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

Lab Sample ID: LCS 680-210908/6
Matrix: Water
Analysis Batch: 210908

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Tetrachloroethene	50.0	56.4		ug/L		113	70 - 130
Toluene	50.0	51.5		ug/L		103	70 - 130
1,1,1-Trichloroethane	50.0	48.3		ug/L		97	70 - 130
1,1,2-Trichloroethane	50.0	54.3		ug/L		109	70 - 130
Trichloroethene	50.0	55.1		ug/L		110	70 - 130
Trichlorofluoromethane	50.0	54.9		ug/L		110	55 - 156
1,2,3-Trichloropropane	50.0	56.2		ug/L		112	70 - 130
Vinyl acetate	100	96.3		ug/L		96	60 - 176
Vinyl chloride	50.0	55.9		ug/L		112	67 - 134
Xylenes, Total	150	161		ug/L		107	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 680-210908/8
Matrix: Water
Analysis Batch: 210908

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	108		ug/L		108	26 - 180	18	50
Benzene	50.0	43.7		ug/L		87	70 - 130	16	30
Dichlorobromomethane	50.0	40.3		ug/L		81	70 - 130	15	30
Bromoform	50.0	32.2	*	ug/L		64	70 - 130	11	30
Bromomethane	50.0	18.5		ug/L		37	23 - 165	28	50
2-Butanone (MEK)	100	100		ug/L		100	49 - 172	16	30
Carbon disulfide	50.0	40.6		ug/L		81	54 - 132	23	30
Carbon tetrachloride	50.0	33.7	*	ug/L		67	70 - 130	18	30
Chlorobenzene	50.0	46.3		ug/L		93	70 - 130	16	30
Chloroethane	50.0	34.6		ug/L		69	56 - 152	35	40
Chloroform	50.0	44.0		ug/L		88	70 - 130	20	30
Chloromethane	50.0	45.7		ug/L		91	70 - 130	23	30
Chlorodibromomethane	50.0	36.9		ug/L		74	70 - 130	12	50
1,2-Dibromo-3-Chloropropane	50.0	35.3		ug/L		71	70 - 130	14	50
Ethylene Dibromide	50.0	49.5		ug/L		99	70 - 130	9	30
Dibromomethane	50.0	47.9		ug/L		96	70 - 130	13	30
Dichlorodifluoromethane	50.0	45.8		ug/L		92	44 - 146	22	50
1,1-Dichloroethane	50.0	42.3		ug/L		85	70 - 130	20	30
1,2-Dichloroethane	50.0	45.8		ug/L		92	70 - 130	14	30
cis-1,2-Dichloroethene	50.0	44.4		ug/L		89	70 - 130	20	30
trans-1,2-Dichloroethene	50.0	43.5		ug/L		87	70 - 130	21	30
1,1-Dichloroethene	50.0	44.7		ug/L		89	66 - 131	22	30
1,2-Dichloropropane	50.0	43.9		ug/L		88	70 - 130	16	30
cis-1,3-Dichloropropene	50.0	42.5		ug/L		85	70 - 130	10	30
trans-1,3-Dichloropropene	50.0	42.2		ug/L		84	70 - 130	10	50
Ethylbenzene	50.0	41.9		ug/L		84	70 - 130	21	30
2-Hexanone	100	109		ug/L		109	42 - 185	10	30
Methylene Chloride	50.0	44.4		ug/L		89	67 - 130	23	30

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

Lab Sample ID: LCSD 680-210908/8
Matrix: Water
Analysis Batch: 210908

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	100	94.3		ug/L		94	70 - 130	9	30
Styrene	50.0	47.7		ug/L		95	70 - 130	16	30
1,1,1,2-Tetrachloroethane	50.0	38.9		ug/L		78	70 - 130	13	30
1,1,2,2-Tetrachloroethane	50.0	47.6		ug/L		95	70 - 130	13	30
Tetrachloroethene	50.0	46.0		ug/L		92	70 - 130	20	30
Toluene	50.0	44.3		ug/L		89	70 - 130	15	30
1,1,1-Trichloroethane	50.0	40.2		ug/L		80	70 - 130	18	30
1,1,2-Trichloroethane	50.0	48.7		ug/L		97	70 - 130	11	30
Trichloroethene	50.0	46.2		ug/L		92	70 - 130	18	30
Trichlorofluoromethane	50.0	43.0		ug/L		86	55 - 156	24	30
1,2,3-Trichloropropane	50.0	49.3		ug/L		99	70 - 130	13	30
Vinyl acetate	100	86.7		ug/L		87	60 - 176	11	30
Vinyl chloride	50.0	44.5		ug/L		89	67 - 134	23	30
Xylenes, Total	150	136		ug/L		91	70 - 130	16	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane	*90*		*70 - 130*
Toluene-d8 (Surr)	*91*		*70 - 130*

Lab Sample ID: 680-70818-2 MS
Matrix: Water
Analysis Batch: 210908

Client Sample ID: ASH-MW22-072711
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	<25		100	104		ug/L		91	26 - 180
Benzene	10		50.0	57.7		ug/L		95	70 - 130
Dichlorobromomethane	<1.0		50.0	41.7		ug/L		83	70 - 130
Bromoform	<1.0	*	50.0	29.5	F	ug/L		59	70 - 130
Bromomethane	<1.0		50.0	23.1		ug/L		46	23 - 165
2-Butanone (MEK)	<10		100	93.9		ug/L		94	49 - 172
Carbon disulfide	<2.0		50.0	49.6		ug/L		99	54 - 132
Carbon tetrachloride	<1.0	*	50.0	34.1	F	ug/L		68	70 - 130
Chlorobenzene	8.7		50.0	60.1		ug/L		103	70 - 130
Chloroethane	<1.0		50.0	50.2		ug/L		100	56 - 152
Chloroform	<1.0		50.0	53.8		ug/L		106	70 - 130
Chloromethane	<1.0		50.0	53.4		ug/L		107	70 - 130
Chlorodibromomethane	<1.0	*	50.0	35.9		ug/L		72	70 - 130
1,2-Dibromo-3-Chloropropane	<1.0		50.0	34.2	F	ug/L		68	70 - 130
Ethylene Dibromide	<1.0		50.0	47.6		ug/L		95	70 - 130
Dibromomethane	<1.0		50.0	50.5		ug/L		101	70 - 130
Dichlorodifluoromethane	<1.0		50.0	54.6		ug/L		109	44 - 146
1,1-Dichloroethane	<1.0		50.0	51.2		ug/L		102	70 - 130
1,2-Dichloroethane	<1.0		50.0	48.4		ug/L		97	70 - 130
cis-1,2-Dichloroethene	<1.0		50.0	53.9		ug/L		108	70 - 130
trans-1,2-Dichloroethene	<1.0		50.0	53.6		ug/L		107	70 - 130
1,1-Dichloroethene	<1.0		50.0	56.7		ug/L		113	66 - 131
1,2-Dichloropropane	<1.0		50.0	49.1		ug/L		98	70 - 130
cis-1,3-Dichloropropene	<1.0		50.0	41.7		ug/L		83	70 - 130

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

Lab Sample ID: 680-70818-2 MS
Matrix: Water
Analysis Batch: 210908

Client Sample ID: ASH-MW22-072711
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
trans-1,3-Dichloropropene	<1.0		50.0	38.6		ug/L		77	70 - 130
Ethylbenzene	<1.0		50.0	50.0		ug/L		99	70 - 130
2-Hexanone	<10		100	103		ug/L		103	42 - 185
Methylene Chloride	<5.0		50.0	53.7		ug/L		107	67 - 130
4-Methyl-2-pentanone (MIBK)	21		100	111		ug/L		91	70 - 130
Styrene	<1.0		50.0	53.7		ug/L		107	70 - 130
1,1,1,2-Tetrachloroethane	<1.0		50.0	39.0		ug/L		78	70 - 130
1,1,2,2-Tetrachloroethane	<1.0		50.0	49.8		ug/L		100	70 - 130
Tetrachloroethene	<1.0		50.0	55.6		ug/L		111	70 - 130
Toluene	1.1		50.0	50.0		ug/L		98	70 - 130
1,1,1-Trichloroethane	<1.0		50.0	44.0		ug/L		88	70 - 130
1,1,2-Trichloroethane	<1.0		50.0	48.8		ug/L		98	70 - 130
Trichloroethene	<1.0		50.0	53.0		ug/L		106	70 - 130
Trichlorofluoromethane	<1.0		50.0	56.9		ug/L		114	55 - 156
1,2,3-Trichloropropane	<1.0		50.0	52.4		ug/L		105	70 - 130
Vinyl acetate	<2.0		100	86.2		ug/L		86	60 - 176
Vinyl chloride	<1.0		50.0	55.2		ug/L		110	67 - 134
Xylenes, Total	<2.0		150	158		ug/L		105	70 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 680-70818-2 MSD
Matrix: Water
Analysis Batch: 210908

Client Sample ID: ASH-MW22-072711
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	<25		100	112		ug/L		99	26 - 180	7	50
Benzene	10		50.0	57.4		ug/L		95	70 - 130	1	30
Dichlorobromomethane	<1.0		50.0	41.2		ug/L		82	70 - 130	1	30
Bromoform	<1.0	*	50.0	30.7	F	ug/L		61	70 - 130	4	30
Bromomethane	<1.0		50.0	18.5		ug/L		37	23 - 165	23	50
2-Butanone (MEK)	<10		100	91.7		ug/L		92	49 - 172	2	30
Carbon disulfide	<2.0		50.0	47.3		ug/L		95	54 - 132	5	30
Carbon tetrachloride	<1.0	*	50.0	34.3	F	ug/L		69	70 - 130	0	30
Chlorobenzene	8.7		50.0	58.8		ug/L		100	70 - 130	2	30
Chloroethane	<1.0		50.0	43.4		ug/L		87	56 - 152	15	40
Chloroform	<1.0		50.0	52.0		ug/L		103	70 - 130	3	30
Chloromethane	<1.0		50.0	51.9		ug/L		104	70 - 130	3	30
Chlorodibromomethane	<1.0	*	50.0	37.2		ug/L		74	70 - 130	4	50
1,2-Dibromo-3-Chloropropane	<1.0		50.0	40.0		ug/L		80	70 - 130	16	50
Ethylene Dibromide	<1.0		50.0	46.8		ug/L		94	70 - 130	2	30
Dibromomethane	<1.0		50.0	49.1		ug/L		98	70 - 130	3	30
Dichlorodifluoromethane	<1.0		50.0	52.0		ug/L		104	44 - 146	5	50
1,1-Dichloroethane	<1.0		50.0	49.4		ug/L		99	70 - 130	3	30
1,2-Dichloroethane	<1.0		50.0	47.7		ug/L		95	70 - 130	2	30
cis-1,2-Dichloroethene	<1.0		50.0	51.5		ug/L		103	70 - 130	5	30

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

Lab Sample ID: 680-70818-2 MSD
Matrix: Water
Analysis Batch: 210908

Client Sample ID: ASH-MW22-072711
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	<1.0		50.0	50.8		ug/L		102	70 - 130	5	30
1,1-Dichloroethene	<1.0		50.0	54.2		ug/L		108	66 - 131	4	30
1,2-Dichloropropane	<1.0		50.0	48.4		ug/L		97	70 - 130	2	30
cis-1,3-Dichloropropene	<1.0		50.0	31.8	F	ug/L		64	70 - 130	27	30
trans-1,3-Dichloropropene	<1.0		50.0	30.3	F	ug/L		61	70 - 130	24	50
Ethylbenzene	<1.0		50.0	11.8	F	ug/L		23	70 - 130	124	30
2-Hexanone	<10		100	109		ug/L		109	42 - 185	6	30
Methylene Chloride	<5.0		50.0	51.8		ug/L		104	67 - 130	4	30
4-Methyl-2-pentanone (MIBK)	21		100	112		ug/L		92	70 - 130	1	30
Styrene	<1.0		50.0	30.6	F	ug/L		61	70 - 130	55	30
1,1,1,2-Tetrachloroethane	<1.0		50.0	42.0		ug/L		84	70 - 130	7	30
1,1,2,2-Tetrachloroethane	<1.0		50.0	52.2		ug/L		104	70 - 130	5	30
Tetrachloroethene	<1.0		50.0	54.6		ug/L		109	70 - 130	2	30
Toluene	1.1		50.0	47.1		ug/L		92	70 - 130	6	30
1,1,1-Trichloroethane	<1.0		50.0	43.6		ug/L		87	70 - 130	1	30
1,1,2-Trichloroethane	<1.0		50.0	47.8		ug/L		96	70 - 130	2	30
Trichloroethene	<1.0		50.0	51.0		ug/L		102	70 - 130	4	30
Trichlorofluoromethane	<1.0		50.0	53.3		ug/L		107	55 - 156	7	30
1,2,3-Trichloropropane	<1.0		50.0	55.4		ug/L		111	70 - 130	6	30
Vinyl acetate	<2.0		100	64.8		ug/L		65	60 - 176	28	30
Vinyl chloride	<1.0		50.0	52.9		ug/L		106	67 - 134	4	30
Xylenes, Total	<2.0		150	157		ug/L		104	70 - 130	0	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

