 20:29	1
Methyl methacrylate	<1.0	H	1.0		ug/L			08/08/11 20:29	1
4-Methyl-2-pentanone (MIBK)	<10	H	10		ug/L			08/08/11 20:29	1
Pentachloroethane	<5.0	H	5.0		ug/L			08/08/11 20:29	1
Propionitrile	<20	H	20		ug/L			08/08/11 20:29	1
Styrene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,1,1,2-Tetrachloroethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,1,2,2-Tetrachloroethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Tetrachloroethene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Toluene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,1,1-Trichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,1,2-Trichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Trichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Trichlorofluoromethane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
1,2,3-Trichloropropane	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Vinyl acetate	<2.0	H	2.0		ug/L			08/08/11 20:29	1
Vinyl chloride	<1.0	H	1.0		ug/L			08/08/11 20:29	1
Xylenes, Total	<2.0	H	2.0		ug/L			08/08/11 20:29	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		70 - 130					08/08/11 20:29	1
Dibromofluoromethane	109		70 - 130					08/08/11 20:29	1
Toluene-d8 (Surr)	100		70 - 130					08/08/11 20:29	1

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Client Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Client Sample ID: ASH-MW06-072811

Lab Sample ID: 680-70860-6

Date Collected: 07/28/11 08:05

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 17:07	1
Acetonitrile	<40		40		ug/L			08/02/11 17:07	1
Acrolein	<20		20		ug/L			08/02/11 17:07	1
Acrylonitrile	<20		20		ug/L			08/02/11 17:07	1
Benzene	<1.0		1.0		ug/L			08/02/11 17:07	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 17:07	1
Bromoform	<1.0 *		1.0		ug/L			08/02/11 17:07	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 17:07	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 17:07	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 17:07	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 17:07	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 17:07	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 17:07	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 17:07	1
Chloroform	<1.0		1.0		ug/L			08/02/11 17:07	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 17:07	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 17:07	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 17:07	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 17:07	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 17:07	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 17:07	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 17:07	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 17:07	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 17:07	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 17:07	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 17:07	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 17:07	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 17:07	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 17:07	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 17:07	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 17:07	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 17:07	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 17:07	1
2-Hexanone	<10		10		ug/L			08/02/11 17:07	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 17:07	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 17:07	1
Methacrylonitrile	<20		20		ug/L			08/02/11 17:07	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 17:07	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 17:07	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 17:07	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 17:07	1
Propionitrile	<20		20		ug/L			08/02/11 17:07	1
Styrene	<1.0		1.0		ug/L			08/02/11 17:07	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 17:07	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 17:07	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 17:07	1
Toluene	<1.0		1.0		ug/L			08/02/11 17:07	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 17:07	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 17:07	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 17:07	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW06-072811

Lab Sample ID: 680-70860-6

Date Collected: 07/28/11 08:05

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 17:07	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 17:07	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 17:07	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 17:07	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 17:07	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130		08/02/11 17:07	1
Dibromofluoromethane	107		70 - 130		08/02/11 17:07	1
Toluene-d8 (Surr)	100		70 - 130		08/02/11 17:07	1

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Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW16-072811

Lab Sample ID: 680-70860-7

Date Collected: 07/28/11 08:53

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 14:25	1
Acetonitrile	<40		40		ug/L			08/02/11 14:25	1
Acrolein	<20		20		ug/L			08/02/11 14:25	1
Acrylonitrile	<20		20		ug/L			08/02/11 14:25	1
Benzene	<1.0		1.0		ug/L			08/02/11 14:25	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 14:25	1
Bromoform	<1.0	*	1.0		ug/L			08/02/11 14:25	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 14:25	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 14:25	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 14:25	1
Carbon tetrachloride	<1.0	*	1.0		ug/L			08/02/11 14:25	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 14:25	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 14:25	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 14:25	1
Chloroform	<1.0		1.0		ug/L			08/02/11 14:25	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 14:25	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 14:25	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 14:25	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 14:25	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 14:25	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 14:25	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 14:25	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 14:25	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 14:25	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 14:25	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:25	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:25	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:25	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 14:25	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 14:25	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 14:25	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 14:25	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 14:25	1
2-Hexanone	<10		10		ug/L			08/02/11 14:25	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 14:25	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 14:25	1
Methacrylonitrile	<20		20		ug/L			08/02/11 14:25	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 14:25	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 14:25	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 14:25	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 14:25	1
Propionitrile	<20		20		ug/L			08/02/11 14:25	1
Styrene	<1.0		1.0		ug/L			08/02/11 14:25	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 14:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 14:25	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 14:25	1
Toluene	<1.0		1.0		ug/L			08/02/11 14:25	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 14:25	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 14:25	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 14:25	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW16-072811

Lab Sample ID: 680-70860-7

Date Collected: 07/28/11 08:53

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 14:25	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 14:25	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 14:25	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 14:25	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 14:25	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		08/02/11 14:25	1
Dibromofluoromethane	101		70 - 130		08/02/11 14:25	1
Toluene-d8 (Surr)	99		70 - 130		08/02/11 14:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25	H	25		ug/L			08/08/11 20:51	1
Acetonitrile	<40	H	40		ug/L			08/08/11 20:51	1
Acrolein	<20	H	20		ug/L			08/08/11 20:51	1
Acrylonitrile	<20	H	20		ug/L			08/08/11 20:51	1
Benzene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Dichlorobromomethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Bromoform	<1.0	H *	1.0		ug/L			08/08/11 20:51	1
Bromomethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
2-Butanone (MEK)	<10	H	10		ug/L			08/08/11 20:51	1
Carbon disulfide	<2.0	H	2.0		ug/L			08/08/11 20:51	1
Carbon tetrachloride	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Chlorobenzene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
2-Chloro-1,3-butadiene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Chloroethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Chloroform	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Chloromethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
3-Chloro-1-propene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Chlorodibromomethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,2-Dibromo-3-Chloropropane	<1.0	H *	1.0		ug/L			08/08/11 20:51	1
Ethylene Dibromide	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Dibromomethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
trans-1,4-Dichloro-2-butene	<2.0	H	2.0		ug/L			08/08/11 20:51	1
Dichlorodifluoromethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,1-Dichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,2-Dichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
cis-1,2-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
trans-1,2-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,1-Dichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,2-Dichloropropane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
cis-1,3-Dichloropropene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
trans-1,3-Dichloropropene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Ethylbenzene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Ethyl methacrylate	<1.0	H	1.0		ug/L			08/08/11 20:51	1
2-Hexanone	<10	H	10		ug/L			08/08/11 20:51	1
Iodomethane	<5.0	H	5.0		ug/L			08/08/11 20:51	1
Isobutyl alcohol	<40	H	40		ug/L			08/08/11 20:51	1
Methacrylonitrile	<20	H	20		ug/L			08/08/11 20:51	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW16-072811

Lab Sample ID: 680-70860-7

Date Collected: 07/28/11 08:53

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<5.0	H	5.0		ug/L			08/08/11 20:51	1
Methyl methacrylate	<1.0	H	1.0		ug/L			08/08/11 20:51	1
4-Methyl-2-pentanone (MIBK)	<10	H	10		ug/L			08/08/11 20:51	1
Pentachloroethane	<5.0	H	5.0		ug/L			08/08/11 20:51	1
Propionitrile	<20	H	20		ug/L			08/08/11 20:51	1
Styrene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,1,1,2-Tetrachloroethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,1,2,2-Tetrachloroethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Tetrachloroethene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Toluene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,1,1-Trichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,1,2-Trichloroethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Trichloroethene	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Trichlorofluoromethane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
1,2,3-Trichloropropane	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Vinyl acetate	<2.0	H	2.0		ug/L			08/08/11 20:51	1
Vinyl chloride	<1.0	H	1.0		ug/L			08/08/11 20:51	1
Xylenes, Total	<2.0	H	2.0		ug/L			08/08/11 20:51	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					08/08/11 20:51	1
Dibromofluoromethane	109		70 - 130					08/08/11 20:51	1
Toluene-d8 (Surr)	97		70 - 130					08/08/11 20:51	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW09-072811

Lab Sample ID: 680-70860-8

Date Collected: 07/28/11 10:10

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 15:10	1
Acetonitrile	<40		40		ug/L			08/02/11 15:10	1
Acrolein	<20		20		ug/L			08/02/11 15:10	1
Acrylonitrile	<20		20		ug/L			08/02/11 15:10	1
Benzene	<1.0		1.0		ug/L			08/02/11 15:10	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 15:10	1
Bromoform	<1.0	*	1.0		ug/L			08/02/11 15:10	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 15:10	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 15:10	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 15:10	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 15:10	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 15:10	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 15:10	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 15:10	1
Chloroform	<1.0		1.0		ug/L			08/02/11 15:10	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 15:10	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 15:10	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 15:10	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 15:10	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 15:10	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 15:10	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 15:10	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 15:10	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 15:10	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 15:10	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 15:10	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 15:10	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 15:10	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 15:10	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 15:10	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 15:10	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 15:10	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 15:10	1
2-Hexanone	<10		10		ug/L			08/02/11 15:10	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 15:10	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 15:10	1
Methacrylonitrile	<20		20		ug/L			08/02/11 15:10	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 15:10	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 15:10	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 15:10	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 15:10	1
Propionitrile	<20		20		ug/L			08/02/11 15:10	1
Styrene	<1.0		1.0		ug/L			08/02/11 15:10	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 15:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 15:10	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 15:10	1
Toluene	<1.0		1.0		ug/L			08/02/11 15:10	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 15:10	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 15:10	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 15:10	1



Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW09-072811

Lab Sample ID: 680-70860-8

Date Collected: 07/28/11 10:10

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 15:10	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 15:10	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 15:10	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 15:10	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 15:10	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		08/02/11 15:10	1
Dibromofluoromethane	106		70 - 130		08/02/11 15:10	1
Toluene-d8 (Surr)	99		70 - 130		08/02/11 15:10	1

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Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW07-072811

Lab Sample ID: 680-70860-9

Date Collected: 07/28/11 10:54

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 15:39	1
Acetonitrile	<40		40		ug/L			08/02/11 15:39	1
Acrolein	<20		20		ug/L			08/02/11 15:39	1
Acrylonitrile	<20		20		ug/L			08/02/11 15:39	1
Benzene	<1.0		1.0		ug/L			08/02/11 15:39	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 15:39	1
Bromoform	<1.0 *		1.0		ug/L			08/02/11 15:39	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 15:39	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 15:39	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 15:39	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 15:39	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 15:39	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 15:39	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 15:39	1
Chloroform	<1.0		1.0		ug/L			08/02/11 15:39	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 15:39	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 15:39	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 15:39	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 15:39	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 15:39	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 15:39	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 15:39	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 15:39	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 15:39	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 15:39	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 15:39	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 15:39	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 15:39	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 15:39	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 15:39	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 15:39	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 15:39	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 15:39	1
2-Hexanone	<10		10		ug/L			08/02/11 15:39	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 15:39	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 15:39	1
Methacrylonitrile	<20		20		ug/L			08/02/11 15:39	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 15:39	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 15:39	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 15:39	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 15:39	1
Propionitrile	<20		20		ug/L			08/02/11 15:39	1
Styrene	<1.0		1.0		ug/L			08/02/11 15:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 15:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 15:39	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 15:39	1
Toluene	<1.0		1.0		ug/L			08/02/11 15:39	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 15:39	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 15:39	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 15:39	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW07-072811

Lab Sample ID: 680-70860-9

Date Collected: 07/28/11 10:54

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 15:39	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 15:39	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 15:39	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 15:39	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 15:39	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130		08/02/11 15:39	1
Dibromofluoromethane	107		70 - 130		08/02/11 15:39	1
Toluene-d8 (Surr)	100		70 - 130		08/02/11 15:39	1

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Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70860-10

Date Collected: 07/28/11 00:00

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/02/11 14:40	1
Acetonitrile	<40		40		ug/L			08/02/11 14:40	1
Acrolein	<20		20		ug/L			08/02/11 14:40	1
Acrylonitrile	<20		20		ug/L			08/02/11 14:40	1
Benzene	<1.0		1.0		ug/L			08/02/11 14:40	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 14:40	1
Bromoform	<1.0 *		1.0		ug/L			08/02/11 14:40	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 14:40	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 14:40	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 14:40	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 14:40	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 14:40	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 14:40	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 14:40	1
Chloroform	<1.0		1.0		ug/L			08/02/11 14:40	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 14:40	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 14:40	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 14:40	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 14:40	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 14:40	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 14:40	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 14:40	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 14:40	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 14:40	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 14:40	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:40	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:40	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 14:40	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 14:40	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 14:40	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 14:40	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 14:40	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 14:40	1
2-Hexanone	<10		10		ug/L			08/02/11 14:40	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 14:40	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 14:40	1
Methacrylonitrile	<20		20		ug/L			08/02/11 14:40	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 14:40	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 14:40	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 14:40	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 14:40	1
Propionitrile	<20		20		ug/L			08/02/11 14:40	1
Styrene	<1.0		1.0		ug/L			08/02/11 14:40	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 14:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 14:40	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 14:40	1
Toluene	<1.0		1.0		ug/L			08/02/11 14:40	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 14:40	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 14:40	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 14:40	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70860-10

Date Collected: 07/28/11 00:00

Matrix: Water

Date Received: 07/29/11 09:27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 14:40	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 14:40	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 14:40	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 14:40	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 14:40	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		08/02/11 14:40	1
Dibromofluoromethane	108		70 - 130		08/02/11 14:40	1
Toluene-d8 (Surr)	102		70 - 130		08/02/11 14:40	1

- 1
- 2
- 3
- 4
- 5
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- 8
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- 11
- 12
- 13
- 14
- 15

Surrogate Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
680-70860-1	ASH-RS2-072811	107	105	94
680-70860-2	ASH-DUP-072811	95	108	98
680-70860-3 - RA	ASH-MW14-072811	94	107	100
680-70860-3	ASH-MW14-072811	101	102	97
680-70860-3 MS	ASH-MW14-072811	96	98	95
680-70860-3 MSD	ASH-MW14-072811	100	102	98
680-70860-4	ASH-MW15-072811	96	107	101
680-70860-5 - RA	ASH-MW05-072811	91	109	100
680-70860-5	ASH-MW05-072811	99	101	100
680-70860-6	ASH-MW06-072811	93	107	100
680-70860-7 - RA	ASH-MW16-072811	95	109	97
680-70860-7	ASH-MW16-072811	99	101	99
680-70860-8	ASH-MW09-072811	98	106	99
680-70860-9	ASH-MW07-072811	92	107	100
680-70860-10	Trip Blank 063011	94	108	102
LCS 680-210749/12	Lab Control Sample	103	108	103
LCS 680-211111/6	Lab Control Sample	101	103	97
LCS 680-211446/20	Lab Control Sample	108	115	109
LCS 680-211655/4	Lab Control Sample	93	92	93
LCSD 680-210749/13	Lab Control Sample Dup	102	102	98
LCSD 680-211111/7	Lab Control Sample Dup	102	103	99
LCSD 680-211446/21	Lab Control Sample Dup	97	104	101
LCSD 680-211655/5	Lab Control Sample Dup	98	100	95
MB 680-210749/14	Method Blank	94	107	99
MB 680-211111/9	Method Blank	110	107	95
MB 680-211446/23	Method Blank	93	108	100
MB 680-211655/7	Method Blank	98	101	96

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)



QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-210749/14

Matrix: Water

Analysis Batch: 210749

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<25		25		ug/L			08/02/11 11:15	1
Acetonitrile	<40		40		ug/L			08/02/11 11:15	1
Acrolein	<20		20		ug/L			08/02/11 11:15	1
Acrylonitrile	<20		20		ug/L			08/02/11 11:15	1
Benzene	<1.0		1.0		ug/L			08/02/11 11:15	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 11:15	1
Bromoform	<1.0		1.0		ug/L			08/02/11 11:15	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 11:15	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 11:15	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 11:15	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 11:15	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 11:15	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 11:15	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 11:15	1
Chloroform	<1.0		1.0		ug/L			08/02/11 11:15	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 11:15	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 11:15	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 11:15	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 11:15	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 11:15	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 11:15	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 11:15	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 11:15	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 11:15	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 11:15	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 11:15	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 11:15	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 11:15	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 11:15	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 11:15	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 11:15	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 11:15	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 11:15	1
2-Hexanone	<10		10		ug/L			08/02/11 11:15	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 11:15	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 11:15	1
Methacrylonitrile	<20		20		ug/L			08/02/11 11:15	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 11:15	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 11:15	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 11:15	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 11:15	1
Propionitrile	<20		20		ug/L			08/02/11 11:15	1
Styrene	<1.0		1.0		ug/L			08/02/11 11:15	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 11:15	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 11:15	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 11:15	1
Toluene	<1.0		1.0		ug/L			08/02/11 11:15	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 11:15	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 11:15	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-210749/14

Matrix: Water

Analysis Batch: 210749

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	<1.0		1.0		ug/L			08/02/11 11:15	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 11:15	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 11:15	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 11:15	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 11:15	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 11:15	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	94		70 - 130		08/02/11 11:15	1
Dibromofluoromethane	107		70 - 130		08/02/11 11:15	1
Toluene-d8 (Surr)	99		70 - 130		08/02/11 11:15	1

