TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-56861-1

Job Description: Hattiesburg Sludge Total APR 2010

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

Attention: Nancy Berrios

Approved for release.
Lidya Gulizia
Project Manager I
5/11/2010 4:12 PM

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05/11/2010

cc: Craig Derouen

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ACCREDITED IN ACCORDANCE WITH nelac

Receipt
Pre-preserved vials for volatiles analysis were not submitted for sample IBS-5-NS (680-56861-7). The volatiles analysis was perfomed on a subsample taken from the bulk sample container.

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 four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 166185 had one analyte outside control limits; therefore, re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The continuing calibration verification (CCV) for pentachloroethane recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: The trip blank associated with these samples contained a detection above the method detection limit (MDL) for the following analyte: acetone.

Method(s) 8260B: The field blank associated with these samples contained a detection above the reporting limit (RL) for toluene and a detection above the method detection limit (MDL) for 2-butanone, acetone, ethylbenzene, and xylenes. The field blank was re-analyzed with concurring results; the first set of data has been reported.

Method(s) 8260B: The rinse blank associated with these samples contained a detection above the reporting limit (RL) for toluene and a detection above the method detection limit (MDL) for 2-butanone and acetone. The rinse blank was re-analyzed with concurring results; the first set of data has been reported.

Method(s) 8260B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: IBS-1-LS (680-56861-1), IBS-3-NS (680-56861-2), IBS-3-US (680-56861-6), IBS-4-NS (680-56861-4), IBS-6-NS (680-56861-10), IBS-6-US (680-56861-13), IBS-7-LS (680-56861-15), IBS-7-US (680-56861-16), IBS-4-US (680-56861-9), IBS-1-US (680-56861-20), IBS-2-LS (680-56861-22), IBS-2-NS (680-56861-21), IBS-2-US (680-56861-23), IBS-5-LS (680-56861-8), IBS-5-US (680-56861-12), IBS-7-NS (680-56861-14), IBS-8-US (680-56861-19), IBS-3-LS (680-56861-3), IBS-4-LS (680-56861-5), IBS-6-LS (680-56861-11), IBS-8-LS (680-56861-18).

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: IBS-5-NS (680-56861-7). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 3546: Many of the project samples would not concentrate to the desired final volume of 1.0 ml. Samples were concentrated to various final volumes from 5.0 ml to 20 mls and 1.0 ml was delivered to the analysis group for analysis.

Method(s) 8270C: 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 166243 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The laboratory control sample (LCS) for batch 166243 exceeded control limits for the following analyte(s): 1,4-Napthoquinone, 1-Napthylamine, alpha,alpha-dimethylphenethylamine, famphur, methyl methansulfonate, o,o,-triethyphosphorothioate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: 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 associated with batch 166243 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The laboratory control sample (LCS) for batch 166243 exceeded control limits for the following analyte(s): 1-napthylamine, alpha,alpha, dimethylphenthylamine, methapyri;ene, methyl methansulfonate, o,o,o-triethylosphorothioate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix: IBS-1-LS (680-56861-1), IBS-3-LS (680-56861-3), IBS-3-NS (680-56861-2), IBS-3-US (680-56861-6), IBS-4-LS (680-56861-5), IBS-4-US (680-56861-9), IBS-5-NS

(680-56861-7), IBS-2-US (680-56861-23), IBS-1-US (680-56861-20), IBS-4-NS (680-56861-4), IBS-5-US (680-56861-12), IBS-6-LS (680-56861-11), IBS-6-NS (680-56861-10), IBS-6-US (680-56861-13), IBS-7-LS (680-56861-15), IBS-7-NS (680-56861-14), IBS-7-US (680-56861-16), IBS-8-LS (680-56861-18), IBS-8-NS (680-56861-17), IBS-8-US (680-56861-19), IBS-2-LS (680-56861-22, IBS-2-NS (680-56861-21) and the associated MS/MSD samples (680-56861-21 MS and 680-56861-21 MSD). As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8270C: Sample IBS-4-NS (680-56861-4) was diluted due to the abundance of target analytes. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8270C: The laboratory control sample (LCS) for batch 166147 exceeded control limits for the following analytes that have been identified as poor performer. The following analytes have been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: Famphur, 1,4-Napthaquinone, Methane sulfonate, Benzaldehyde, 1-naphthylamine, 2-naphthylamine, p-Dimethylamino azobenzene, p-phenylenediamine, a,a-dimethylphenethylamine, Methapyriline, 2-picoline (2-methylpyridine), 3,3'-dimethylbenzidine, 3,3'-dichlorobenzidine, Benzidine, Benzaldehyde, Benzoic acid, Dinoseb, Hexachlorophene, Hexachlorocyclopentadiene, o,o,o-triethylphosphoro-thioate.