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

Lab Sample ID: MB 680-210688/9-A
Matrix: Water
Analysis Batch: 211110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Acenaphthylene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Acetophenone	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Acetylaminofluorene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
alpha,alpha-Dimethyl phenethylamine	<2000		2000		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Aminobiphenyl	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Aniline	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
Anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Aramite, Total	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[a]anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[a]pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[b]fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[g,h,i]perylene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[k]fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

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

Lab Sample ID: MB 680-210688/9-A
Matrix: Water
Analysis Batch: 211110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,1'-Biphenyl	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Bis(2-chloroethoxy)methane	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Bis(2-chloroethyl)ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
bis(chloroisopropyl) ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Bis(2-ethylhexyl) phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Bromophenyl phenyl ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Butyl benzyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Chloroaniline	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Chloro-3-methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Chloronaphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Chlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Chlorophenyl phenyl ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Chrysene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Diallate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dibenz(a,h)anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dibenzofuran	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,2-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,3-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,4-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
3,3'-Dichlorobenzidine	<60		60		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,6-Dichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Diethyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dimethoate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
7,12-Dimethylbenz(a)anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
3,3'-Dimethylbenzidine	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dimethylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dimethyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Di-n-butyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,3-Dinitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4,6-Dinitro-2-methylphenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dinitrophenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dinitrotoluene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,6-Dinitrotoluene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Di-n-octyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dinoseb	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,4-Dioxane	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Disulfoton	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Ethyl methanesulfonate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Ethyl Parathion	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Famphur	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Fluorene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorobutadiene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorocyclopentadiene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachloroethane	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorophene	<5000		5000		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachloropropene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

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

Lab Sample ID: MB 680-210688/9-A
Matrix: Water
Analysis Batch: 211110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Isophorone	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Isosafrole	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Methapyrilene	<2000		2000		ug/L		08/02/11 15:02	08/05/11 12:34	1
3-Methylcholanthrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Methyl methanesulfonate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Methylnaphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Methyl parathion	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
3 & 4 Methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Naphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,4-Naphthoquinone	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1-Naphthylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Naphthylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Nitroaniline	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
3-Nitroaniline	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Nitroaniline	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
Nitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Nitrophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Nitrophenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Nitroquinoline-1-oxide	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitro-o-toluidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodiethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodimethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodi-n-butylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodi-n-propylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodiphenylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosomethylethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosomorpholine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosopiperidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosopyrrolidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
o,o',o''-Triethylphosphorothioate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
p-Dimethylamino azobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pentachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pentachloronitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pentachlorophenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phenacetin	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phenanthrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phorate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Picoline	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
p-Phenylene diamine	<2000		2000		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pronamide	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pyridine	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
Safrole, Total	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Sulfotepp	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,2,4,5-Tetrachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,3,4,6-Tetrachlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Thionazin	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

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

Lab Sample ID: MB 680-210688/9-A
Matrix: Water
Analysis Batch: 211110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Toluidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,2,4-Trichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4,5-Trichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4,6-Trichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,3,5-Trinitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*38 - 130*	*08/02/11 15:02*	*08/05/11 12:34*	*1*
2-Fluorophenol	*78*		*25 - 130*	*08/02/11 15:02*	*08/05/11 12:34*	*1*
Nitrobenzene-d5	*87*		*39 - 130*	*08/02/11 15:02*	*08/05/11 12:34*	*1*
Phenol-d5	*75*		*25 - 130*	*08/02/11 15:02*	*08/05/11 12:34*	*1*
Terphenyl-d14	*101*		*10 - 143*	*08/02/11 15:02*	*08/05/11 12:34*	*1*
2,4,6-Tribromophenol	*91*		*31 - 141*	*08/02/11 15:02*	*08/05/11 12:34*	*1*

Lab Sample ID: LCS 680-210688/10-A
Matrix: Water
Analysis Batch: 210976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	100	84.4		ug/L		84	55 - 130
Acenaphthylene	100	88.0		ug/L		88	60 - 130
Acetophenone	100	84.6		ug/L		85	54 - 130
Aniline	100	73.3		ug/L		73	10 - 130
Anthracene	100	89.9		ug/L		90	61 - 130
Benzo[a]anthracene	100	93.5		ug/L		93	58 - 130
Benzo[a]pyrene	100	94.8		ug/L		95	61 - 130
Benzo[b]fluoranthene	100	80.9		ug/L		81	51 - 130
Benzo[g,h,i]perylene	100	85.1		ug/L		85	54 - 130
Benzo[k]fluoranthene	100	86.0		ug/L		86	53 - 130
Benzyl alcohol	100	84.6		ug/L		85	53 - 130
1,1'-Biphenyl	100	91.2		ug/L		91	54 - 130
Bis(2-chloroethoxy)methane	100	94.2		ug/L		94	64 - 130
Bis(2-chloroethyl)ether	100	83.5		ug/L		83	56 - 130
bis(chloroisopropyl) ether	100	86.6		ug/L		87	55 - 130
Bis(2-ethylhexyl) phthalate	100	98.6		ug/L		99	62 - 130
4-Bromophenyl phenyl ether	100	96.0		ug/L		96	61 - 130
Butyl benzyl phthalate	100	102		ug/L		102	66 - 130
4-Chloroaniline	100	73.6		ug/L		74	42 - 130
4-Chloro-3-methylphenol	100	96.5		ug/L		97	60 - 130
2-Chloronaphthalene	100	83.5		ug/L		84	53 - 130
2-Chlorophenol	100	78.7		ug/L		79	57 - 130
4-Chlorophenyl phenyl ether	100	94.9		ug/L		95	57 - 130
Chrysene	100	91.4		ug/L		91	59 - 130
Dibenz(a,h)anthracene	100	88.0		ug/L		88	55 - 130
Dibenzofuran	100	86.9		ug/L		87	58 - 130
1,2-Dichlorobenzene	100	70.4		ug/L		70	43 - 130
1,3-Dichlorobenzene	100	67.7		ug/L		68	41 - 130
1,4-Dichlorobenzene	100	68.5		ug/L		68	43 - 130
3,3'-Dichlorobenzidine	100	72.5		ug/L		72	27 - 130

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

Lab Sample ID: LCS 680-210688/10-A
Matrix: Water
Analysis Batch: 210976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-Dichlorophenol	100	84.8		ug/L		85	54 - 130
Diethyl phthalate	100	96.7		ug/L		97	70 - 130
2,4-Dimethylphenol	100	75.5		ug/L		76	40 - 130
Dimethyl phthalate	100	95.7		ug/L		96	69 - 130
Di-n-butyl phthalate	100	103		ug/L		103	66 - 130
4,6-Dinitro-2-methylphenol	100	95.4		ug/L		95	45 - 134
2,4-Dinitrophenol	100	109		ug/L		109	20 - 165
2,4-Dinitrotoluene	100	87.5		ug/L		87	63 - 130
2,6-Dinitrotoluene	100	97.9		ug/L		98	65 - 130
Di-n-octyl phthalate	100	103		ug/L		103	64 - 130
1,4-Dioxane	100	55.2		ug/L		55	35 - 130
Fluoranthene	100	93.6		ug/L		94	56 - 130
Fluorene	100	89.0		ug/L		89	61 - 130
Hexachlorobenzene	100	83.8		ug/L		84	52 - 130
Hexachlorobutadiene	100	79.2		ug/L		79	36 - 130
Hexachlorocyclopentadiene	100	29.4		ug/L		29	10 - 130
Hexachloroethane	100	64.2		ug/L		64	39 - 130
Indeno[1,2,3-cd]pyrene	100	104		ug/L		104	47 - 130
Isophorone	100	83.1		ug/L		83	59 - 130
2-Methylnaphthalene	100	87.1		ug/L		87	52 - 130
2-Methylphenol	100	82.4		ug/L		82	55 - 130
3 & 4 Methylphenol	100	84.4		ug/L		84	35 - 130
Naphthalene	100	80.0		ug/L		80	50 - 130
2-Nitroaniline	100	83.8		ug/L		84	60 - 130
3-Nitroaniline	100	85.3		ug/L		85	54 - 130
4-Nitroaniline	100	89.8		ug/L		90	54 - 130
Nitrobenzene	100	80.9		ug/L		81	56 - 130
2-Nitrophenol	100	90.9		ug/L		91	54 - 130
4-Nitrophenol	100	92.0		ug/L		92	38 - 130
N-Nitrosodimethylamine	100	75.9		ug/L		76	54 - 130
N-Nitrosodi-n-propylamine	100	92.0		ug/L		92	64 - 130
N-Nitrosodiphenylamine	100	90.6		ug/L		91	68 - 130
Pentachlorophenol	100	95.8		ug/L		96	42 - 138
Phenanthrene	100	91.9		ug/L		92	62 - 130
Phenol	100	80.1		ug/L		80	29 - 130
Pyrene	100	97.1		ug/L		97	60 - 130
Pyridine	100	61.5		ug/L		61	10 - 130
1,2,4-Trichlorobenzene	100	74.0		ug/L		74	42 - 130
2,4,5-Trichlorophenol	100	94.1		ug/L		94	61 - 130
2,4,6-Trichlorophenol	100	87.6		ug/L		88	57 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*38 - 130*
2-Fluorophenol	*73*		*25 - 130*
Nitrobenzene-d5	*83*		*39 - 130*
Phenol-d5	*81*		*25 - 130*
Terphenyl-d14	*91*		*10 - 143*
2,4,6-Tribromophenol	*98*		*31 - 141*

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

Lab Sample ID: LCS 680-210688/16-A
Matrix: Water
Analysis Batch: 211110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Acetylaminofluorene	100	110		ug/L		110	63 - 130
alpha,alpha-Dimethyl phenethylamine	100	<2000		ug/L		190	10 - 200
4-Aminobiphenyl	100	25.8		ug/L		26	10 - 130
Aramite, Total	100	123		ug/L		123	12 - 181
Diallate	100	65.8		ug/L		66	45 - 130
2,6-Dichlorophenol	100	95.8		ug/L		96	55 - 130
Dimethoate	100	40.6	*	ug/L		41	64 - 130
7,12-Dimethylbenz(a)anthracene	100	83.3		ug/L		83	57 - 130
3,3'-Dimethylbenzidine	250	137		ug/L		55	10 - 130
1,3-Dinitrobenzene	100	92.9		ug/L		93	61 - 130
Dinoseb	100	91.8		ug/L		92	70 - 138
Disulfoton	100	60.5	*	ug/L		60	65 - 130
Ethyl methanesulfonate	100	51.5		ug/L		51	10 - 156
Ethyl Parathion	100	94.9		ug/L		95	67 - 153
Famphur	100	<10	*	ug/L		8	10 - 130
Hexachlorophene	500	<5000	E	ug/L		58	10 - 130
Hexachloropropene	100	58.8		ug/L		59	10 - 130
Isosafrole	100	100		ug/L		100	54 - 130
Methapyrilene	500	<2000	E	ug/L		59	10 - 155
3-Methylcholanthrene	100	26.2		ug/L		26	10 - 148
Methyl methanesulfonate	100	39.3		ug/L		39	10 - 130
Methyl parathion	100	57.2	*	ug/L		57	65 - 148
1,4-Naphthoquinone	100	17.5		ug/L		17	10 - 132
1-Naphthylamine	100	57.2		ug/L		57	28 - 130
2-Naphthylamine	100	38.9		ug/L		39	10 - 130
4-Nitroquinoline-1-oxide	100	110		ug/L		110	10 - 146
N-Nitro-o-toluidine	100	71.0		ug/L		71	46 - 130
N-Nitrosodiethylamine	100	72.5		ug/L		72	37 - 130
N-Nitrosodi-n-butylamine	100	91.5		ug/L		92	40 - 130
N-Nitrosomethylethylamine	100	67.2		ug/L		67	22 - 130
N-Nitrosomorpholine	100	99.1		ug/L		99	25 - 130
N-Nitrosopiperidine	100	83.5		ug/L		84	55 - 130
N-Nitrosopyrrolidine	100	86.0		ug/L		86	36 - 130
o,o',o''-Triethylphosphorothioate	100	94.7		ug/L		95	18 - 139
p-Dimethylamino azobenzene	100	83.7		ug/L		84	49 - 130
Pentachlorobenzene	100	104		ug/L		104	60 - 130
Pentachloronitrobenzene	100	113		ug/L		113	70 - 130
Phenacetin	100	91.9		ug/L		92	47 - 130
Phorate	100	72.0		ug/L		72	52 - 156
2-Picoline	100	55.1		ug/L		55	10 - 130
p-Phenylene diamine	500	<2000		ug/L		36	10 - 130
Pronamide	100	105		ug/L		105	70 - 130
Safrole, Total	100	101		ug/L		101	54 - 130
Sulfotepp	100	92.4		ug/L		92	65 - 130
1,2,4,5-Tetrachlorobenzene	100	89.2		ug/L		89	51 - 130
2,3,4,6-Tetrachlorophenol	100	115		ug/L		115	64 - 130
Thionazin	100	82.9		ug/L		83	70 - 130
2-Toluidine	100	62.3		ug/L		62	22 - 130
1,3,5-Trinitrobenzene	100	52.4		ug/L		52	21 - 165