Lab Sample ID: LCS 680-210749/12

Matrix: Water

Analysis Batch: 210749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec Limits
Benzene	50.0	49.8		ug/L		100	70 - 130
Dichlorobromomethane	50.0	45.3		ug/L		91	70 - 130
Bromoform	50.0	34.8		ug/L		70	70 - 130
Bromomethane	50.0	27.7		ug/L		55	23 - 165
2-Butanone (MEK)	100	109		ug/L		109	49 - 172
Carbon disulfide	50.0	48.4		ug/L		97	54 - 132
Carbon tetrachloride	50.0	37.8		ug/L		76	70 - 130
Chlorobenzene	50.0	52.9		ug/L		106	70 - 130
Chloroethane	50.0	49.2		ug/L		98	56 - 152
Chloroform	50.0	52.2		ug/L		104	70 - 130
Chloromethane	50.0	53.3		ug/L		107	70 - 130
Chlorodibromomethane	50.0	41.3		ug/L		83	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	36.7		ug/L		73	70 - 130
Ethylene Dibromide	50.0	52.7		ug/L		105	70 - 130
Dibromomethane	50.0	51.1		ug/L		102	70 - 130
Dichlorodifluoromethane	50.0	52.3		ug/L		105	44 - 146
1,1-Dichloroethane	50.0	50.4		ug/L		101	70 - 130
1,2-Dichloroethane	50.0	49.5		ug/L		99	70 - 130
cis-1,2-Dichloroethene	50.0	52.6		ug/L		105	70 - 130
trans-1,2-Dichloroethene	50.0	52.3		ug/L		105	70 - 130
1,1-Dichloroethene	50.0	53.0		ug/L		106	66 - 131
1,2-Dichloropropane	50.0	49.3		ug/L		99	70 - 130
cis-1,3-Dichloropropene	50.0	45.8		ug/L		92	70 - 130
trans-1,3-Dichloropropene	50.0	45.4		ug/L		91	70 - 130
Ethylbenzene	50.0	50.7		ug/L		101	70 - 130
2-Hexanone	100	114		ug/L		114	42 - 185
Methylene Chloride	50.0	53.1		ug/L		106	67 - 130
4-Methyl-2-pentanone (MIBK)	100	97.5		ug/L		98	70 - 130
Styrene	50.0	53.8		ug/L		108	70 - 130
1,1,1,2-Tetrachloroethane	50.0	44.6		ug/L		89	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	51.0		ug/L		102	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-210749/12

Matrix: Water

Analysis Batch: 210749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Tetrachloroethene	50.0	53.2		ug/L		106	70 - 130
Toluene	50.0	50.7		ug/L		101	70 - 130
1,1,1-Trichloroethane	50.0	46.6		ug/L		93	70 - 130
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	70 - 130
Trichloroethene	50.0	51.9		ug/L		104	70 - 130
Trichlorofluoromethane	50.0	52.5		ug/L		105	55 - 156
1,2,3-Trichloropropane	50.0	52.3		ug/L		105	70 - 130
Vinyl acetate	100	94.8		ug/L		95	60 - 176
Vinyl chloride	50.0	53.6		ug/L		107	67 - 134
Xylenes, Total	150	157		ug/L		105	70 - 130

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	103		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: LCSD 680-210749/13

Matrix: Water

Analysis Batch: 210749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec. Limits	RPD	
		Result	Qualifier					RPD	Limit
Acetone	100	122		ug/L		122	26 - 180	3	50
Benzene	50.0	47.8		ug/L		96	70 - 130	4	30
Dichlorobromomethane	50.0	42.9		ug/L		86	70 - 130	5	30
Bromoform	50.0	33.0	*	ug/L		66	70 - 130	5	30
Bromomethane	50.0	28.5		ug/L		57	23 - 165	3	50
2-Butanone (MEK)	100	106		ug/L		106	49 - 172	3	30
Carbon disulfide	50.0	46.5		ug/L		93	54 - 132	4	30
Carbon tetrachloride	50.0	37.1		ug/L		74	70 - 130	2	30
Chlorobenzene	50.0	50.7		ug/L		101	70 - 130	4	30
Chloroethane	50.0	47.8		ug/L		96	56 - 152	3	40
Chloroform	50.0	50.8		ug/L		102	70 - 130	3	30
Chloromethane	50.0	51.0		ug/L		102	70 - 130	5	30
Chlorodibromomethane	50.0	38.9		ug/L		78	70 - 130	6	50
1,2-Dibromo-3-Chloropropane	50.0	35.7		ug/L		71	70 - 130	3	50
Ethylene Dibromide	50.0	48.4		ug/L		97	70 - 130	9	30
Dibromomethane	50.0	49.1		ug/L		98	70 - 130	4	30
Dichlorodifluoromethane	50.0	52.4		ug/L		105	44 - 146	0	50
1,1-Dichloroethane	50.0	48.5		ug/L		97	70 - 130	4	30
1,2-Dichloroethane	50.0	47.5		ug/L		95	70 - 130	4	30
cis-1,2-Dichloroethene	50.0	49.5		ug/L		99	70 - 130	6	30
trans-1,2-Dichloroethene	50.0	50.2		ug/L		100	70 - 130	4	30
1,1-Dichloroethene	50.0	52.3		ug/L		105	66 - 131	1	30
1,2-Dichloropropane	50.0	46.9		ug/L		94	70 - 130	5	30
cis-1,3-Dichloropropene	50.0	43.9		ug/L		88	70 - 130	4	30
trans-1,3-Dichloropropene	50.0	42.1		ug/L		84	70 - 130	8	50
Ethylbenzene	50.0	48.4		ug/L		97	70 - 130	5	30
2-Hexanone	100	109		ug/L		109	42 - 185	4	30
Methylene Chloride	50.0	51.1		ug/L		102	67 - 130	4	30

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-210749/13

Matrix: Water

Analysis Batch: 210749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
4-Methyl-2-pentanone (MIBK)	100	93.7		ug/L		94	70 - 130	4	30
Styrene	50.0	52.3		ug/L		105	70 - 130	3	30
1,1,1,2-Tetrachloroethane	50.0	41.5		ug/L		83	70 - 130	7	30
1,1,2,2-Tetrachloroethane	50.0	49.3		ug/L		99	70 - 130	3	30
Tetrachloroethene	50.0	51.1		ug/L		102	70 - 130	4	30
Toluene	50.0	47.0		ug/L		94	70 - 130	8	30
1,1,1-Trichloroethane	50.0	44.1		ug/L		88	70 - 130	6	30
1,1,2-Trichloroethane	50.0	48.7		ug/L		97	70 - 130	7	30
Trichloroethene	50.0	50.2		ug/L		100	70 - 130	3	30
Trichlorofluoromethane	50.0	52.7		ug/L		105	55 - 156	0	30
1,2,3-Trichloropropane	50.0	50.4		ug/L		101	70 - 130	4	30
Vinyl acetate	100	96.1		ug/L		96	60 - 176	1	30
Vinyl chloride	50.0	51.6		ug/L		103	67 - 134	4	30
Xylenes, Total	150	152		ug/L		101	70 - 130	4	30

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 680-211111/9

Matrix: Water

Analysis Batch: 211111

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<25		25		ug/L		08/04/11 12:39		1
Acetonitrile	<40		40		ug/L		08/04/11 12:39		1
Acrolein	<20		20		ug/L		08/04/11 12:39		1
Acrylonitrile	<20		20		ug/L		08/04/11 12:39		1
Benzene	<1.0		1.0		ug/L		08/04/11 12:39		1
Dichlorobromomethane	<1.0		1.0		ug/L		08/04/11 12:39		1
Bromoform	<1.0		1.0		ug/L		08/04/11 12:39		1
Bromomethane	<1.0		1.0		ug/L		08/04/11 12:39		1
2-Butanone (MEK)	<10		10		ug/L		08/04/11 12:39		1
Carbon disulfide	<2.0		2.0		ug/L		08/04/11 12:39		1
Carbon tetrachloride	<1.0		1.0		ug/L		08/04/11 12:39		1
Chlorobenzene	<1.0		1.0		ug/L		08/04/11 12:39		1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L		08/04/11 12:39		1
Chloroethane	<1.0		1.0		ug/L		08/04/11 12:39		1
Chloroform	<1.0		1.0		ug/L		08/04/11 12:39		1
Chloromethane	<1.0		1.0		ug/L		08/04/11 12:39		1
3-Chloro-1-propene	<1.0		1.0		ug/L		08/04/11 12:39		1
Chlorodibromomethane	<1.0		1.0		ug/L		08/04/11 12:39		1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L		08/04/11 12:39		1
Ethylene Dibromide	<1.0		1.0		ug/L		08/04/11 12:39		1
Dibromomethane	<1.0		1.0		ug/L		08/04/11 12:39		1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L		08/04/11 12:39		1
Dichlorodifluoromethane	<1.0		1.0		ug/L		08/04/11 12:39		1
1,1-Dichloroethane	<1.0		1.0		ug/L		08/04/11 12:39		1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-211111/9