Method(s) 8270C: Matrix spikes for batch 166138 could not be recovered due to sample matrix interferences which required sample dilution. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8270C: The laboratory control sample (LCS) for batch 166138 exceeded control limits for one or more of analytes identified as poor performers. The following analytes have been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: Famphur, 1,4-Napthaquinone, Methane sulfonate, Benzaldehyde, 1-naphthylamine, 2-naphthylamine, p-Dimethylamino azobenzene, p-phenylenediamine, a,a-dimethylphenethylamine, Methapyriline, 2-picoline (2-methylpyridine), 3,3'-dimethylbenzidine, 3,3'-dichlorobenzidine, Benzidine, Benzaldehyde, Benzoic acid, Dinoseb, Hexachlorophene, Hexachlorocyclopentadiene, o,o,o-triethylphosphoro-thioate. Re-extraction was not performed.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

VOA Prep
Method(s) 5035: The pre-preserved volatile sample vials submitted for the following sample(s) contained significantly less than 5 grams: IBS-1-LS (680-56861-1), IBS-4-LS (680-56861-5), IBS-8-US (680-56861-19). Reporting limits in these samples have been elevated based on the analysis weight.

No other analytical or quality issues were noted.

Comments
No additional comments.

METHOD SUMMARY

Client: Ashland Inc. Job Number: 680-56861-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030A
Closed System Purge and Trap	TAL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Microwave Extraction	TAL SAV		SW846 3546
Metals (ICP)	TAL SAV	SW846 6010B	
Preparation, Metals	TAL SAV		SW846 3050B
Mercury (CVAA)	TAL SAV	SW846 7471A	
Preparation, Mercury	TAL SAV		SW846 7471A
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL SAV		SW846 3520C
Metals (ICP)	TAL SAV	SW846 6010B	
Preparation, Total Metals	TAL SAV		SW846 3010A
Mercury (CVAA)	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Ashland Inc. Job Number: 680-56861-1

Method	Analyst	Analyst ID
SW846 8260B	Lanier, Carolyn	CL
SW846 8260B	Sokolin, Eleina	ES
SW846 8270C	Haynes, Carion	CRH
SW846 6010B	Bland, Brian	BCB
SW846 7470A	Eaton, Cliff	CE
SW846 7471A	Eaton, Cliff	CE

SAMPLE SUMMARY

Client: Ashland Inc. Job Number: 680-56861-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-56861-1	IBS-1-LS	Solid	04/14/2010 0950	04/17/2010 1045
680-56861-2	IBS-3-NS	Solid	04/14/2010 1245	04/17/2010 1045
680-56861-3	IBS-3-LS	Solid	04/14/2010 1255	04/17/2010 1045
680-56861-4	IBS-4-NS	Solid	04/14/2010 1715	04/17/2010 1045
680-56861-5	IBS-4-LS	Solid	04/14/2010 1735	04/17/2010 1045
680-56861-6	IBS-3-US	Solid	04/15/2010 0845	04/17/2010 1045
680-56861-7	IBS-5-NS	Solid	04/15/2010 0950	04/17/2010 1045
680-56861-8	IBS-5-LS	Solid	04/15/2010 1005	04/17/2010 1045
680-56861-9	IBS-4-US	Solid	04/15/2010 1100	04/17/2010 1045
680-56861-10	IBS-6-NS	Solid	04/15/2010 1105	04/17/2010 1045
680-56861-11	IBS-6-LS	Solid	04/15/2010 1110	04/17/2010 1045
680-56861-12	IBS-5-US	Solid	04/15/2010 1145	04/17/2010 1045
680-56861-13	IBS-6-US	Solid	04/15/2010 1415	04/17/2010 1045
680-56861-14	IBS-7-NS	Solid	04/15/2010 1505	04/17/2010 1045
680-56861-15	IBS-7-LS	Solid	04/15/2010 1520	04/17/2010 1045
680-56861-16	IBS-7-US	Solid	04/15/2010 1525	04/17/2010 1045
680-56861-17	IBS-8-NS	Solid	04/15/2010 1600	04/17/2010 1045
680-56861-18	IBS-8-LS	Solid	04/15/2010 1615	04/17/2010 1045
680-56861-19	IBS-8-US	Solid	04/15/2010 1620	04/17/2010 1045
680-56861-20	IBS-1-US	Solid	04/15/2010 1700	04/17/2010 1045
680-56861-21	IBS-2-NS	Solid	04/16/2010 0840	04/17/2010 1045
680-56861-22	IBS-2-LS	Solid	04/16/2010 0850	04/17/2010 1045
680-56861-23	IBS-2-US	Solid	04/16/2010 0930	04/17/2010 1045
680-56861-24FB	FB-1	Water	04/15/2010 1735	04/17/2010 1045
680-56861-25FB	FB-2	Water	04/16/2010 0945	04/17/2010 1045
680-56861-26TB	TB-1	Water	04/14/2010 0000	04/17/2010 1045
680-56861-27TB	TB-2	Water	04/15/2010 0000	04/17/2010 1045
680-56861-28RB	RB-1	Water	04/16/2010 1000	04/17/2010 1045