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

Lab Sample ID: LCS 680-210688/16-A
Matrix: Water
Analysis Batch: 211110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210688

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*38 - 130*
2-Fluorophenol	*67*		*25 - 130*
Nitrobenzene-d5	*79*		*39 - 130*
Phenol-d5	*69*		*25 - 130*
Terphenyl-d14	*91*		*10 - 143*
2,4,6-Tribromophenol	*91*		*31 - 141*

Lab Sample ID: 680-70818-5 MS
Matrix: Water
Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	<12		99.7	80.1		ug/L		80	55 - 130
Acenaphthylene	<12		99.7	80.6		ug/L		81	60 - 130
Acetophenone	<12		99.7	79.8		ug/L		80	54 - 130
Aniline	<25		99.7	58.6		ug/L		59	10 - 130
Anthracene	<12		99.7	83.5		ug/L		84	61 - 130
Benzo[a]anthracene	<12		99.7	89.7		ug/L		90	58 - 130
Benzo[a]pyrene	<12		99.7	92.2		ug/L		92	61 - 130
Benzo[b]fluoranthene	<12		99.7	79.5		ug/L		80	51 - 130
Benzo[g,h,i]perylene	<12		99.7	83.8		ug/L		84	54 - 130
Benzo[k]fluoranthene	<12		99.7	84.9		ug/L		85	53 - 130
Benzyl alcohol	<12		99.7	78.0		ug/L		78	53 - 130
1,1'-Biphenyl	<12		99.7	84.5		ug/L		85	54 - 130
Bis(2-chloroethoxy)methane	<12		99.7	84.7		ug/L		85	64 - 130
Bis(2-chloroethyl)ether	<12		99.7	80.0		ug/L		80	56 - 130
bis(chloroisopropyl) ether	<12		99.7	81.5		ug/L		82	55 - 130
Bis(2-ethylhexyl) phthalate	<12		99.7	95.2		ug/L		96	62 - 130
4-Bromophenyl phenyl ether	<12		99.7	89.0		ug/L		89	61 - 130
Butyl benzyl phthalate	<12		99.7	97.4		ug/L		98	66 - 130
4-Chloroaniline	<25		99.7	36.7	F	ug/L		37	42 - 130
4-Chloro-3-methylphenol	<12		99.7	90.1		ug/L		90	60 - 130
2-Chloronaphthalene	<12		99.7	76.8		ug/L		77	53 - 130
2-Chlorophenol	<12		99.7	74.7		ug/L		75	57 - 130
4-Chlorophenyl phenyl ether	<12		99.7	87.3		ug/L		88	57 - 130
Chrysene	<12		99.7	89.4		ug/L		90	59 - 130
Dibenz(a,h)anthracene	<12		99.7	86.9		ug/L		87	55 - 130
Dibenzofuran	<12		99.7	80.5		ug/L		81	58 - 130
1,2-Dichlorobenzene	<12		99.7	62.5		ug/L		63	43 - 130
1,3-Dichlorobenzene	<12		99.7	59.5		ug/L		60	41 - 130
1,4-Dichlorobenzene	<12		99.7	60.6		ug/L		61	43 - 130
3,3'-Dichlorobenzidine	<75		99.7	<60	F	ug/L		0	27 - 130
2,4-Dichlorophenol	<12		99.7	80.4		ug/L		81	54 - 130
Diethyl phthalate	<12		99.7	89.2		ug/L		89	70 - 130
2,4-Dimethylphenol	<12		99.7	79.0		ug/L		79	40 - 130
Dimethyl phthalate	<12		99.7	87.6		ug/L		88	69 - 130
Di-n-butyl phthalate	<12		99.7	96.8		ug/L		97	66 - 130
4,6-Dinitro-2-methylphenol	<62		99.7	97.2		ug/L		97	45 - 134
2,4-Dinitrophenol	<62		99.7	114		ug/L		114	20 - 165

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

Lab Sample ID: 680-70818-5 MS
Matrix: Water
Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-Dinitrotoluene	<12		99.7	83.7		ug/L		84	63 - 130
2,6-Dinitrotoluene	<12		99.7	92.5		ug/L		93	65 - 130
Di-n-octyl phthalate	<12		99.7	98.4		ug/L		99	64 - 130
1,4-Dioxane	<12		99.7	53.0		ug/L		53	35 - 130
Fluoranthene	<12		99.7	87.8		ug/L		88	56 - 130
Fluorene	<12		99.7	82.1		ug/L		82	61 - 130
Hexachlorobenzene	<12		99.7	78.5		ug/L		79	52 - 130
Hexachlorobutadiene	<12		99.7	68.3		ug/L		68	36 - 130
Hexachlorocyclopentadiene	<12		99.7	26.4		ug/L		26	10 - 130
Hexachloroethane	<12		99.7	56.2		ug/L		56	39 - 130
Indeno[1,2,3-cd]pyrene	<12		99.7	101		ug/L		101	47 - 130
Isophorone	<12		99.7	77.0		ug/L		77	59 - 130
2-Methylnaphthalene	<12		99.7	78.8		ug/L		79	52 - 130
2-Methylphenol	<12		99.7	79.6		ug/L		80	55 - 130
3 & 4 Methylphenol	<12		99.7	81.2		ug/L		81	35 - 130
Naphthalene	<12		99.7	73.6		ug/L		74	50 - 130
2-Nitroaniline	<62		99.7	76.9		ug/L		77	60 - 130
3-Nitroaniline	<62		99.7	<50	F	ug/L		47	54 - 130
4-Nitroaniline	<62		99.7	63.7		ug/L		64	54 - 130
Nitrobenzene	<12		99.7	78.5		ug/L		79	56 - 130
2-Nitrophenol	<12		99.7	87.0		ug/L		87	54 - 130
4-Nitrophenol	<62		99.7	87.5		ug/L		88	38 - 130
N-Nitrosodimethylamine	<12		99.7	73.6		ug/L		74	54 - 130
N-Nitrosodi-n-propylamine	<12		99.7	86.4		ug/L		87	64 - 130
N-Nitrosodiphenylamine	<12		99.7	76.3		ug/L		77	68 - 130
Pentachlorophenol	<62		99.7	94.2		ug/L		94	42 - 138
Phenanthrene	<12		99.7	85.8		ug/L		86	62 - 130
Phenol	<12		99.7	73.0		ug/L		73	29 - 130
Pyrene	<12		99.7	93.5		ug/L		94	60 - 130
Pyridine	<62		99.7	55.9		ug/L		56	10 - 130
1,2,4-Trichlorobenzene	<12		99.7	65.9		ug/L		66	42 - 130
2,4,5-Trichlorophenol	<12		99.7	87.9		ug/L		88	61 - 130
2,4,6-Trichlorophenol	<12		99.7	84.2		ug/L		84	57 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*79*		*38 - 130*
2-Fluorophenol	*68*		*25 - 130*
Nitrobenzene-d5	*81*		*39 - 130*
Phenol-d5	*74*		*25 - 130*
Terphenyl-d14	*87*		*10 - 143*
2,4,6-Tribromophenol	*93*		*31 - 141*

Lab Sample ID: 680-70818-5 MSD
Matrix: Water
Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	<12		112	74.2		ug/L		66	55 - 130	8	50
Acenaphthylene	<12		112	67.5		ug/L		60	60 - 130	18	50

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

Lab Sample ID: 680-70818-5 MSD
Matrix: Water
Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetophenone	<12		112	67.5		ug/L		60	54 - 130	17	50
Aniline	<25		112	54.7		ug/L		49	10 - 130	7	50
Anthracene	<12		112	85.5		ug/L		77	61 - 130	2	50
Benzo[a]anthracene	<12		112	91.4		ug/L		82	58 - 130	2	50
Benzo[a]pyrene	<12		112	96.0		ug/L		86	61 - 130	4	50
Benzo[b]fluoranthene	<12		112	90.8		ug/L		81	51 - 130	13	50
Benzo[g,h,i]perylene	<12		112	89.5		ug/L		80	54 - 130	6	50
Benzo[k]fluoranthene	<12		112	85.5		ug/L		77	53 - 130	1	50
Benzyl alcohol	<12		112	62.2		ug/L		56	53 - 130	23	50
1,1'-Biphenyl	<12		112	76.1		ug/L		68	54 - 130	10	50
Bis(2-chloroethoxy)methane	<12		112	49.1	F	ug/L		44	64 - 130	53	50
Bis(2-chloroethyl)ether	<12		112	63.2		ug/L		57	56 - 130	23	50
bis(chloroisopropyl) ether	<12		112	64.9		ug/L		58	55 - 130	23	50
Bis(2-ethylhexyl) phthalate	<12		112	97.7		ug/L		87	62 - 130	3	50
4-Bromophenyl phenyl ether	<12		112	88.6		ug/L		79	61 - 130	0	50
Butyl benzyl phthalate	<12		112	100		ug/L		90	66 - 130	3	50
4-Chloroaniline	<25		112	29.0	F	ug/L		26	42 - 130	23	50
4-Chloro-3-methylphenol	<12		112	87.8		ug/L		79	60 - 130	3	50
2-Chloronaphthalene	<12		112	68.2		ug/L		61	53 - 130	12	50
2-Chlorophenol	<12		112	60.2	F	ug/L		54	57 - 130	22	50
4-Chlorophenyl phenyl ether	<12		112	84.8		ug/L		76	57 - 130	3	50
Chrysene	<12		112	92.4		ug/L		83	59 - 130	3	50
Dibenz(a,h)anthracene	<12		112	93.8		ug/L		84	55 - 130	8	50
Dibenzofuran	<12		112	77.0		ug/L		69	58 - 130	4	50
1,2-Dichlorobenzene	<12		112	53.1		ug/L		48	43 - 130	16	50
1,3-Dichlorobenzene	<12		112	51.3		ug/L		46	41 - 130	15	50
1,4-Dichlorobenzene	<12		112	50.8		ug/L		45	43 - 130	18	50
3,3'-Dichlorobenzidine	<75		112	<67	F	ug/L		0	27 - 130	NC	50
2,4-Dichlorophenol	<12		112	71.1		ug/L		64	54 - 130	12	50
Diethyl phthalate	<12		112	91.5		ug/L		82	70 - 130	2	50
2,4-Dimethylphenol	<12		112	70.9		ug/L		63	40 - 130	11	50
Dimethyl phthalate	<12		112	86.8		ug/L		78	69 - 130	1	50
Di-n-butyl phthalate	<12		112	99.9		ug/L		89	66 - 130	3	50
4,6-Dinitro-2-methylphenol	<62		112	102		ug/L		91	45 - 134	5	50
2,4-Dinitrophenol	<62		112	118		ug/L		106	20 - 165	4	50
2,4-Dinitrotoluene	<12		112	86.5		ug/L		77	63 - 130	3	50
2,6-Dinitrotoluene	<12		112	93.4		ug/L		84	65 - 130	1	50
Di-n-octyl phthalate	<12		112	100		ug/L		90	64 - 130	2	50
1,4-Dioxane	<12		112	47.4		ug/L		42	35 - 130	11	50
Fluoranthene	<12		112	93.9		ug/L		84	56 - 130	7	50
Fluorene	<12		112	83.1		ug/L		74	61 - 130	1	50
Hexachlorobenzene	<12		112	80.8		ug/L		72	52 - 130	3	50
Hexachlorobutadiene	<12		112	59.0		ug/L		53	36 - 130	15	50
Hexachlorocyclopentadiene	<12		112	24.5		ug/L		22	10 - 130	8	50
Hexachloroethane	<12		112	47.2		ug/L		42	39 - 130	17	50
Indeno[1,2,3-cd]pyrene	<12		112	105		ug/L		94	47 - 130	4	50
Isophorone	<12		112	66.3		ug/L		59	59 - 130	15	50
2-Methylnaphthalene	<12		112	68.9		ug/L		62	52 - 130	13	50
2-Methylphenol	<12		112	65.7		ug/L		59	55 - 130	19	50
3 & 4 Methylphenol	<12		112	68.5		ug/L		61	35 - 130	17	50