Matrix: Water

Analysis Batch: 211111

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dichloroethane	<1.0		1.0		ug/L			08/04/11 12:39	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/11 12:39	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/11 12:39	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/04/11 12:39	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/04/11 12:39	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/04/11 12:39	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/04/11 12:39	1
Ethylbenzene	<1.0		1.0		ug/L			08/04/11 12:39	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/04/11 12:39	1
2-Hexanone	<10		10		ug/L			08/04/11 12:39	1
Iodomethane	<5.0		5.0		ug/L			08/04/11 12:39	1
Isobutyl alcohol	<40		40		ug/L			08/04/11 12:39	1
Methacrylonitrile	<20		20		ug/L			08/04/11 12:39	1
Methylene Chloride	<5.0		5.0		ug/L			08/04/11 12:39	1
Methyl methacrylate	<1.0		1.0		ug/L			08/04/11 12:39	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/04/11 12:39	1
Pentachloroethane	<5.0		5.0		ug/L			08/04/11 12:39	1
Propionitrile	<20		20		ug/L			08/04/11 12:39	1
Styrene	<1.0		1.0		ug/L			08/04/11 12:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/11 12:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/11 12:39	1
Tetrachloroethene	<1.0		1.0		ug/L			08/04/11 12:39	1
Toluene	<1.0		1.0		ug/L			08/04/11 12:39	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/04/11 12:39	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/04/11 12:39	1
Trichloroethene	<1.0		1.0		ug/L			08/04/11 12:39	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/04/11 12:39	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/04/11 12:39	1
Vinyl acetate	<2.0		2.0		ug/L			08/04/11 12:39	1
Vinyl chloride	<1.0		1.0		ug/L			08/04/11 12:39	1
Xylenes, Total	<2.0		2.0		ug/L			08/04/11 12:39	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	110		70 - 130		08/04/11 12:39	1
Dibromofluoromethane	107		70 - 130		08/04/11 12:39	1
Toluene-d8 (Surr)	95		70 - 130		08/04/11 12:39	1

Lab Sample ID: LCS 680-211111/6

Matrix: Water

Analysis Batch: 211111

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	47.6		ug/L		95	70 - 130
Dichlorobromomethane	50.0	50.1		ug/L		100	70 - 130
Bromoform	50.0	55.4		ug/L		111	70 - 130
Bromomethane	50.0	29.2		ug/L		58	23 - 165
2-Butanone (MEK)	100	89.3		ug/L		89	49 - 172
Carbon disulfide	50.0	48.1		ug/L		96	54 - 132

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-211111/6

Matrix: Water

Analysis Batch: 211111

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	Limits
	Added	Result	Qualifier					
Carbon tetrachloride	50.0	52.4		ug/L		105	70 - 130	
Chlorobenzene	50.0	52.0		ug/L		104	70 - 130	
Chloroethane	50.0	37.1		ug/L		74	56 - 152	
Chloroform	50.0	50.7		ug/L		101	70 - 130	
Chloromethane	50.0	46.6		ug/L		93	70 - 130	
Chlorodibromomethane	50.0	55.0		ug/L		110	70 - 130	
1,2-Dibromo-3-Chloropropane	50.0	43.0		ug/L		86	70 - 130	
Ethylene Dibromide	50.0	40.8		ug/L		82	70 - 130	
Dibromomethane	50.0	45.0		ug/L		90	70 - 130	
Dichlorodifluoromethane	50.0	50.9		ug/L		102	44 - 146	
1,1-Dichloroethane	50.0	48.0		ug/L		96	70 - 130	
1,2-Dichloroethane	50.0	46.7		ug/L		93	70 - 130	
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	70 - 130	
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 130	
1,1-Dichloroethene	50.0	50.1		ug/L		100	66 - 131	
1,2-Dichloropropane	50.0	46.4		ug/L		93	70 - 130	
cis-1,3-Dichloropropene	50.0	46.7		ug/L		93	70 - 130	
trans-1,3-Dichloropropene	50.0	47.9		ug/L		96	70 - 130	
Ethylbenzene	50.0	50.8		ug/L		102	70 - 130	
2-Hexanone	100	91.1		ug/L		91	42 - 185	
Methylene Chloride	50.0	50.8		ug/L		102	67 - 130	
4-Methyl-2-pentanone (MIBK)	100	89.2		ug/L		89	70 - 130	
Styrene	50.0	53.3		ug/L		107	70 - 130	
1,1,1,2-Tetrachloroethane	50.0	54.4		ug/L		109	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	50.0		ug/L		100	70 - 130	
Tetrachloroethene	50.0	55.0		ug/L		110	70 - 130	
Toluene	50.0	49.2		ug/L		98	70 - 130	
1,1,1-Trichloroethane	50.0	51.0		ug/L		102	70 - 130	
1,1,2-Trichloroethane	50.0	48.1		ug/L		96	70 - 130	
Trichloroethene	50.0	50.8		ug/L		102	70 - 130	
Trichlorofluoromethane	50.0	48.9		ug/L		98	55 - 156	
1,2,3-Trichloropropane	50.0	47.9		ug/L		96	70 - 130	
Vinyl acetate	100	106		ug/L		106	60 - 176	
Vinyl chloride	50.0	42.1		ug/L		84	67 - 134	
Xylenes, Total	150	157		ug/L		105	70 - 130	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 680-211111/7

Matrix: Water

Analysis Batch: 211111

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	Limit
	Added	Result	Qualifier						
Acetone	100	90.8		ug/L		91	26 - 180	3	50
Benzene	50.0	48.2		ug/L		96	70 - 130	1	30
Dichlorobromomethane	50.0	50.8		ug/L		102	70 - 130	1	30

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-211111/7

Matrix: Water

Analysis Batch: 211111

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD		Unit	D	% Rec	% Rec.		RPD	RPD Limit
	Added	Result	Qualifier				Limits	RPD		
Bromoform	50.0	54.1		ug/L		108	70 - 130	2	30	
Bromomethane	50.0	34.9		ug/L		70	23 - 165	18	50	
2-Butanone (MEK)	100	91.0		ug/L		91	49 - 172	2	30	
Carbon disulfide	50.0	47.1		ug/L		94	54 - 132	2	30	
Carbon tetrachloride	50.0	52.8		ug/L		106	70 - 130	1	30	
Chlorobenzene	50.0	51.5		ug/L		103	70 - 130	1	30	
Chloroethane	50.0	38.4		ug/L		77	56 - 152	4	40	
Chloroform	50.0	50.1		ug/L		100	70 - 130	1	30	
Chloromethane	50.0	45.1		ug/L		90	70 - 130	3	30	
Chlorodibromomethane	50.0	54.5		ug/L		109	70 - 130	1	50	
1,2-Dibromo-3-Chloropropane	50.0	44.9		ug/L		90	70 - 130	4	50	
Ethylene Dibromide	50.0	42.4		ug/L		85	70 - 130	4	30	
Dibromomethane	50.0	47.7		ug/L		95	70 - 130	6	30	
Dichlorodifluoromethane	50.0	48.4		ug/L		97	44 - 146	5	50	
1,1-Dichloroethane	50.0	47.9		ug/L		96	70 - 130	0	30	
1,2-Dichloroethane	50.0	48.0		ug/L		96	70 - 130	3	30	
cis-1,2-Dichloroethene	50.0	50.0		ug/L		100	70 - 130	1	30	
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 130	1	30	
1,1-Dichloroethene	50.0	50.2		ug/L		100	66 - 131	0	30	
1,2-Dichloropropane	50.0	47.2		ug/L		94	70 - 130	2	30	
cis-1,3-Dichloropropene	50.0	46.4		ug/L		93	70 - 130	1	30	
trans-1,3-Dichloropropene	50.0	47.7		ug/L		95	70 - 130	0	50	
Ethylbenzene	50.0	50.3		ug/L		101	70 - 130	1	30	
2-Hexanone	100	93.1		ug/L		93	42 - 185	2	30	
Methylene Chloride	50.0	50.2		ug/L		100	67 - 130	1	30	
4-Methyl-2-pentanone (MIBK)	100	91.8		ug/L		92	70 - 130	3	30	
Styrene	50.0	53.1		ug/L		106	70 - 130	0	30	
1,1,1,2-Tetrachloroethane	50.0	53.3		ug/L		107	70 - 130	2	30	
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/L		100	70 - 130	0	30	
Tetrachloroethene	50.0	54.2		ug/L		108	70 - 130	2	30	
Toluene	50.0	50.9		ug/L		102	70 - 130	3	30	
1,1,1-Trichloroethane	50.0	51.3		ug/L		103	70 - 130	0	30	
1,1,2-Trichloroethane	50.0	50.2		ug/L		100	70 - 130	4	30	
Trichloroethene	50.0	51.8		ug/L		104	70 - 130	2	30	
Trichlorofluoromethane	50.0	47.9		ug/L		96	55 - 156	2	30	
1,2,3-Trichloropropane	50.0	48.2		ug/L		96	70 - 130	1	30	
Vinyl acetate	100	122		ug/L		122	60 - 176	14	30	
Vinyl chloride	50.0	39.7		ug/L		79	67 - 134	6	30	
Xylenes, Total	150	155		ug/L		103	70 - 130	1	30	