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

Lab Sample ID: 680-70818-5 MSD
Matrix: Water
Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	<12		112	63.6		ug/L		57	50 - 130	15	50
2-Nitroaniline	<62		112	72.8		ug/L		65	60 - 130	5	50
3-Nitroaniline	<62		112	<56	F	ug/L		14	54 - 130	101	50
4-Nitroaniline	<62		112	<56	F	ug/L		28	54 - 130	67	50
Nitrobenzene	<12		112	65.6		ug/L		59	56 - 130	18	50
2-Nitrophenol	<12		112	71.6		ug/L		64	54 - 130	19	50
4-Nitrophenol	<62		112	91.3		ug/L		82	38 - 130	4	50
N-Nitrosodimethylamine	<12		112	59.6	F	ug/L		53	54 - 130	21	50
N-Nitrosodi-n-propylamine	<12		112	69.9	F	ug/L		63	64 - 130	21	50
N-Nitrosodiphenylamine	<12		112	58.7	F	ug/L		53	68 - 130	26	50
Pentachlorophenol	<62		112	97.3		ug/L		87	42 - 138	3	50
Phenanthrene	<12		112	89.1		ug/L		80	62 - 130	4	50
Phenol	<12		112	60.6		ug/L		54	29 - 130	19	50
Pyrene	<12		112	96.6		ug/L		86	60 - 130	3	50
Pyridine	<62		112	<56		ug/L		47	10 - 130	6	50
1,2,4-Trichlorobenzene	<12		112	56.5		ug/L		51	42 - 130	15	50
2,4,5-Trichlorophenol	<12		112	87.2		ug/L		78	61 - 130	1	50
2,4,6-Trichlorophenol	<12		112	76.8		ug/L		69	57 - 130	9	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*38 - 130*
2-Fluorophenol	*50*		*25 - 130*
Nitrobenzene-d5	*62*		*39 - 130*
Phenol-d5	*55*		*25 - 130*
Terphenyl-d14	*82*		*10 - 143*
2,4,6-Tribromophenol	*89*		*31 - 141*

Lab Sample ID: 680-70818-6 MS
Matrix: Water
Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Acetylaminofluorene	<9.9		99.6	100		ug/L		101	63 - 130
alpha,alpha-Dimethyl phenethylamine	<2000		99.6	<2000		ug/L		51	10 - 200
4-Aminobiphenyl	<9.9		99.6	16.7		ug/L		17	10 - 130
Aramite, Total	<9.9		99.6	30.5		ug/L		31	12 - 181
Diallate	<9.9		99.6	51.6		ug/L		52	45 - 130
2,6-Dichlorophenol	<9.9		99.6	74.4		ug/L		75	55 - 130
Dimethoate	<9.9	*	99.6	51.4	F	ug/L		52	64 - 130
7,12-Dimethylbenz(a)anthracene	<9.9		99.6	34.0	F	ug/L		34	57 - 130
3,3'-Dimethylbenzidine	<20		249	32.8		ug/L		13	10 - 130
1,3-Dinitrobenzene	<9.9		99.6	74.8		ug/L		75	61 - 130
Dinoseb	<9.9		99.6	67.2	F	ug/L		67	70 - 138
Disulfoton	<9.9	*	99.6	43.5	F	ug/L		44	65 - 130
Ethyl methanesulfonate	<9.9		99.6	29.0		ug/L		29	10 - 156
Ethyl Parathion	<9.9		99.6	78.9		ug/L		79	67 - 153
Famphur	<9.9	*	99.6	62.6		ug/L		63	10 - 130
Hexachlorophene	<4900		498	<5000	E	ug/L		55	10 - 130
Hexachloropropene	<9.9		99.6	30.9		ug/L		31	10 - 130

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

Lab Sample ID: 680-70818-6 MS
Matrix: Water
Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Isosafrole	<9.9		99.6	35.2	F	ug/L		35	54 - 130
Methapyrilene	<2000		498	<2000		ug/L		25	10 - 155
3-Methylcholanthrene	<9.9		99.6	10.9		ug/L		11	10 - 148
Methyl methanesulfonate	<9.9		99.6	28.7		ug/L		29	10 - 130
Methyl parathion	<9.9	*	99.6	65.1		ug/L		65	65 - 148
1,4-Naphthoquinone	<9.9		99.6	40.5		ug/L		41	10 - 132
1-Naphthylamine	<9.9		99.6	12.0	F	ug/L		12	28 - 130
2-Naphthylamine	<9.9		99.6	17.3		ug/L		17	10 - 130
4-Nitroquinoline-1-oxide	<20		99.6	84.8		ug/L		85	10 - 146
N-Nitro-o-toluidine	<9.9		99.6	23.7	F	ug/L		24	46 - 130
N-Nitrosodiethylamine	<9.9		99.6	56.5		ug/L		57	37 - 130
N-Nitrosodi-n-butylamine	<9.9		99.6	65.5		ug/L		66	40 - 130
N-Nitrosomethylethylamine	<9.9		99.6	52.6		ug/L		53	22 - 130
N-Nitrosomorpholine	<9.9		99.6	72.9		ug/L		73	25 - 130
N-Nitrosopiperidine	<9.9		99.6	59.4		ug/L		60	55 - 130
N-Nitrosopyrrolidine	<9.9		99.6	55.3		ug/L		56	36 - 130
o,o',o"-Triethylphosphorothioate	<9.9		99.6	67.2		ug/L		67	18 - 139
p-Dimethylamino azobenzene	<9.9		99.6	48.2	F	ug/L		48	49 - 130
Pentachlorobenzene	<9.9		99.6	86.6		ug/L		87	60 - 130
Pentachloronitrobenzene	<9.9		99.6	93.7		ug/L		94	70 - 130
Phenacetin	<9.9		99.6	73.1		ug/L		73	47 - 130
Phorate	<9.9		99.6	48.9	F	ug/L		49	52 - 156
2-Picoline	<9.9		99.6	47.8		ug/L		48	10 - 130
p-Phenylene diamine	<2000		498	<2000	F	ug/L		0	10 - 130
Pronamide	<9.9		99.6	57.7	F	ug/L		58	70 - 130
Safrole, Total	<9.9		99.6	74.7		ug/L		75	54 - 130
Sulfotepp	<9.9		99.6	71.9		ug/L		72	65 - 130
1,2,4,5-Tetrachlorobenzene	<9.9		99.6	76.6		ug/L		77	51 - 130
2,3,4,6-Tetrachlorophenol	<9.9		99.6	95.0		ug/L		95	64 - 130
Thionazin	<9.9		99.6	56.0	F	ug/L		56	70 - 130
2-Toluidine	<9.9		99.6	47.9		ug/L		48	22 - 130
1,3,5-Trinitrobenzene	<9.9		99.6	47.2		ug/L		47	21 - 165

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*62*		*38 - 130*
2-Fluorophenol	*52*		*25 - 130*
Nitrobenzene-d5	*59*		*39 - 130*
Phenol-d5	*45*		*25 - 130*
Terphenyl-d14	*65*		*10 - 143*
2,4,6-Tribromophenol	*77*		*31 - 141*

Lab Sample ID: 680-70818-6 MSD
Matrix: Water
Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Acetylaminofluorene	<9.9		97.3	106		ug/L		109	63 - 130	5	50
alpha,alpha-Dimethyl phenethylamine	<2000		97.3	<1900		ug/L		52	10 - 200	1	5
4-Aminobiphenyl	<9.9		97.3	22.2		ug/L		23	10 - 130	28	50

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

Lab Sample ID: 680-70818-6 MSD
Matrix: Water
Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711
Prep Type: Total/NA
Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aramite, Total	<9.9		97.3	11.4	F	ug/L		12	12 - 181	91	50
Diallate	<9.9		97.3	59.5		ug/L		61	45 - 130	14	50
2,6-Dichlorophenol	<9.9		97.3	87.4		ug/L		90	55 - 130	16	50
Dimethoate	<9.9	*	97.3	46.5	F	ug/L		48	64 - 130	10	50
7,12-Dimethylbenz(a)anthracene	<9.9		97.3	38.9	F	ug/L		40	57 - 130	13	50
3,3'-Dimethylbenzidine	<20		243	47.7		ug/L		20	10 - 130	37	50
1,3-Dinitrobenzene	<9.9		97.3	86.0		ug/L		88	61 - 130	14	50
Dinoseb	<9.9		97.3	81.1		ug/L		83	70 - 138	19	50
Disulfoton	<9.9	*	97.3	50.0	F	ug/L		51	65 - 130	14	50
Ethyl methanesulfonate	<9.9		97.3	33.4		ug/L		34	10 - 156	14	50
Ethyl Parathion	<9.9		97.3	89.2		ug/L		92	67 - 153	12	50
Famphur	<9.9	*	97.3	35.4	F	ug/L		36	10 - 130	56	50
Hexachlorophene	<4900		487	<4900	E	ug/L		71	10 - 130	22	50
Hexachloropropene	<9.9		97.3	35.0		ug/L		36	10 - 130	13	50
Isosafrole	<9.9		97.3	18.1	F	ug/L		19	54 - 130	64	50
Methapyrilene	<2000		487	<1900		ug/L		38	10 - 155	41	50
3-Methylcholanthrene	<9.9		97.3	12.5		ug/L		13	10 - 148	14	50
Methyl methanesulfonate	<9.9		97.3	33.4		ug/L		34	10 - 130	15	50
Methyl parathion	<9.9	*	97.3	72.9		ug/L		75	65 - 148	11	50
1,4-Naphthoquinone	<9.9		97.3	26.3		ug/L		27	10 - 132	43	50
1-Naphthylamine	<9.9		97.3	13.3	F	ug/L		14	28 - 130	11	50
2-Naphthylamine	<9.9		97.3	16.1		ug/L		16	10 - 130	8	50
4-Nitroquinoline-1-oxide	<20		97.3	87.3		ug/L		90	10 - 146	3	50
N-Nitro-o-toluidine	<9.9		97.3	13.4	F	ug/L		14	46 - 130	56	50
N-Nitrosodiethylamine	<9.9		97.3	60.1		ug/L		62	37 - 130	6	50
N-Nitrosodi-n-butylamine	<9.9		97.3	74.5		ug/L		77	40 - 130	13	50
N-Nitrosomethylethylamine	<9.9		97.3	50.2		ug/L		52	22 - 130	5	50
N-Nitrosomorpholine	<9.9		97.3	76.5		ug/L		79	25 - 130	5	50
N-Nitrosopiperidine	<9.9		97.3	56.7		ug/L		58	55 - 130	5	50
N-Nitrosopyrrolidine	<9.9		97.3	53.7		ug/L		55	36 - 130	3	50
o,o',o''-Triethylphosphorothioate	<9.9		97.3	78.2		ug/L		80	18 - 139	15	50
p-Dimethylamino azobenzene	<9.9		97.3	19.0	F	ug/L		19	49 - 130	87	50
Pentachlorobenzene	<9.9		97.3	96.9		ug/L		100	60 - 130	11	50
Pentachloronitrobenzene	<9.9		97.3	104		ug/L		107	70 - 130	10	50
Phenacetin	<9.9		97.3	77.4		ug/L		80	47 - 130	6	50
Phorate	<9.9		97.3	47.5	F	ug/L		49	52 - 156	3	50
2-Picoline	<9.9		97.3	54.4		ug/L		56	10 - 130	13	50
p-Phenylene diamine	<2000		487	<1900	F	ug/L		3	10 - 130	NC	50
Pronamide	<9.9		97.3	45.1	F	ug/L		46	70 - 130	24	50
Safrole, Total	<9.9		97.3	87.1		ug/L		90	54 - 130	15	50
Sulfotepp	<9.9		97.3	79.9		ug/L		82	65 - 130	10	50
1,2,4,5-Tetrachlorobenzene	<9.9		97.3	84.7		ug/L		87	51 - 130	10	50
2,3,4,6-Tetrachlorophenol	<9.9		97.3	107		ug/L		109	64 - 130	11	50
Thionazin	<9.9		97.3	54.0	F	ug/L		55	70 - 130	4	50
2-Toluidine	<9.9		97.3	51.8		ug/L		53	22 - 130	8	50
1,3,5-Trinitrobenzene	<9.9		97.3	54.3		ug/L		56	21 - 165	14	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*69*		*38 - 130*