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	99		70 - 130

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-211446/23

Matrix: Water

Analysis Batch: 211446

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<25		25		ug/L			08/08/11 18:19	1
Acetonitrile	<40		40		ug/L			08/08/11 18:19	1
Acrolein	<20		20		ug/L			08/08/11 18:19	1
Acrylonitrile	<20		20		ug/L			08/08/11 18:19	1
Benzene	<1.0		1.0		ug/L			08/08/11 18:19	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/08/11 18:19	1
Bromoform	<1.0		1.0		ug/L			08/08/11 18:19	1
Bromomethane	<1.0		1.0		ug/L			08/08/11 18:19	1
2-Butanone (MEK)	<10		10		ug/L			08/08/11 18:19	1
Carbon disulfide	<2.0		2.0		ug/L			08/08/11 18:19	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/08/11 18:19	1
Chlorobenzene	<1.0		1.0		ug/L			08/08/11 18:19	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/08/11 18:19	1
Chloroethane	<1.0		1.0		ug/L			08/08/11 18:19	1
Chloroform	<1.0		1.0		ug/L			08/08/11 18:19	1
Chloromethane	<1.0		1.0		ug/L			08/08/11 18:19	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/08/11 18:19	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/08/11 18:19	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/08/11 18:19	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/08/11 18:19	1
Dibromomethane	<1.0		1.0		ug/L			08/08/11 18:19	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/08/11 18:19	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/08/11 18:19	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/08/11 18:19	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/08/11 18:19	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/08/11 18:19	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/08/11 18:19	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/08/11 18:19	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/08/11 18:19	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/08/11 18:19	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/08/11 18:19	1
Ethylbenzene	<1.0		1.0		ug/L			08/08/11 18:19	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/08/11 18:19	1
2-Hexanone	<10		10		ug/L			08/08/11 18:19	1
Iodomethane	<5.0		5.0		ug/L			08/08/11 18:19	1
Isobutyl alcohol	<40		40		ug/L			08/08/11 18:19	1
Methacrylonitrile	<20		20		ug/L			08/08/11 18:19	1
Methylene Chloride	<5.0		5.0		ug/L			08/08/11 18:19	1
Methyl methacrylate	<1.0		1.0		ug/L			08/08/11 18:19	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/08/11 18:19	1
Pentachloroethane	<5.0		5.0		ug/L			08/08/11 18:19	1
Propionitrile	<20		20		ug/L			08/08/11 18:19	1
Styrene	<1.0		1.0		ug/L			08/08/11 18:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/08/11 18:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/08/11 18:19	1
Tetrachloroethene	<1.0		1.0		ug/L			08/08/11 18:19	1
Toluene	<1.0		1.0		ug/L			08/08/11 18:19	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/08/11 18:19	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/08/11 18:19	1

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-211446/23

Matrix: Water

Analysis Batch: 211446

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	<1.0		1.0		ug/L			08/08/11 18:19	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/08/11 18:19	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/08/11 18:19	1
Vinyl acetate	<2.0		2.0		ug/L			08/08/11 18:19	1
Vinyl chloride	<1.0		1.0		ug/L			08/08/11 18:19	1
Xylenes, Total	<2.0		2.0		ug/L			08/08/11 18:19	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	93		70 - 130		08/08/11 18:19	1
Dibromofluoromethane	108		70 - 130		08/08/11 18:19	1
Toluene-d8 (Surr)	100		70 - 130		08/08/11 18:19	1

Lab Sample ID: LCS 680-211446/20

Matrix: Water

Analysis Batch: 211446

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Acetone	100	126		ug/L		126	26 - 180
Benzene	50.0	53.1		ug/L		106	70 - 130
Dichlorobromomethane	50.0	47.0		ug/L		94	70 - 130
Bromoform	50.0	34.1 *		ug/L		68	70 - 130
Bromomethane	50.0	30.9		ug/L		62	23 - 165
2-Butanone (MEK)	100	117		ug/L		117	49 - 172
Carbon disulfide	50.0	52.9		ug/L		106	54 - 132
Carbon tetrachloride	50.0	37.5		ug/L		75	70 - 130
Chlorobenzene	50.0	54.5		ug/L		109	70 - 130
Chloroethane	50.0	45.7		ug/L		91	56 - 152
Chloroform	50.0	56.3		ug/L		113	70 - 130
Chloromethane	50.0	49.9		ug/L		100	70 - 130
Chlorodibromomethane	50.0	41.0		ug/L		82	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	38.4		ug/L		77	70 - 130
Ethylene Dibromide	50.0	54.5		ug/L		109	70 - 130
Dibromomethane	50.0	54.8		ug/L		110	70 - 130
Dichlorodifluoromethane	50.0	51.8		ug/L		104	44 - 146
1,1-Dichloroethane	50.0	55.2		ug/L		110	70 - 130
1,2-Dichloroethane	50.0	51.7		ug/L		103	70 - 130
cis-1,2-Dichloroethene	50.0	57.7		ug/L		115	70 - 130
trans-1,2-Dichloroethene	50.0	56.1		ug/L		112	70 - 130
1,1-Dichloroethene	50.0	57.5		ug/L		115	66 - 131
1,2-Dichloropropane	50.0	54.3		ug/L		109	70 - 130
cis-1,3-Dichloropropene	50.0	48.7		ug/L		97	70 - 130
trans-1,3-Dichloropropene	50.0	47.1		ug/L		94	70 - 130
Ethylbenzene	50.0	52.3		ug/L		105	70 - 130
2-Hexanone	100	116		ug/L		116	42 - 185
Methylene Chloride	50.0	57.9		ug/L		116	67 - 130
4-Methyl-2-pentanone (MIBK)	100	108		ug/L		108	70 - 130
Styrene	50.0	56.2		ug/L		112	70 - 130
1,1,1,2-Tetrachloroethane	50.0	43.1		ug/L		86	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-211446/20

Matrix: Water

Analysis Batch: 211446

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Tetrachloroethene	50.0	55.6		ug/L		111	70 - 130
Toluene	50.0	53.0		ug/L		106	70 - 130
1,1,1-Trichloroethane	50.0	46.4		ug/L		93	70 - 130
1,1,2-Trichloroethane	50.0	55.2		ug/L		110	70 - 130
Trichloroethene	50.0	54.5		ug/L		109	70 - 130
Trichlorofluoromethane	50.0	52.8		ug/L		106	55 - 156
1,2,3-Trichloropropane	50.0	56.0		ug/L		112	70 - 130
Vinyl acetate	100	107		ug/L		107	60 - 176
Vinyl chloride	50.0	53.8		ug/L		108	67 - 134
Xylenes, Total	150	163		ug/L		108	70 - 130

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	108		70 - 130
Dibromofluoromethane	115		70 - 130
Toluene-d8 (Surr)	109		70 - 130

Lab Sample ID: LCSD 680-211446/21

Matrix: Water

Analysis Batch: 211446

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec. Limits	RPD	
		Result	Qualifier					RPD	Limit
Acetone	100	113		ug/L		113	26 - 180	11	50
Benzene	50.0	49.3		ug/L		99	70 - 130	8	30
Dichlorobromomethane	50.0	43.5		ug/L		87	70 - 130	8	30
Bromoform	50.0	30.4	*	ug/L		61	70 - 130	11	30
Bromomethane	50.0	29.8		ug/L		60	23 - 165	3	50
2-Butanone (MEK)	100	106		ug/L		106	49 - 172	10	30
Carbon disulfide	50.0	47.6		ug/L		95	54 - 132	11	30
Carbon tetrachloride	50.0	35.9		ug/L		72	70 - 130	5	30
Chlorobenzene	50.0	49.1		ug/L		98	70 - 130	10	30
Chloroethane	50.0	36.7		ug/L		73	56 - 152	22	40
Chloroform	50.0	51.3		ug/L		103	70 - 130	9	30
Chloromethane	50.0	45.6		ug/L		91	70 - 130	9	30
Chlorodibromomethane	50.0	36.2		ug/L		72	70 - 130	12	50
1,2-Dibromo-3-Chloropropane	50.0	34.0	*	ug/L		68	70 - 130	12	50
Ethylene Dibromide	50.0	50.7		ug/L		101	70 - 130	7	30
Dibromomethane	50.0	50.3		ug/L		101	70 - 130	9	30
Dichlorodifluoromethane	50.0	47.3		ug/L		95	44 - 146	9	50
1,1-Dichloroethane	50.0	50.2		ug/L		100	70 - 130	9	30
1,2-Dichloroethane	50.0	47.6		ug/L		95	70 - 130	8	30
cis-1,2-Dichloroethene	50.0	52.0		ug/L		104	70 - 130	10	30
trans-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 130	10	30
1,1-Dichloroethene	50.0	51.7		ug/L		103	66 - 131	11	30
1,2-Dichloropropane	50.0	49.5		ug/L		99	70 - 130	9	30
cis-1,3-Dichloropropene	50.0	45.0		ug/L		90	70 - 130	8	30
trans-1,3-Dichloropropene	50.0	43.6		ug/L		87	70 - 130	8	50
Ethylbenzene	50.0	46.3		ug/L		93	70 - 130	12	30
2-Hexanone	100	106		ug/L		106	42 - 185	9	30
Methylene Chloride	50.0	52.6		ug/L		105	67 - 130	10	30

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-211446/21

Matrix: Water

Analysis Batch: 211446

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	% Rec	% Rec.		RPD
		Result	Qualifier				Limits	RPD	
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	70 - 130	7	30
Styrene	50.0	50.4		ug/L		101	70 - 130	11	30
1,1,1,2-Tetrachloroethane	50.0	39.1		ug/L		78	70 - 130	10	30
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L		98	70 - 130	10	30
Tetrachloroethene	50.0	49.5		ug/L		99	70 - 130	12	30
Toluene	50.0	48.7		ug/L		97	70 - 130	8	30
1,1,1-Trichloroethane	50.0	43.8		ug/L		88	70 - 130	6	30
1,1,2-Trichloroethane	50.0	50.8		ug/L		102	70 - 130	8	30
Trichloroethene	50.0	50.6		ug/L		101	70 - 130	7	30
Trichlorofluoromethane	50.0	48.2		ug/L		96	55 - 156	9	30
1,2,3-Trichloropropane	50.0	47.7		ug/L		95	70 - 130	16	30
Vinyl acetate	100	93.6		ug/L		94	60 - 176	14	30
Vinyl chloride	50.0	47.6		ug/L		95	67 - 134	12	30
Xylenes, Total	150	146		ug/L		97	70 - 130	11	30

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	97		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 680-211655/7

Matrix: Water

Analysis Batch: 211655

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<25		25		ug/L			08/02/11 11:29	1
Acetonitrile	<40		40		ug/L			08/02/11 11:29	1
Acrolein	<20		20		ug/L			08/02/11 11:29	1
Acrylonitrile	<20		20		ug/L			08/02/11 11:29	1
Benzene	<1.0		1.0		ug/L			08/02/11 11:29	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/02/11 11:29	1
Bromoform	<1.0		1.0		ug/L			08/02/11 11:29	1
Bromomethane	<1.0		1.0		ug/L			08/02/11 11:29	1
2-Butanone (MEK)	<10		10		ug/L			08/02/11 11:29	1
Carbon disulfide	<2.0		2.0		ug/L			08/02/11 11:29	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/11 11:29	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/11 11:29	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/02/11 11:29	1
Chloroethane	<1.0		1.0		ug/L			08/02/11 11:29	1
Chloroform	<1.0		1.0		ug/L			08/02/11 11:29	1
Chloromethane	<1.0		1.0		ug/L			08/02/11 11:29	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/02/11 11:29	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/02/11 11:29	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/02/11 11:29	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/11 11:29	1
Dibromomethane	<1.0		1.0		ug/L			08/02/11 11:29	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/02/11 11:29	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/11 11:29	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/11 11:29	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-211655/7
Matrix: Water
Analysis Batch: 211655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/11 11:29	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 11:29	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/11 11:29	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/11 11:29	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/11 11:29	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 11:29	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/02/11 11:29	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/11 11:29	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/02/11 11:29	1
2-Hexanone	<10		10		ug/L			08/02/11 11:29	1
Iodomethane	<5.0		5.0		ug/L			08/02/11 11:29	1
Isobutyl alcohol	<40		40		ug/L			08/02/11 11:29	1
Methacrylonitrile	<20		20		ug/L			08/02/11 11:29	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/11 11:29	1
Methyl methacrylate	<1.0		1.0		ug/L			08/02/11 11:29	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/02/11 11:29	1
Pentachloroethane	<5.0		5.0		ug/L			08/02/11 11:29	1
Propionitrile	<20		20		ug/L			08/02/11 11:29	1
Styrene	<1.0		1.0		ug/L			08/02/11 11:29	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 11:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/11 11:29	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/11 11:29	1
Toluene	<1.0		1.0		ug/L			08/02/11 11:29	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/11 11:29	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/02/11 11:29	1
Trichloroethene	<1.0		1.0		ug/L			08/02/11 11:29	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/11 11:29	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/02/11 11:29	1
Vinyl acetate	<2.0		2.0		ug/L			08/02/11 11:29	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/11 11:29	1
Xylenes, Total	<2.0		2.0		ug/L			08/02/11 11:29	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	98		70 - 130		08/02/11 11:29	1
Dibromofluoromethane	101		70 - 130		08/02/11 11:29	1
Toluene-d8 (Surr)	96		70 - 130		08/02/11 11:29	1

Lab Sample ID: LCS 680-211655/4
Matrix: Water
Analysis Batch: 211655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	45.1		ug/L		90	70 - 130
Dichlorobromomethane	50.0	40.1		ug/L		80	70 - 130
Bromoform	50.0	30.2	*	ug/L		60	70 - 130
Bromomethane	50.0	52.0		ug/L		104	23 - 165
2-Butanone (MEK)	100	100		ug/L		100	49 - 172
Carbon disulfide	50.0	41.8		ug/L		84	54 - 132

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-211655/4

Matrix: Water

Analysis Batch: 211655

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	Limits
	Added	Result	Qualifier					
Carbon tetrachloride	50.0	33.9	*	ug/L		68		70 - 130
Chlorobenzene	50.0	49.2		ug/L		98		70 - 130
Chloroethane	50.0	42.9		ug/L		86		56 - 152
Chloroform	50.0	45.5		ug/L		91		70 - 130
Chloromethane	50.0	50.7		ug/L		101		70 - 130
Chlorodibromomethane	50.0	36.8		ug/L		74		70 - 130
1,2-Dibromo-3-Chloropropane	50.0	39.8		ug/L		80		70 - 130
Ethylene Dibromide	50.0	46.1		ug/L		92		70 - 130
Dibromomethane	50.0	47.6		ug/L		95		70 - 130
Dichlorodifluoromethane	50.0	45.2		ug/L		90		44 - 146
1,1-Dichloroethane	50.0	43.7		ug/L		87		70 - 130
1,2-Dichloroethane	50.0	45.1		ug/L		90		70 - 130
cis-1,2-Dichloroethene	50.0	45.9		ug/L		92		70 - 130
trans-1,2-Dichloroethene	50.0	45.7		ug/L		91		70 - 130
1,1-Dichloroethene	50.0	46.2		ug/L		92		66 - 131
1,2-Dichloropropane	50.0	45.4		ug/L		91		70 - 130
cis-1,3-Dichloropropene	50.0	42.4		ug/L		85		70 - 130
trans-1,3-Dichloropropene	50.0	40.8		ug/L		82		70 - 130
Ethylbenzene	50.0	46.4		ug/L		93		70 - 130
2-Hexanone	100	96.8		ug/L		97		42 - 185
Methylene Chloride	50.0	43.0		ug/L		86		67 - 130
4-Methyl-2-pentanone (MIBK)	100	91.5		ug/L		92		70 - 130
Styrene	50.0	48.1		ug/L		96		70 - 130
1,1,1,2-Tetrachloroethane	50.0	40.4		ug/L		81		70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.7		ug/L		93		70 - 130
Tetrachloroethene	50.0	50.1		ug/L		100		70 - 130
Toluene	50.0	45.0		ug/L		90		70 - 130
1,1,1-Trichloroethane	50.0	41.9		ug/L		84		70 - 130
1,1,2-Trichloroethane	50.0	45.3		ug/L		91		70 - 130
Trichloroethene	50.0	47.9		ug/L		96		70 - 130
Trichlorofluoromethane	50.0	44.7		ug/L		89		55 - 156
1,2,3-Trichloropropane	50.0	47.2		ug/L		94		70 - 130
Vinyl acetate	100	90.4		ug/L		90		60 - 176
Vinyl chloride	50.0	44.4		ug/L		89		67 - 134
Xylenes, Total	150	139		ug/L		93		70 - 130

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	93		70 - 130
Dibromofluoromethane	92		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: LCSD 680-211655/5

Matrix: Water

Analysis Batch: 211655

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	Limits	RPD	Limit
	Added	Result	Qualifier							
Acetone	100	105		ug/L		105		26 - 180	0	50
Benzene	50.0	47.4		ug/L		95		70 - 130	5	30
Dichlorobromomethane	50.0	43.3		ug/L		87		70 - 130	8	30