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

Lab Sample ID: 680-70818-6 MSD
Matrix: Water
Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711
Prep Type: Total/NA
Prep Batch: 210688

Surrogate	MSD % Recovery	MSD Qualifier	Limits
2-Fluorophenol	55		25 - 130
Nitrobenzene-d5	69		39 - 130
Phenol-d5	55		25 - 130
Terphenyl-d14	80		10 - 143
2,4,6-Tribromophenol	87		31 - 141

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Lab Sample ID: MB 680-210403/9-A
Matrix: Water
Analysis Batch: 212311

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
alpha-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
beta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Chlordane (technical)	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 03:53	1
Chlorobenzilate	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 03:53	1
4,4'-DDD	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
4,4'-DDE	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
4,4'-DDT	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
delta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Dieldrin	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endosulfan I	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endosulfan II	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endosulfan sulfate	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endrin	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endrin aldehyde	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endrin ketone	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
gamma-BHC (Lindane)	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Heptachlor	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Heptachlor epoxide	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Isodrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Kepone	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
Methoxychlor	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Toxaphene	<5.0		5.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1016	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1221	<2.0		2.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1232	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1242	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1248	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1254	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1260	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		36 - 130	07/29/11 14:35	08/08/11 03:53	1
Tetrachloro-m-xylene	68		36 - 130	07/29/11 14:35	08/08/11 03:53	1
DCB Decachlorobiphenyl	65		40 - 130	07/29/11 14:35	08/08/11 03:53	1
DCB Decachlorobiphenyl	53		40 - 130	07/29/11 14:35	08/08/11 03:53	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCS 680-210403/10-A
Matrix: Water
Analysis Batch: 212311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aldrin	0.100	0.0977		ug/L		98	14 - 168
alpha-BHC	0.100	0.0918		ug/L		92	43 - 138
beta-BHC	0.100	0.107		ug/L		107	38 - 158
4,4'-DDD	0.200	0.233		ug/L		116	49 - 144
4,4'-DDE	0.200	0.214		ug/L		107	46 - 144
4,4'-DDT	0.200	0.191		ug/L		95	48 - 166
delta-BHC	0.100	0.104		ug/L		104	23 - 191
Dieldrin	0.200	0.220		ug/L		110	61 - 136
Endosulfan I	0.100	0.105		ug/L		105	52 - 141
Endosulfan II	0.200	0.221		ug/L		110	60 - 140
Endosulfan sulfate	0.200	0.237		ug/L		119	60 - 151
Endrin	0.200	0.209		ug/L		104	66 - 150
Endrin aldehyde	0.200	0.215		ug/L		108	16 - 200
Endrin ketone	0.200	0.228		ug/L		114	55 - 156
gamma-BHC (Lindane)	0.100	0.100		ug/L		100	54 - 134
Heptachlor	0.100	0.119		ug/L		119	10 - 200
Heptachlor epoxide	0.100	0.105		ug/L		105	49 - 142
Methoxychlor	0.200	0.251		ug/L		125	13 - 186

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*70*		*36 - 130*
Tetrachloro-m-xylene	*73*		*36 - 130*
DCB Decachlorobiphenyl	*79*		*40 - 130*
DCB Decachlorobiphenyl	*67*		*40 - 130*

Lab Sample ID: LCS 680-210403/13-A
Matrix: Water
Analysis Batch: 212311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	10.0	9.80		ug/L		98	38 - 172
PCB-1260	10.0	11.0		ug/L		110	46 - 138

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*73*		*36 - 130*
Tetrachloro-m-xylene	*78*		*36 - 130*
DCB Decachlorobiphenyl	*85*		*40 - 130*
DCB Decachlorobiphenyl	*75*		*40 - 130*

Lab Sample ID: LCS 680-210403/18-A
Matrix: Water
Analysis Batch: 212311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210403

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*68*		*36 - 130*
Tetrachloro-m-xylene	*71*		*36 - 130*
DCB Decachlorobiphenyl	*61*		*40 - 130*
DCB Decachlorobiphenyl	*49*		*40 - 130*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCSD 680-210403/17-A
Matrix: Water
Analysis Batch: 212311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 210403

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlordane (technical)			5.00	6.20		ug/L		124	56 - 144	6	50

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*70*		*36 - 130*
Tetrachloro-m-xylene	*67*		*36 - 130*
DCB Decachlorobiphenyl	*78*		*40 - 130*
DCB Decachlorobiphenyl	*67*		*40 - 130*

Lab Sample ID: LCSD 680-210403/19-A
Matrix: Water
Analysis Batch: 212311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 210403

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*60*		*36 - 130*
Tetrachloro-m-xylene	*63*		*36 - 130*
DCB Decachlorobiphenyl	*67*		*40 - 130*
DCB Decachlorobiphenyl	*57*		*40 - 130*

Lab Sample ID: 680-70818-5 MS
Matrix: Water
Analysis Batch: 212311

Client Sample ID: ASH-MW12-072711
Prep Type: Total/NA
Prep Batch: 210403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Aldrin	<0.050		0.0986	0.0811		ug/L		82	14 - 168
alpha-BHC	<0.050		0.0986	0.0825		ug/L		84	43 - 138
beta-BHC	<0.050		0.0986	0.113		ug/L		115	38 - 158
4,4'-DDD	<0.099		0.197	0.197		ug/L		100	49 - 144
4,4'-DDE	<0.099		0.197	0.186		ug/L		94	46 - 144
4,4'-DDT	<0.099		0.197	0.213		ug/L		108	48 - 166
delta-BHC	<0.050		0.0986	0.0937		ug/L		95	23 - 191
Dieldrin	<0.099		0.197	0.186		ug/L		94	61 - 136
Endosulfan I	<0.050		0.0986	0.0881		ug/L		89	52 - 141
Endosulfan II	<0.099		0.197	0.182		ug/L		92	60 - 140
Endosulfan sulfate	<0.099		0.197	0.172		ug/L		87	60 - 151
Endrin	<0.099		0.197	0.184		ug/L		93	66 - 150
Endrin aldehyde	<0.099		0.197	0.127		ug/L		65	16 - 200
Endrin ketone	<0.099		0.197	0.178		ug/L		90	55 - 156
gamma-BHC (Lindane)	<0.050		0.0986	0.0876		ug/L		89	54 - 134
Heptachlor	<0.050		0.0986	0.0520	p	ug/L		53	10 - 200
Heptachlor epoxide	<0.050		0.0986	0.0882		ug/L		89	49 - 142
Methoxychlor	<0.099		0.197	0.148	p	ug/L		75	13 - 186

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*64*		*36 - 130*
Tetrachloro-m-xylene	*65*		*36 - 130*
DCB Decachlorobiphenyl	*68*		*40 - 130*
DCB Decachlorobiphenyl	*55*		*40 - 130*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: 680-70818-5 MSD
Matrix: Water
Analysis Batch: 212311

Client Sample ID: ASH-MW12-072711
Prep Type: Total/NA
Prep Batch: 210403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aldrin	<0.050		0.0998	0.0769		ug/L		77	14 - 168	5	50
alpha-BHC	<0.050		0.0998	0.0741		ug/L		74	43 - 138	11	50
beta-BHC	<0.050		0.0998	0.0646	p F	ug/L		65	38 - 158	54	50
4,4'-DDD	<0.099		0.200	0.172		ug/L		86	49 - 144	13	50
4,4'-DDE	<0.099		0.200	0.171		ug/L		86	46 - 144	9	50
4,4'-DDT	<0.099		0.200	0.172		ug/L		86	48 - 166	21	50
delta-BHC	<0.050		0.0998	0.0777		ug/L		78	23 - 191	19	50
Dieldrin	<0.099		0.200	0.170		ug/L		85	61 - 136	9	50
Endosulfan I	<0.050		0.0998	0.0811		ug/L		81	52 - 141	8	50
Endosulfan II	<0.099		0.200	0.158		ug/L		79	60 - 140	14	50
Endosulfan sulfate	<0.099		0.200	0.149		ug/L		75	60 - 151	14	50
Endrin	<0.099		0.200	0.164		ug/L		82	66 - 150	12	50
Endrin aldehyde	<0.099		0.200	0.122		ug/L		61	16 - 200	4	50
Endrin ketone	<0.099		0.200	0.153		ug/L		77	55 - 156	15	50
gamma-BHC (Lindane)	<0.050		0.0998	0.0769		ug/L		77	54 - 134	13	50
Heptachlor	<0.050		0.0998	<0.050		ug/L		45	10 - 200	14	50
Heptachlor epoxide	<0.050		0.0998	0.0791		ug/L		79	49 - 142	11	50
Methoxychlor	<0.099		0.200	<0.10		ug/L		50	13 - 186	40	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*55*		*36 - 130*
Tetrachloro-m-xylene	*57*		*36 - 130*
DCB Decachlorobiphenyl	*63*		*40 - 130*
DCB Decachlorobiphenyl	*51*		*40 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-210385/10-A
Matrix: Water
Analysis Batch: 210709

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.50		0.50		ug/L		07/29/11 07:54	08/01/11 16:55	1
Silvex (2,4,5-TP)	<0.50		0.50		ug/L		07/29/11 07:54	08/01/11 16:55	1
2,4,5-T	<0.50		0.50		ug/L		07/29/11 07:54	08/01/11 16:55	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*92*		*52 - 151*	*07/29/11 07:54*	*08/01/11 16:55*	*1*
DCAA	*77*		*52 - 151*	*07/29/11 07:54*	*08/01/11 16:55*	*1*

Lab Sample ID: LCS 680-210385/11-A
Matrix: Water
Analysis Batch: 210709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	2.00	1.92		ug/L		96	63 - 130
Silvex (2,4,5-TP)	2.00	1.82		ug/L		91	64 - 130
2,4,5-T	2.00	1.88		ug/L		94	59 - 130

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 680-210385/11-A
Matrix: Water
Analysis Batch: 210709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210385

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCAA	92		52 - 151
DCAA	98		52 - 151

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Lab Sample ID: G1G290000037B
Matrix: Water
Analysis Batch: 1210037

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 1210037_P

Analyte	MB Result	MB Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		10	0.54	1		pg/L		07/29/11 09:00	07/29/11 19:42	1
Total HxCDD	ND		50	0.35			pg/L		07/29/11 09:00	07/29/11 19:42	1
Total HxCDF	ND		50	0.29			pg/L		07/29/11 09:00	07/29/11 19:42	1
Total PeCDD	ND		50	0.95			pg/L		07/29/11 09:00	07/29/11 19:42	1
Total PeCDF	ND		50	0.42			pg/L		07/29/11 09:00	07/29/11 19:42	1
Total TCDD	ND		10	0.54			pg/L		07/29/11 09:00	07/29/11 19:42	1
Total TCDF	ND		10	0.55			pg/L		07/29/11 09:00	07/29/11 19:42	1
Total TEQ						0.00					

Internal Standard	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	86		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,7,8-PeCDD	99		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,6,7,8-HxCDD	91		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-2,3,7,8-TCDF	89		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,7,8-PeCDF	94		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,4,7,8-HxCDF	86		40 - 135	07/29/11 09:00	07/29/11 19:42	1

Lab Sample ID: G1G290000037C
Matrix: Water
Analysis Batch: 1210037

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 1210037_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,3,7,8-TCDD	200	210		pg/L		105	72 - 144

Internal Standard	LCS % Recovery	LCS Qualifier	Limits
13C-2,3,7,8-TCDD	82		40 - 135
13C-1,2,3,7,8-PeCDD	92		40 - 135
13C-1,2,3,6,7,8-HxCDD	79		40 - 135
13C-2,3,7,8-TCDF	80		40 - 135
13C-1,2,3,7,8-PeCDF	85		40 - 135
13C-1,2,3,4,7,8-HxCDF	72		40 - 135