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-211655/5

Matrix: Water

Analysis Batch: 211655

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	% Rec	% Rec.		RPD	RPD Limit
		Result	Qualifier				Limits	RPD		
Bromoform	50.0	33.6	*	ug/L		67	70 - 130	11	30	
Bromomethane	50.0	47.4		ug/L		95	23 - 165	9	50	
2-Butanone (MEK)	100	107		ug/L		107	49 - 172	7	30	
Carbon disulfide	50.0	41.8		ug/L		84	54 - 132	0	30	
Carbon tetrachloride	50.0	36.0		ug/L		72	70 - 130	6	30	
Chlorobenzene	50.0	50.9		ug/L		102	70 - 130	3	30	
Chloroethane	50.0	44.6		ug/L		89	56 - 152	4	40	
Chloroform	50.0	49.2		ug/L		98	70 - 130	8	30	
Chloromethane	50.0	51.5		ug/L		103	70 - 130	1	30	
Chlorodibromomethane	50.0	40.8		ug/L		82	70 - 130	10	50	
1,2-Dibromo-3-Chloropropane	50.0	42.8		ug/L		86	70 - 130	7	50	
Ethylene Dibromide	50.0	49.4		ug/L		99	70 - 130	7	30	
Dibromomethane	50.0	50.1		ug/L		100	70 - 130	5	30	
Dichlorodifluoromethane	50.0	45.5		ug/L		91	44 - 146	1	50	
1,1-Dichloroethane	50.0	46.5		ug/L		93	70 - 130	6	30	
1,2-Dichloroethane	50.0	48.0		ug/L		96	70 - 130	6	30	
cis-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 130	7	30	
trans-1,2-Dichloroethene	50.0	49.0		ug/L		98	70 - 130	7	30	
1,1-Dichloroethene	50.0	49.4		ug/L		99	66 - 131	7	30	
1,2-Dichloropropane	50.0	47.5		ug/L		95	70 - 130	4	30	
cis-1,3-Dichloropropene	50.0	45.5		ug/L		91	70 - 130	7	30	
trans-1,3-Dichloropropene	50.0	44.3		ug/L		89	70 - 130	8	50	
Ethylbenzene	50.0	48.1		ug/L		96	70 - 130	4	30	
2-Hexanone	100	104		ug/L		104	42 - 185	8	30	
Methylene Chloride	50.0	44.3		ug/L		89	67 - 130	3	30	
4-Methyl-2-pentanone (MIBK)	100	96.4		ug/L		96	70 - 130	5	30	
Styrene	50.0	49.7		ug/L		99	70 - 130	3	30	
1,1,1,2-Tetrachloroethane	50.0	43.0		ug/L		86	70 - 130	6	30	
1,1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L		99	70 - 130	6	30	
Tetrachloroethene	50.0	51.9		ug/L		104	70 - 130	3	30	
Toluene	50.0	45.8		ug/L		92	70 - 130	2	30	
1,1,1-Trichloroethane	50.0	45.4		ug/L		91	70 - 130	8	30	
1,1,2-Trichloroethane	50.0	48.5		ug/L		97	70 - 130	7	30	
Trichloroethene	50.0	50.7		ug/L		101	70 - 130	6	30	
Trichlorofluoromethane	50.0	45.9		ug/L		92	55 - 156	3	30	
1,2,3-Trichloropropane	50.0	49.9		ug/L		100	70 - 130	5	30	
Vinyl acetate	100	100		ug/L		100	60 - 176	10	30	
Vinyl chloride	50.0	45.0		ug/L		90	67 - 134	1	30	
Xylenes, Total	150	146		ug/L		98	70 - 130	5	30	

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	98		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8 (Surr)	95		70 - 130

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-70860-3 MS

Matrix: Water

Analysis Batch: 211655

Client Sample ID: ASH-MW14-072811

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Acetone	<25		100	86.2		ug/L		75	26 - 180
Benzene	<1.0		50.0	46.4		ug/L		93	70 - 130
Dichlorobromomethane	<1.0		50.0	37.9		ug/L		76	70 - 130
Bromoform	<1.0	*	50.0	25.9	F	ug/L		52	70 - 130
Bromomethane	<1.0		50.0	29.6		ug/L		59	23 - 165
2-Butanone (MEK)	<10		100	93.1		ug/L		93	49 - 172
Carbon disulfide	<2.0		50.0	42.2		ug/L		84	54 - 132
Carbon tetrachloride	<1.0	*	50.0	29.3	F	ug/L		59	70 - 130
Chlorobenzene	<1.0		50.0	49.2		ug/L		98	70 - 130
Chloroethane	<1.0		50.0	40.5		ug/L		81	56 - 152
Chloroform	<1.0		50.0	47.7		ug/L		95	70 - 130
Chloromethane	<1.0		50.0	50.6		ug/L		101	70 - 130
Chlorodibromomethane	<1.0		50.0	32.8	F	ug/L		66	70 - 130
1,2-Dibromo-3-Chloropropane	<1.0		50.0	32.5	F	ug/L		65	70 - 130
Ethylene Dibromide	<1.0		50.0	45.9		ug/L		92	70 - 130
Dibromomethane	<1.0		50.0	46.9		ug/L		94	70 - 130
Dichlorodifluoromethane	<1.0		50.0	44.7		ug/L		89	44 - 146
1,1-Dichloroethane	<1.0		50.0	46.0		ug/L		92	70 - 130
1,2-Dichloroethane	<1.0		50.0	45.7		ug/L		91	70 - 130
cis-1,2-Dichloroethene	<1.0		50.0	48.0		ug/L		96	70 - 130
trans-1,2-Dichloroethene	<1.0		50.0	49.0		ug/L		98	70 - 130
1,1-Dichloroethene	<1.0		50.0	49.3		ug/L		99	66 - 131
1,2-Dichloropropane	<1.0		50.0	45.0		ug/L		90	70 - 130
cis-1,3-Dichloropropene	<1.0		50.0	39.4		ug/L		79	70 - 130
trans-1,3-Dichloropropene	<1.0		50.0	36.8		ug/L		74	70 - 130
Ethylbenzene	<1.0		50.0	46.3		ug/L		93	70 - 130
2-Hexanone	<10		100	90.0		ug/L		90	42 - 185
Methylene Chloride	<5.0		50.0	44.7		ug/L		89	67 - 130
4-Methyl-2-pentanone (MIBK)	<10		100	89.0		ug/L		89	70 - 130
Styrene	<1.0		50.0	48.3		ug/L		97	70 - 130
1,1,1,2-Tetrachloroethane	<1.0		50.0	36.2		ug/L		72	70 - 130
1,1,2,2-Tetrachloroethane	<1.0		50.0	46.8		ug/L		94	70 - 130
Tetrachloroethene	<1.0		50.0	50.9		ug/L		102	70 - 130
Toluene	<1.0		50.0	44.9		ug/L		90	70 - 130
1,1,1-Trichloroethane	<1.0		50.0	40.6		ug/L		81	70 - 130
1,1,2-Trichloroethane	<1.0		50.0	46.1		ug/L		92	70 - 130
Trichloroethene	<1.0		50.0	48.4		ug/L		97	70 - 130
Trichlorofluoromethane	<1.0		50.0	45.3		ug/L		91	55 - 156
1,2,3-Trichloropropane	<1.0		50.0	48.5		ug/L		97	70 - 130
Vinyl acetate	<2.0		100	81.2		ug/L		81	60 - 176
Vinyl chloride	<1.0		50.0	44.8		ug/L		90	67 - 134
Xylenes, Total	<2.0		150	141		ug/L		94	70 - 130