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-210578/1-A
Matrix: Water
Analysis Batch: 211230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Arsenic	<2.5		2.5		ug/L		08/01/11 08:48	08/06/11 20:57	1
Barium	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Beryllium	<0.50		0.50		ug/L		08/01/11 08:48	08/06/11 20:57	1
Cadmium	<0.50		0.50		ug/L		08/01/11 08:48	08/06/11 20:57	1
Chromium	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Cobalt	<0.50		0.50		ug/L		08/01/11 08:48	08/06/11 20:57	1
Copper	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Lead	<1.5		1.5		ug/L		08/01/11 08:48	08/06/11 20:57	1
Nickel	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Selenium	<2.5		2.5		ug/L		08/01/11 08:48	08/06/11 20:57	1
Silver	<1.0		1.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Thallium	<1.0		1.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Tin	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Vanadium	<10		10		ug/L		08/01/11 08:48	08/06/11 20:57	1
Zinc	<20		20		ug/L		08/01/11 08:48	08/06/11 20:57	1

Lab Sample ID: LCS 680-210578/2-A
Matrix: Water
Analysis Batch: 211230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	50.0	45.4		ug/L		91	75 - 125
Arsenic	100	97.9		ug/L		98	75 - 125
Barium	100	95.6		ug/L		96	75 - 125
Beryllium	50.0	48.7		ug/L		97	75 - 125
Cadmium	50.0	50.0		ug/L		100	75 - 125
Chromium	100	94.4		ug/L		94	75 - 125
Cobalt	50.0	47.4		ug/L		95	75 - 125
Copper	100	97.8		ug/L		98	75 - 125
Lead	50.0	49.1		ug/L		98	75 - 125
Nickel	100	98.4		ug/L		98	75 - 125
Selenium	100	104		ug/L		104	75 - 125
Silver	50.0	49.8		ug/L		100	75 - 125
Thallium	40.0	39.7		ug/L		99	75 - 125
Tin	100	95.8		ug/L		96	75 - 125
Vanadium	100	92.9		ug/L		93	75 - 125
Zinc	100	104		ug/L		104	75 - 125

Lab Sample ID: MB 680-210809/1-A
Matrix: Water
Analysis Batch: 211204

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Arsenic	<2.5		2.5		ug/L		08/03/11 09:07	08/07/11 06:17	1
Barium	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Beryllium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:17	1
Cadmium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:17	1
Chromium	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-210809/1-A
Matrix: Water
Analysis Batch: 211204

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:17	1
Copper	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Lead	<1.5		1.5		ug/L		08/03/11 09:07	08/07/11 06:17	1
Nickel	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Selenium	<2.5		2.5		ug/L		08/03/11 09:07	08/07/11 06:17	1
Silver	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Thallium	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Tin	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Vanadium	<10		10		ug/L		08/03/11 09:07	08/07/11 06:17	1
Zinc	<20		20		ug/L		08/03/11 09:07	08/07/11 06:17	1

Lab Sample ID: LCS 680-210809/2-A
Matrix: Water
Analysis Batch: 211204

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	50.0	48.4		ug/L		97	75 - 125
Arsenic	100	101		ug/L		101	75 - 125
Barium	100	108		ug/L		108	75 - 125
Beryllium	50.0	46.8		ug/L		94	75 - 125
Cadmium	50.0	52.4		ug/L		105	75 - 125
Chromium	100	101		ug/L		101	75 - 125
Cobalt	50.0	49.8		ug/L		100	75 - 125
Copper	100	102		ug/L		102	75 - 125
Lead	50.0	51.4		ug/L		103	75 - 125
Nickel	100	99.6		ug/L		100	75 - 125
Selenium	100	106		ug/L		106	75 - 125
Silver	50.0	50.0		ug/L		100	75 - 125
Thallium	40.0	41.3		ug/L		103	75 - 125
Tin	100	102		ug/L		102	75 - 125
Vanadium	100	99.3		ug/L		99	75 - 125
Zinc	100	108		ug/L		108	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-210895/1-A
Matrix: Water
Analysis Batch: 211050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/03/11 16:56	08/04/11 17:34	1

Lab Sample ID: LCS 680-210895/2-A
Matrix: Water
Analysis Batch: 211050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	2.50	2.57		ug/L		103	80 - 120

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 680-210574/1-A
Matrix: Water
Analysis Batch: 210679

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		08/01/11 07:51	08/02/11 06:31	1

Lab Sample ID: HLCS 680-210574/3-A
Matrix: Water
Analysis Batch: 210679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210574

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0751	0.0804		mg/L		107	

Lab Sample ID: LCS 680-210574/2-A
Matrix: Water
Analysis Batch: 210679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0301	0.0272		mg/L		90	85 - 115

Lab Sample ID: 680-70818-7 DU
Matrix: Water
Analysis Batch: 210679

Client Sample ID: ASH-MW04-072711
Prep Type: Total/NA
Prep Batch: 210574

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	<0.010		<0.010		mg/L		NC	20

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-210451/1
Matrix: Water
Analysis Batch: 210451

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0		mg/L			07/29/11 13:06	1

Lab Sample ID: LCS 680-210451/2
Matrix: Water
Analysis Batch: 210451

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	10.0	8.72		mg/L		87	75 - 125

GC/MS VOA

Analysis Batch: 210624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-1	ASH-MW24-072711	Total/NA	Water	8260B	
680-70818-3	ASH-MW18-072711	Total/NA	Water	8260B	
680-70818-4	ASH-MW20-072711	Total/NA	Water	8260B	
680-70818-5	ASH-MW12-072711	Total/NA	Water	8260B	
680-70818-6	ASH-MW02-072711	Total/NA	Water	8260B	
680-70818-7	ASH-MW04-072711	Total/NA	Water	8260B	
680-70818-9	ASH-MW10-072711	Total/NA	Water	8260B	
680-70818-10	ASH-MW03-072711	Total/NA	Water	8260B	
680-70818-11	ASH-DUP-072711	Total/NA	Water	8260B	
680-70818-12	Trip Blank 063011	Total/NA	Water	8260B	
LCS 680-210624/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-210624/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-210624/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 210665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-2	ASH-MW22-072711	Total/NA	Water	8260B	
LCS 680-210665/8	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-210665/9	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-210665/11	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 210908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-2 MS	ASH-MW22-072711	Total/NA	Water	8260B	
680-70818-2 MSD	ASH-MW22-072711	Total/NA	Water	8260B	
680-70818-8	ASH-MW11-072711	Total/NA	Water	8260B	
LCS 680-210908/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-210908/8	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-210908/9	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 210688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-6	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-6 MS	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-6 MSD	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-7	ASH-MW04-072711	Total/NA	Water	3520C	
LCS 680-210688/10-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-210688/16-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-210688/9-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 210976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	8270C	210688
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	8270C	210688
LCS 680-210688/10-A	Lab Control Sample	Total/NA	Water	8270C	210688

GC/MS Semi VOA (Continued)

Analysis Batch: 211110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8270C	210688
680-70818-6	ASH-MW02-072711	Total/NA	Water	8270C	210688
680-70818-6 MS	ASH-MW02-072711	Total/NA	Water	8270C	210688
680-70818-6 MSD	ASH-MW02-072711	Total/NA	Water	8270C	210688
680-70818-7	ASH-MW04-072711	Total/NA	Water	8270C	210688
LCS 680-210688/16-A	Lab Control Sample	Total/NA	Water	8270C	210688
MB 680-210688/9-A	Method Blank	Total/NA	Water	8270C	210688

GC Semi VOA

Prep Batch: 210385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8151A	
680-70818-6	ASH-MW02-072711	Total/NA	Water	8151A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	8151A	
LCS 680-210385/11-A	Lab Control Sample	Total/NA	Water	8151A	
MB 680-210385/10-A	Method Blank	Total/NA	Water	8151A	

Prep Batch: 210403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-6	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-7	ASH-MW04-072711	Total/NA	Water	3520C	
LCS 680-210403/10-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-210403/13-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-210403/18-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-210403/17-A	Lab Control Sample Dup	Total/NA	Water	3520C	
LCSD 680-210403/19-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 680-210403/9-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 210709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8151A	210385
680-70818-6	ASH-MW02-072711	Total/NA	Water	8151A	210385
680-70818-7	ASH-MW04-072711	Total/NA	Water	8151A	210385
LCS 680-210385/11-A	Lab Control Sample	Total/NA	Water	8151A	210385
MB 680-210385/10-A	Method Blank	Total/NA	Water	8151A	210385

Analysis Batch: 212311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8081A_8082	210403
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	8081A_8082	210403
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	8081A_8082	210403
680-70818-6	ASH-MW02-072711	Total/NA	Water	8081A_8082	210403
680-70818-7	ASH-MW04-072711	Total/NA	Water	8081A_8082	210403
LCS 680-210403/10-A	Lab Control Sample	Total/NA	Water	8081A_8082	210403
LCS 680-210403/13-A	Lab Control Sample	Total/NA	Water	8081A_8082	210403
LCS 680-210403/18-A	Lab Control Sample	Total/NA	Water	8081A_8082	210403
LCSD 680-210403/17-A	Lab Control Sample Dup	Total/NA	Water	8081A_8082	210403
LCSD 680-210403/19-A	Lab Control Sample Dup	Total/NA	Water	8081A_8082	210403

GC Semi VOA (Continued)

Analysis Batch: 212311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-210403/9-A	Method Blank	Total/NA	Water	8081A_8082	210403

DIOXIN

Analysis Batch: 1210037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total	Water	8290	
680-70818-6	ASH-MW02-072711	Total	Water	8290	
680-70818-7	ASH-MW04-072711	Total	Water	8290	
G1G290000037B	Method Blank	Total	Water	8290	
G1G290000037C	Lab Control Sample	Total	Water	8290	

Prep Batch: 1210037_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total	Water	8290	
680-70818-6	ASH-MW02-072711	Total	Water	8290	
680-70818-7	ASH-MW04-072711	Total	Water	8290	
G1G290000037B	Method Blank	Total	Water	8290	
G1G290000037C	Lab Control Sample	Total	Water	8290	

Metals

Prep Batch: 210578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	3010A	
LCS 680-210578/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 680-210578/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 210809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-6	ASH-MW02-072711	Total/NA	Water	3010A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	3010A	
LCS 680-210809/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 680-210809/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 210895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	7470A	
680-70818-6	ASH-MW02-072711	Total/NA	Water	7470A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	7470A	
LCS 680-210895/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-210895/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 211050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	7470A	210895
680-70818-6	ASH-MW02-072711	Total/NA	Water	7470A	210895
680-70818-7	ASH-MW04-072711	Total/NA	Water	7470A	210895
LCS 680-210895/2-A	Lab Control Sample	Total/NA	Water	7470A	210895
MB 680-210895/1-A	Method Blank	Total/NA	Water	7470A	210895

Metals (Continued)

Analysis Batch: 211204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-6	ASH-MW02-072711	Total/NA	Water	6020	210809
680-70818-7	ASH-MW04-072711	Total/NA	Water	6020	210809
LCS 680-210809/2-A	Lab Control Sample	Total/NA	Water	6020	210809
MB 680-210809/1-A	Method Blank	Total/NA	Water	6020	210809

Analysis Batch: 211230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	6020	210578
LCS 680-210578/2-A	Lab Control Sample	Total/NA	Water	6020	210578
MB 680-210578/1-A	Method Blank	Total/NA	Water	6020	210578

General Chemistry

Analysis Batch: 210451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	9034	
680-70818-6	ASH-MW02-072711	Total/NA	Water	9034	
680-70818-7	ASH-MW04-072711	Total/NA	Water	9034	
LCS 680-210451/2	Lab Control Sample	Total/NA	Water	9034	
MB 680-210451/1	Method Blank	Total/NA	Water	9034	

Prep Batch: 210574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	9012A	
680-70818-6	ASH-MW02-072711	Total/NA	Water	9012A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	9012A	
680-70818-7 DU	ASH-MW04-072711	Total/NA	Water	9012A	
HLCS 680-210574/3-A	Lab Control Sample	Total/NA	Water	9012A	
LCS 680-210574/2-A	Lab Control Sample	Total/NA	Water	9012A	
MB 680-210574/1-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 210679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	9012A	210574
680-70818-6	ASH-MW02-072711	Total/NA	Water	9012A	210574
680-70818-7	ASH-MW04-072711	Total/NA	Water	9012A	210574
680-70818-7 DU	ASH-MW04-072711	Total/NA	Water	9012A	210574
HLCS 680-210574/3-A	Lab Control Sample	Total/NA	Water	9012A	210574
LCS 680-210574/2-A	Lab Control Sample	Total/NA	Water	9012A	210574
MB 680-210574/1-A	Method Blank	Total/NA	Water	9012A	210574