Surrogate	MS % Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	95		70 - 130

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-70860-3 MSD

Matrix: Water

Analysis Batch: 211655

Client Sample ID: ASH-MW14-072811

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Acetone	<25		100	91.0		ug/L		79	26 - 180	5	50
Benzene	<1.0		50.0	49.1		ug/L		98	70 - 130	6	30
Dichlorobromomethane	<1.0		50.0	41.7		ug/L		83	70 - 130	10	30
Bromoform	<1.0	*	50.0	29.8	F	ug/L		60	70 - 130	14	30
Bromomethane	<1.0		50.0	33.5		ug/L		67	23 - 165	12	50
2-Butanone (MEK)	<10		100	97.7		ug/L		98	49 - 172	5	30
Carbon disulfide	<2.0		50.0	43.9		ug/L		88	54 - 132	4	30
Carbon tetrachloride	<1.0	*	50.0	32.9	F	ug/L		66	70 - 130	11	30
Chlorobenzene	<1.0		50.0	51.6		ug/L		103	70 - 130	5	30
Chloroethane	<1.0		50.0	39.8		ug/L		80	56 - 152	2	40
Chloroform	<1.0		50.0	50.9		ug/L		102	70 - 130	7	30
Chloromethane	<1.0		50.0	52.3		ug/L		105	70 - 130	3	30
Chlorodibromomethane	<1.0		50.0	37.0		ug/L		74	70 - 130	12	50
1,2-Dibromo-3-Chloropropane	<1.0		50.0	38.6		ug/L		77	70 - 130	17	50
Ethylene Dibromide	<1.0		50.0	48.4		ug/L		97	70 - 130	5	30
Dibromomethane	<1.0		50.0	50.0		ug/L		100	70 - 130	6	30
Dichlorodifluoromethane	<1.0		50.0	45.7		ug/L		91	44 - 146	2	50
1,1-Dichloroethane	<1.0		50.0	48.6		ug/L		97	70 - 130	6	30
1,2-Dichloroethane	<1.0		50.0	49.6		ug/L		99	70 - 130	8	30
cis-1,2-Dichloroethene	<1.0		50.0	50.7		ug/L		101	70 - 130	5	30
trans-1,2-Dichloroethene	<1.0		50.0	51.8		ug/L		104	70 - 130	6	30
1,1-Dichloroethene	<1.0		50.0	51.9		ug/L		104	66 - 131	5	30
1,2-Dichloropropane	<1.0		50.0	48.5		ug/L		97	70 - 130	7	30
cis-1,3-Dichloropropene	<1.0		50.0	42.8		ug/L		86	70 - 130	8	30
trans-1,3-Dichloropropene	<1.0		50.0	40.5		ug/L		81	70 - 130	10	50
Ethylbenzene	<1.0		50.0	48.9		ug/L		98	70 - 130	5	30
2-Hexanone	<10		100	95.6		ug/L		96	42 - 185	6	30
Methylene Chloride	<5.0		50.0	45.7		ug/L		91	67 - 130	2	30
4-Methyl-2-pentanone (MIBK)	<10		100	95.1		ug/L		95	70 - 130	7	30
Styrene	<1.0		50.0	50.2		ug/L		100	70 - 130	4	30
1,1,1,2-Tetrachloroethane	<1.0		50.0	40.4		ug/L		81	70 - 130	11	30
1,1,2,2-Tetrachloroethane	<1.0		50.0	49.8		ug/L		100	70 - 130	6	30
Tetrachloroethene	<1.0		50.0	53.3		ug/L		107	70 - 130	5	30
Toluene	<1.0		50.0	47.6		ug/L		95	70 - 130	6	30
1,1,1-Trichloroethane	<1.0		50.0	44.3		ug/L		89	70 - 130	9	30
1,1,2-Trichloroethane	<1.0		50.0	49.2		ug/L		98	70 - 130	6	30
Trichloroethene	<1.0		50.0	51.9		ug/L		104	70 - 130	7	30
Trichlorofluoromethane	<1.0		50.0	47.5		ug/L		95	55 - 156	5	30
1,2,3-Trichloropropane	<1.0		50.0	50.5		ug/L		101	70 - 130	4	30
Vinyl acetate	<2.0		100	88.6		ug/L		89	60 - 176	9	30
Vinyl chloride	<1.0		50.0	46.1		ug/L		92	67 - 134	3	30
Xylenes, Total	<2.0		150	148		ug/L		99	70 - 130	5	30

Surrogate	MSD % Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	98		70 - 130

QC Association Summary

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

GC/MS VOA

Analysis Batch: 210749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70860-10	Trip Blank 063011	Total/NA	Water	8260B	
LCS 680-210749/12	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-210749/13	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-210749/14	Method Blank	Total/NA	Water	8260B	
680-70860-8	ASH-MW09-072811	Total/NA	Water	8260B	
680-70860-9	ASH-MW07-072811	Total/NA	Water	8260B	
680-70860-2	ASH-DUP-072811	Total/NA	Water	8260B	
680-70860-4	ASH-MW15-072811	Total/NA	Water	8260B	
680-70860-6	ASH-MW06-072811	Total/NA	Water	8260B	

Analysis Batch: 211111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70860-1	ASH-RS2-072811	Total/NA	Water	8260B	
LCS 680-211111/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-211111/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-211111/9	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 211446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70860-5 - RA	ASH-MW05-072811	Total/NA	Water	8260B	
680-70860-7 - RA	ASH-MW16-072811	Total/NA	Water	8260B	
680-70860-3 - RA	ASH-MW14-072811	Total/NA	Water	8260B	
LCS 680-211446/20	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-211446/21	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-211446/23	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 211655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-211655/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-211655/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-211655/7	Method Blank	Total/NA	Water	8260B	
680-70860-5	ASH-MW05-072811	Total/NA	Water	8260B	
680-70860-7	ASH-MW16-072811	Total/NA	Water	8260B	
680-70860-3	ASH-MW14-072811	Total/NA	Water	8260B	
680-70860-3 MS	ASH-MW14-072811	Total/NA	Water	8260B	
680-70860-3 MSD	ASH-MW14-072811	Total/NA	Water	8260B	

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-RS2-072811

Lab Sample ID: 680-70860-1

Date Collected: 07/28/11 11:05

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	211111	08/04/11 19:34	RB	TAL SAV

Client Sample ID: ASH-DUP-072811

Lab Sample ID: 680-70860-2

Date Collected: 07/28/11 00:00

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	210749	08/02/11 16:08	RB	TAL SAV

Client Sample ID: ASH-MW14-072811

Lab Sample ID: 680-70860-3

Date Collected: 07/28/11 10:45

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	211446	08/08/11 21:13	AJMC	TAL SAV
Total/NA	Analysis	8260B		1	211655	08/02/11 14:55	WHP	TAL SAV

Client Sample ID: ASH-MW15-072811

Lab Sample ID: 680-70860-4

Date Collected: 07/28/11 08:03

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	210749	08/02/11 16:38	RB	TAL SAV

Client Sample ID: ASH-MW05-072811

Lab Sample ID: 680-70860-5

Date Collected: 07/28/11 09:05

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	211446	08/08/11 20:29	AJMC	TAL SAV
Total/NA	Analysis	8260B		1	211655	08/02/11 13:56	WHP	TAL SAV

Client Sample ID: ASH-MW06-072811

Lab Sample ID: 680-70860-6

Date Collected: 07/28/11 08:05

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	210749	08/02/11 17:07	RB	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/28/11

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW16-072811

Lab Sample ID: 680-70860-7

Date Collected: 07/28/11 08:53

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	211446	08/08/11 20:51	AJMC	TAL SAV
Total/NA	Analysis	8260B		1	211655	08/02/11 14:25	WHP	TAL SAV

Client Sample ID: ASH-MW09-072811

Lab Sample ID: 680-70860-8

Date Collected: 07/28/11 10:10

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	210749	08/02/11 15:10	RB	TAL SAV

Client Sample ID: ASH-MW07-072811

Lab Sample ID: 680-70860-9

Date Collected: 07/28/11 10:54

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	210749	08/02/11 15:39	RB	TAL SAV

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70860-10

Date Collected: 07/28/11 00:00

Matrix: Water

Date Received: 07/29/11 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	210749	08/02/11 14:40	RB	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample ID: 111111

Serial Number 043307

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



THE LEADER IN ENVIRONMENTAL TESTING

PROJECT REFERENCE: Hercules Health Services AP9GM
 TAL (LAB) PROJECT MANAGER: L. Lynn Gul.2.1a
 CLIENT (SITE) PM: Tim Hassett
 CLIENT NAME: Ashland Chemical
 CLIENT ADDRESS: 500 Hercules Road, Wilmington, DE 19808-1599
 PROJECT NO.: 11073
 P.O. NUMBER:
 CLIENT PHONE: 302-995-3456
 CLIENT FAX: 995-3485
 CLIENT E-MAIL: thassett@ashland.com

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:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE			REQUIRED ANALYSIS	PAGE 1 OF 1	STANDARD REPORT DELIVERY DATE DUE	EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE	NUMBER OF COOLERS SUBMITTED PER SHIPMENT	REMARKS
			COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID						
7-28-11	1105	ASH-RS2-072811	6X							3	Rinse
7-28-11	NA	ASH-DUP-072811	6X							3	Duplicate
7-28-11	1045	ASH-MW14-072811	6X							3	
7-28-11	1045	ASH-MW14-072811-MS	6X							3	MS
7-28-11	0803	ASH-MW15-072811	6X							3	MSD
7-28-11	0905	ASH-MW05-072811	6X							3	
7-28-11	0805	ASH-MW06-072811	6X							3	
7-28-11	0853	ASH-MW16-072811	6X							3	
7-28-11	1010	ASH-MW09-072811	6X							3	
7-28-11	1054	ASH-MW07-072811	6X							3	
7-28-11	NA	Trip Blank 063011	6X							2	
RELINQUISHED BY: (SIGNATURE)			DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	REMARKS			
RECEIVED BY: (SIGNATURE)			DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	REMARKS			
			7-28-11	1530				7-28-11 Trip Blank			

LABORATORY USE ONLY

SAVANNAH LOG NO. 690-70860

LABORATORY REMARKS: 17.2 °C

RECEIVED FOR LABORATORY BY: (SIGNATURE) Willie Carnat

DATE: 07/29/11

TIME: 0929

CUSTODY INTACT: YES NO

CUSTODY SEAL NO.:



Login Sample Receipt Checklist

Client: Ashland Inc.

Job Number: 680-70860-1

Login Number: 70860

List Source: TestAmerica Savannah

List Number: 1

Creator: Barnett, Eddie T

Question	Answer	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	4.2 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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.	N/A	
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Certification Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70860-1

Project/Site: Hercules Hattiesburg APIX 7/28/11

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.