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW24-072711

Lab Sample ID: 680-70818-1
Matrix: Water
Date Collected: 07/27/11 08:20
Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 15:23	RB	TAL SAV

Client Sample ID: ASH-MW22-072711

Lab Sample ID: 680-70818-2
Matrix: Water
Date Collected: 07/27/11 08:55
Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210665	07/30/11 16:37	RB	TAL SAV

Client Sample ID: ASH-MW18-072711

Lab Sample ID: 680-70818-3
Matrix: Water
Date Collected: 07/27/11 09:23
Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 15:53	RB	TAL SAV

Client Sample ID: ASH-MW20-072711

Lab Sample ID: 680-70818-4
Matrix: Water
Date Collected: 07/27/11 10:00
Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 20:48	RB	TAL SAV

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5
Matrix: Water
Date Collected: 07/27/11 10:14
Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 16:23	RB	TAL SAV
Total/NA	Prep	3520C			400.2 mL	0.5 mL	210688	08/02/11 15:02	RBS	TAL SAV
Total/NA	Analysis	8270C		1			211110	08/05/11 17:00	LH	TAL SAV
Total/NA	Prep	8151A			974.5 mL	10 mL	210385	07/29/11 07:54	CTR	TAL SAV
Total/NA	Analysis	8151A		1			210709	08/01/11 18:47	WTE	TAL SAV
Total/NA	Prep	3520C			504.4 mL	5 mL	210403	07/29/11 14:35	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1			212311	08/08/11 06:07	WTE	TAL SAV
Total	Prep	8290			1016.71 mL	20 uL	1210037_P	07/29/11 09:00	BG	TAL WSC
Total	Analysis	8290		0.98			1210037	07/30/11 01:44	LLH	TAL WSC
Total/NA	Prep	7470A			50 mL	50 mL	210895	08/03/11 17:01	RAM	TAL SAV
Total/NA	Analysis	7470A		1			211050	08/04/11 18:43	CE	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	210578	08/01/11 08:48	BCB	TAL SAV
Total/NA	Analysis	6020		1			211230	08/07/11 00:12	BB	TAL SAV
Total/NA	Analysis	9034		1	250 mL	250 mL	210451	07/29/11 13:06	DAM	TAL SAV
Total/NA	Prep	9012A			50 mL	50 mL	210574	08/01/11 07:51	DAM	TAL SAV
Total/NA	Analysis	9012A		1			210679	08/02/11 06:56	DAM	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10
Matrix: Water
Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 16:52	RB	TAL SAV
Total/NA	Prep	3520C			507.0 mL	0.5 mL	210688	08/02/11 15:02	RBS	TAL SAV
Total/NA	Analysis	8270C		1			211110	08/05/11 16:01	LH	TAL SAV
Total/NA	Prep	8151A			988.9 mL	10 mL	210385	07/29/11 07:54	CTR	TAL SAV
Total/NA	Analysis	8151A		1			210709	08/01/11 19:02	WTE	TAL SAV
Total/NA	Prep	3520C			1006.3 mL	10 mL	210403	07/29/11 14:35	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1			212311	08/08/11 06:26	WTE	TAL SAV
Total	Prep	8290			988.62 mL	20 uL	1210037_P	07/29/11 09:00	BG	TAL WSC
Total	Analysis	8290		1.01			1210037	07/30/11 02:29	LLH	TAL WSC
Total/NA	Prep	7470A			50 mL	50 mL	210895	08/03/11 17:01	RAM	TAL SAV
Total/NA	Analysis	7470A		1			211050	08/04/11 18:53	CE	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	210809	08/03/11 09:07	RA	TAL SAV
Total/NA	Analysis	6020		1			211204	08/07/11 06:38	BB	TAL SAV
Total/NA	Analysis	9034		1	250 mL	250 mL	210451	07/29/11 13:06	DAM	TAL SAV
Total/NA	Prep	9012A			50 mL	50 mL	210574	08/01/11 07:51	DAM	TAL SAV
Total/NA	Analysis	9012A		1			210679	08/02/11 06:57	DAM	TAL SAV

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55
Matrix: Water
Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 21:48	RB	TAL SAV
Total/NA	Prep	3520C			958.8 mL	1 mL	210688	08/02/11 15:02	RBS	TAL SAV
Total/NA	Analysis	8270C		1			211110	08/05/11 16:30	LH	TAL SAV
Total/NA	Prep	8151A			981.1 mL	10 mL	210385	07/29/11 07:54	CTR	TAL SAV
Total/NA	Analysis	8151A		1			210709	08/01/11 19:18	WTE	TAL SAV
Total/NA	Prep	3520C			978.7 mL	10 mL	210403	07/29/11 14:35	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1			212311	08/08/11 06:45	WTE	TAL SAV
Total	Prep	8290			999.19 mL	20 uL	1210037_P	07/29/11 09:00	BG	TAL WSC
Total	Analysis	8290		1			1210037	07/30/11 03:14	LLH	TAL WSC
Total/NA	Prep	7470A			50 mL	50 mL	210895	08/03/11 17:01	RAM	TAL SAV
Total/NA	Analysis	7470A		1			211050	08/04/11 18:56	CE	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	210809	08/03/11 09:07	RA	TAL SAV
Total/NA	Analysis	6020		1			211204	08/07/11 06:44	BB	TAL SAV
Total/NA	Analysis	9034		1	250 mL	250 mL	210451	07/29/11 13:06	DAM	TAL SAV
Total/NA	Prep	9012A			50 mL	50 mL	210574	08/01/11 07:51	DAM	TAL SAV
Total/NA	Analysis	9012A		1			210679	08/02/11 06:58	DAM	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW11-072711
Date Collected: 07/27/11 14:55
Date Received: 07/28/11 14:09

Lab Sample ID: 680-70818-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210908	08/01/11 19:52	WJC	TAL SAV

Client Sample ID: ASH-MW10-072711
Date Collected: 07/27/11 14:40
Date Received: 07/28/11 14:09

Lab Sample ID: 680-70818-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 20:19	RB	TAL SAV

Client Sample ID: ASH-MW03-072711
Date Collected: 07/27/11 13:40
Date Received: 07/28/11 14:09

Lab Sample ID: 680-70818-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 19:49	RB	TAL SAV

Client Sample ID: ASH-DUP-072711
Date Collected: 07/27/11 00:00
Date Received: 07/28/11 14:09

Lab Sample ID: 680-70818-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 21:18	RB	TAL SAV

Client Sample ID: Trip Blank 063011
Date Collected: 07/27/11 00:00
Date Received: 07/28/11 14:09

Lab Sample ID: 680-70818-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 14:24	RB	TAL SAV

Laboratory References:
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL WSC = TestAmerica West Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Cooler / Custody Seal #: [illegible]

Serial Number [illegible]

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

☒ TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	Hercules Hattiesburg AP96M
PROJECT NO.	11073
PROJECT LOCATION (STATE)	MS
TAL (LAB) PROJECT MANAGER	Lidya Gulizia
P.O. NUMBER	
CONTRACT NO.	
CLIENT (SITE) PM	Tim Hassett
CLIENT PHONE	302-995-3456
CLIENT FAX	995-3456
CLIENT NAME	Ashland Chemical
CLIENT E-MAIL	td hassett@ashland.com
CLIENT ADDRESS	500 Hercules Road Wilmington, DE 19808-1599
COMPANY CONTRACTING THIS WORK (if applicable)	

PAGE 1 OF 2

STANDARD REPORT DELIVERY ☒
DATE DUE ______

EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE ______

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 4

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

REQUIRED ANALYSIS (preservative):
1. 8260B VOC unpreserved App (None)
2. 7470A-7470Hg, 6020 metals App (HNO_3)
3. 9012A CN (NaOH)
4. 9034 Sulfide (Zinc acetate / NaOH)
5. 8151A HERB ([illegible])
6. 8270C SVOC ([illegible])
7. 8081-8082 PST-PCB ([illegible])
8. 8260 VOC unpreserved Trip Blank ([illegible])

NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	C/G	AQUEOUS	SOLID	AIR	NONAQ.	8260B	7470A/6020	9012A	9034	8151A	8270C	8081-8082	8260	REMARKS
7-27-11	0820	ASH-MW24-072711	G	X				3								
7-27-11	0855	ASH-MW22-072711	G	X				3								
7-27-11	0855	ASH-MW22-072711-MS	G	X				3								
7-27-11	0855	ASH-MW22-072711-MSD	G	X				3								
7-27-11	0923	ASH-MW18-072711	G	X				3								
7-27-11	1000	ASH-MW20-072711	G	X				3								
7-27-11	1014	ASH-MW12-072711	G	X				3	1	1	2	2	2	2		Full AP9
7-27-11	1210	ASH-MW02-072711	G	X				3	1	1	2	2	2	2		Full AP9
7-27-11	1255	ASH-MW04-072711	G	X				3	1	1	2	2	2	2		Full AP9
7-27-11	1455	ASH-MW11-072711	G	X				3								
7-27-11	1440	ASH-MW10-072711	G	X				3								
7-27-11	1340	ASH-MW03-072711	G	X				3								

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME
[signature]	7-27-11	1630						
RECEIVED BY (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	7/23/11	1409	YES ○ NO ○		[illegible] - 70819	1.5/1.4/0.4/

TAL8240-680 (1008)

[illegible]

Serial Number 040453

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: Hattiesburg Hercules AP96M	PROJECT NO: 11073	PROJECT LOCATION (STATE): MS
TAL (LAB) PROJECT MANAGER: Lidya Gulizia	P.O. NUMBER: —	CONTRACT NO.: —
CLIENT (SITE) PM: Tim Hassett	CLIENT PHONE: 302-995-3482	CLIENT FAX: 995-3485
CLIENT NAME: Ashland Chemical	CLIENT E-MAIL: tdhassett@ashland.com	
CLIENT ADDRESS: 500 Hercules Road Wilmington, DE. 19808-1599		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 2

STANDARD REPORT DELIVERY: X
DATE DUE ____
EXPEDITED REPORT DELIVERY (SURCHARGE): ○
DATE DUE ____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 4

REQUIRED ANALYSIS: 8260B VOC Unpreserved AP9 (Preservative: un); 8260 VOC unpreserved tripblank (Preservative: un)

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	8260B VOC Unpreserved AP9	8260 VOC unpreserved tripblank	REMARKS
7-27-11	NA	~~A~~ -DUP-072711	G	X				3		
7-27-11	—	Trip Blank 063011	G	Y					2	Trip Blank

CBS

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	7-27-11	1630						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	7/28/11	1409	YES ○ NO ○		680-70818	

TAL8210 (1008)

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Custody Seal # 993267

Fed Ex Acct # 1955 40463

Serial Number 041872

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

(X) Alternate Laboratory Name/Location
TestAmerica W. Sacramento
380 Riverside Pkwy W. Sacramento, CA 95605

Phone: 916-373-5600
Fax

PROJECT REFERENCE	Hercules Hattiesburg A916M
PROJECT NO.	11073
PROJECT LOCATION (STATE)	MS
TAL (LAB) PROJECT MANAGER	Lidya Gulizia
P.O. NUMBER	—
CONTRACT NO.	—
CLIENT (SITE) PM	Tim Hassett
CLIENT PHONE	302-995-3456
CLIENT FAX	995-3455
CLIENT NAME	Ashland Chemical
CLIENT E-MAIL	tdhassett@ashland.com
CLIENT ADDRESS	500 Hercules Road Wilmington DE 19808 1599
COMPANY CONTRACTING THIS WORK (if applicable)	

PAGE 1 OF 1

STANDARD REPORT DELIVERY: X — DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE): O — DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1

REQUIRED ANALYSIS: 8290 PCDD - PCDF APG (5x)

PRESERVATIVE: NA

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED: 8290 PCDD - PCDF APG (5x)	REMARKS
7-27-11	1014	ASH MW12-072711	G	X				2	
7-27-11	1210	ASH MW02-072711	G	X				2	
7-27-11	1255	ASH MW04-072711	G	X				2	

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME
[signature]	7-27-11	1630						
RECEIVED BY (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY (SIGNATURE)**	**DATE**	**TIME**
[signature]	7-28-11	0855						

LABORATORY USE ONLY

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

TAL8240-680 (1008)

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

LOT RECEIPT CHECKLIST
TestAmerica West Sacramento

CLIENT Ashland Chemical PM JK LOG # 7924

LOT# (QUANTIMS ID) ~~(1)(627~~(1) (11928046) QUOTE# 62742 LOCATION W2C

DATE RECEIVED 7-28-11 7/28/11 TIME RECEIVED 8:55 Checked (✓) ☑

DELIVERED BY ☑ FEDEX ☐ ON TRAC ☐ OTHER
☐ GOLDENSTATE ☐ UPS ☐ EZ PARCEL
☐ TAL COURIER ☐ TAL SF ☐ CLIENT ☑

SHIPPPING CONTAINER(S) ☑ TAL ☐ CLIENT ☐ N/A ☑

CUSTODY SEAL STATUS ☑ INTACT ☐ BROKEN ☐ N/A ☑

CUSTODY SEAL #(S) 993267

COC #(S) 641872 ☑

TEMPERATURE BLANK Observed: 2 Corrected: 3

SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)

Observed: 2 2 2 Average 2 Corrected Average 2

LABORATORY THERMOMETER ID:

IR UNIT #4 ☑ #5 ☐ ☐ OTHER ______ ☑

Initials B Date 7-28-11

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A ☐

LABELED BY .... ☑

LABELS CHECKED BY .... ☐

PEER REVIEW ______ ☑ N/A

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING
WETCHEM ☑ N/A ☐
VOA-ENCORES ☑ N/A ☑ ☐

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A ☑

☐ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☑ N/A ☑

☑ CLOUSEAU ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)** ☑ N/A

☐ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☑ PM NOTIFIED

Initials ______ Date ______

Notes Sample ID Ashland... 072711, 15 ... received ...

** Acceptable temperature range for State of Wisconsin samples is ≤4°C.

QA-185 10/09 RKE Page 1

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Bottle Lot Inventory

Lot ID: ~~G1G270436~~ G1G280407

QC 7/28/11

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2	1	2																	
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
___AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
___CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
___CT																				
Encore																				
Folderfilter																				
PUF																				
Petri Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

fedex.com
FedEx Retrieval Copy
8762 4557 8318
0200
SATURDAY DELIVERY
612

Login Sample Receipt Checklist

Client: Ashland Inc.

Job Number: 680-70818-1

Login Number: 70818
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah

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	3 coolers rec'd on ice
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5, 1.4, 0.4 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	MW02 (-6) received 1 liter amber broken
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	Insufficient volume received for MS/MSD.
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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	NELAC Secondary AB	3	460161
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
TestAmerica West Sacramento		USEPA UCMR		CA00044
TestAmerica West Sacramento	A2LA	DoD ELAP		2928-01
TestAmerica West Sacramento	Alaska	Alaska UST	10	UST-055

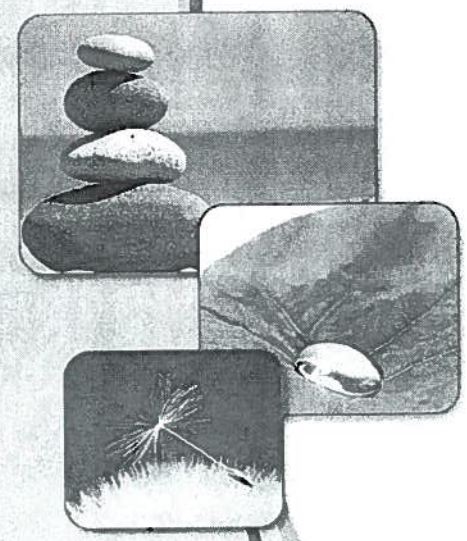
Certification Summary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica West Sacramento	Arizona	State Program	9	AZ0708
TestAmerica West Sacramento	Arkansas	State Program	6	88-0691
TestAmerica West Sacramento	California	NELAC	9	1119CA
TestAmerica West Sacramento	Colorado	State Program	8	N/A
TestAmerica West Sacramento	Connecticut	State Program	1	PH-0691
TestAmerica West Sacramento	Florida	NELAC	4	E87570
TestAmerica West Sacramento	Georgia	State Program	4	960
TestAmerica West Sacramento	Guam	State Program	9	N/A
TestAmerica West Sacramento	Hawaii	State Program	9	N/A
TestAmerica West Sacramento	Illinois	NELAC	5	200060
TestAmerica West Sacramento	Kansas	NELAC	7	E-10375
TestAmerica West Sacramento	Louisiana	NELAC	6	30612
TestAmerica West Sacramento	Michigan	State Program	5	9947
TestAmerica West Sacramento	Nevada	State Program	9	CA44
TestAmerica West Sacramento	New Jersey	NELAC	2	CA005
TestAmerica West Sacramento	New Mexico	State Program	6	N/A
TestAmerica West Sacramento	New York	NELAC	2	11666
TestAmerica West Sacramento	Oregon	NELAC	10	CA200005
TestAmerica West Sacramento	Pennsylvania	NELAC	3	68-01272
TestAmerica West Sacramento	South Carolina	State Program	4	87014
TestAmerica West Sacramento	Texas	NELAC	6	T104704399-08-TX
TestAmerica West Sacramento	US Fish & Wildlife	US Fish & Wildlife		LE148388-0
TestAmerica West Sacramento	USDA	USDA		P330-09-00055
TestAmerica West Sacramento	Utah	NELAC	8	QUAN1
TestAmerica West Sacramento	Virginia	State Program	3	178
TestAmerica West Sacramento	Washington	State Program	10	C581
TestAmerica West Sacramento	West Virginia	West Virginia DEP	3	334
TestAmerica West Sacramento	West Virginia	West Virginia DHHR (DW)	3	9930C
TestAmerica West Sacramento	Wisconsin	State Program	5	998204680
TestAmerica West Sacramento	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.



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

Lidya Gulizia

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

Lidya Gulizia
Project Manager II
lidya.gulizia@testamericainc.com

cc: Craig Derouen Chris Waters Charlie Jordan

Table of Contents

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

TestAmerica Job ID: 680-70860-1

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

Method Summary

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

TestAmerica Job ID: 680-70860-1

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

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)

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 ID: ASH-RS2-072811
Date Collected: 07/28/11 11:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-1
Matrix: Water

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

Client Sample ID: ASH-RS2-072811
Date Collected: 07/28/11 11:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-1
Matrix: Water

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*

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-DUP-072811
Date Collected: 07/28/11 00:00
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-2
Matrix: Water

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 ID: ASH-DUP-072811
Date Collected: 07/28/11 00:00
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-2
Matrix: Water

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*

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW14-072811
Date Collected: 07/28/11 10:45
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-3
Matrix: Water

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 ID: ASH-MW14-072811
Date Collected: 07/28/11 10:45
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-3
Matrix: Water

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW14-072811
Date Collected: 07/28/11 10:45
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-3
Matrix: Water

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW15-072811
Date Collected: 07/28/11 08:03
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-4
Matrix: Water

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW15-072811
Date Collected: 07/28/11 08:03
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-4
Matrix: Water

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*

Client Sample ID: ASH-MW05-072811
Date Collected: 07/28/11 09:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-5
Matrix: Water

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 ID: ASH-MW05-072811
Date Collected: 07/28/11 09:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-5
Matrix: Water

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 ID: ASH-MW05-072811
Date Collected: 07/28/11 09:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-5
Matrix: Water

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*

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW06-072811
Date Collected: 07/28/11 08:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-6
Matrix: Water

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 ID: ASH-MW06-072811
Date Collected: 07/28/11 08:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-6
Matrix: Water

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*

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW16-072811
Date Collected: 07/28/11 08:53
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-7
Matrix: Water

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 ID: ASH-MW16-072811
Date Collected: 07/28/11 08:53
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-7
Matrix: Water

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW16-072811
Date Collected: 07/28/11 08:53
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-7
Matrix: Water

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 ID: ASH-MW09-072811
Date Collected: 07/28/11 10:10
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-8
Matrix: Water

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: ASH-MW09-072811
Date Collected: 07/28/11 10:10
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-8
Matrix: Water

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*

Client Sample ID: ASH-MW07-072811
Date Collected: 07/28/11 10:54
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-9
Matrix: Water

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 ID: ASH-MW07-072811
Date Collected: 07/28/11 10:54
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-9
Matrix: Water

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*

Client Sample ID: Trip Blank 063011
Date Collected: 07/28/11 00:00
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-10
Matrix: Water

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

TestAmerica Job ID: 680-70860-1

Client Sample ID: Trip Blank 063011
Date Collected: 07/28/11 00:00
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-10
Matrix: Water

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*

Surrogate Summary

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

TestAmerica Job ID: 680-70860-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(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)

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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
Acetone	100	126		ug/L		126	26 - 180
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
1,1,2,2-Tetrachloroethane	50.0	51.0		ug/L		102	70 - 130

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 Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
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 % Recovery*	*LCS Qualifier*	*Limits*
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 Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	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

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. Limits	RPD	RPD Limit
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 % Recovery*	*LCSD Qualifier*	*Limits*
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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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
Acetone	100	88.5		ug/L		89	26 - 180
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

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 Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
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 % Recovery*	*LCS Qualifier*	*Limits*
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 Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
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

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 Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
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 % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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 Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
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
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	70 - 130

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 Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
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 % Recovery*	*LCS Qualifier*	*Limits*
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 Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	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

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 Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
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 % Recovery*	*LCSD Qualifier*	*Limits*
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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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
Acetone	100	105		ug/L		105	26 - 180
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

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 Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
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 % Recovery*	*LCS Qualifier*	*Limits*
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 Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
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

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 Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
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
1,1,2,2-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 % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

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 Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
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*

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 Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	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*

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
Date Collected: 07/28/11 11:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-1
Matrix: Water

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
Date Collected: 07/28/11 00:00
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-2
Matrix: Water

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
Date Collected: 07/28/11 10:45
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-3
Matrix: Water

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
Date Collected: 07/28/11 08:03
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-4
Matrix: Water

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
Date Collected: 07/28/11 09:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-5
Matrix: Water

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
Date Collected: 07/28/11 08:05
Date Received: 07/29/11 09:27

Lab Sample ID: 680-70860-6
Matrix: Water

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
Matrix: Water
Date Collected: 07/28/11 08:53
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
Matrix: Water
Date Collected: 07/28/11 10:10
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
Matrix: Water
Date Collected: 07/28/11 10:54
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
Matrix: Water
Date Collected: 07/28/11 00:00
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

Serial Number 043307

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: Hercules Hattiesburg APPGM	PROJECT NO: 11073	PROJECT LOCATION (STATE): MS	PAGE 1 of 1
TAL (LAB) PROJECT MANAGER: Lidya Gulizia	P.O. NUMBER: —	CONTRACT NO: —	STANDARD REPORT DELIVERY: X
CLIENT (SITE) PM: Tim Hassett	CLIENT PHONE: 302-995 3456	CLIENT FAX: 995-3485	DATE DUE:
CLIENT NAME: Ashland Chemical	CLIENT E MAIL: tdhassett@ashland.com		EXPEDITED REPORT DELIVERY (SURCHARGE): O
CLIENT ADDRESS: 500 Hercules Road Wilmington, DE 19808-1599			DATE DUE:
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1

REQUIRED ANALYSIS: 8260B APPG Unpreserved VOCs; 47

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
7-28-11	1105	ASH-RSZ-072811	G	X				3	Rinsate
7-28-11	NA	ASH-DUP-072811	G	X				3	Duplicate
7-28-11	1045	ASH-MW14-072811	G	X				3	
7-28-11	1045	ASH-MW14-072811-MS	G	X				3	MS
7-28-11	1045	ASH-MW14-072811-MSD	G	X				3	MSD
7-28-11	0803	ASH-MW15-072811	G	X				3	
7-28-11	0905	ASH-MW05-072811	G	X				3	
7-28-11	0805	ASH-MW06-072811	G	X				3	
7-28-11	0853	ASH MW16 072811	G	X				3	
7-28-11	1010	ASH-MW09-072811	G	X				3	
7-28-11	1054	ASH-MW07-072811	G	X				3	
7-28-11	NA	Trip Blank 063011	G	X				2	7-28-11 Trip Blank

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME
	7-28-11	1530						
RECEIVED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO	LABORATORY REMARKS
Eddie Barnett	07/29/11	0927	YES O NO O		680-70860	7.2 °C

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Login Sample Receipt Checklist

Client: Ashland Inc.

Job Number: 680-70860-1

Login Number: 70860
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah

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

TestAmerica Job ID: 680-70860-1

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.