SAMPLE RESULTS

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-LS**

Lab Sample ID: 680-56861-1 Date Sampled: 04/14/2010 0950
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0466.d
Dilution:	1000000			Initial Weight/Volume:	2.8 g
Date Analyzed:	04/25/2010 1854			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		190000000	U	42000000	190000000
Acetonitrile		770000000	U	160000000	770000000
Acrolein		380000000	U	92000000	380000000
Acrylonitrile		380000000	U	130000000	380000000
Benzene		19000000	U	2800000	19000000
Bromoform		19000000	U	5700000	19000000
Bromomethane		19000000	U	5700000	19000000
2-Butanone (MEK)		96000000	U	9200000	96000000
Carbon disulfide		19000000	U	4200000	19000000
Carbon tetrachloride		19000000	U	3200000	19000000
Chlorobenzene		19000000	U	3700000	19000000
2-Chloro-1,3-butadiene		19000000	U	8000000	19000000
Chlorodibromomethane		19000000	U	6500000	19000000
Chloroethane		19000000	U	10000000	19000000
Chloroform		19000000	U	4200000	19000000
Chloromethane		19000000	U	3800000	19000000
3-Chloro-1-propene		19000000	U	8400000	19000000
cis-1,3-Dichloropropene		19000000	U	3200000	19000000
1,2-Dibromo-3-Chloropropane		38000000	U	17000000	38000000
Dibromomethane		19000000	U	6500000	19000000
Dichlorobromomethane		19000000	U	3700000	19000000
Dichlorodifluoromethane		19000000	U	3600000	19000000
1,1-Dichloroethane		19000000	U	4200000	19000000
1,2-Dichloroethane		19000000	U	4200000	19000000
1,1-Dichloroethene		19000000	U	5700000	19000000
1,2-Dichloropropane		19000000	U	3300000	19000000
Ethylbenzene		19000000	U	5000000	19000000
Ethylene Dibromide		19000000	U	5700000	19000000
Ethyl methacrylate		19000000	U	13000000	19000000
2-Hexanone		96000000	U	13000000	96000000
Iodomethane		19000000	U	6900000	19000000
Isobutyl alcohol		770000000	U	200000000	770000000
Methacrylonitrile		380000000	U	88000000	380000000
Methylene Chloride		19000000	U	3800000	19000000
Methyl methacrylate		38000000	U	17000000	38000000
4-Methyl-2-pentanone (MIBK)		96000000	U	16000000	96000000
Pentachloroethane		96000000	U	24000000	96000000
Propionitrile		380000000	U	100000000	380000000
Styrene		19000000	U	3600000	19000000
1,1,1,2-Tetrachloroethane		19000000	U	9200000	19000000
1,1,2,2-Tetrachloroethane		19000000	U	6100000	19000000
Tetrachloroethene		19000000	U	7300000	19000000
Toluene		160000000		3200000	19000000
trans-1,4-Dichloro-2-butene		38000000	U	11000000	38000000
trans-1,2-Dichloroethene		19000000	U	2400000	19000000
trans-1,3-Dichloropropene		19000000	U	3300000	19000000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-LS**

Lab Sample ID: 680-56861-1 Date Sampled: 04/14/2010 0950
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0466.d
Dilution:	1000000			Initial Weight/Volume:	2.8 g
Date Analyzed:	04/25/2010 1854			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		19000000	U	2300000	19000000
1,1,2-Trichloroethane		19000000	U	5000000	19000000
Trichloroethene		19000000	U	5000000	19000000
Trichlorofluoromethane		19000000	U	4600000	19000000
1,2,3-Trichloropropane		19000000	U	9200000	19000000
Vinyl acetate		38000000	U	9600000	38000000
Vinyl chloride		19000000	U	5700000	19000000
Xylenes, Total		38000000	U	4200000	38000000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-NS**

Lab Sample ID: 680-56861-2 Date Sampled: 04/14/2010 1245
Client Matrix: Solid % Moisture: 21.3 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0467.d
Dilution:	1000			Initial Weight/Volume:	5.7 g
Date Analyzed:	04/25/2010 1917			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		56000	U	12000	56000
Acetonitrile		220000	U	46000	220000
Acrolein		110000	U	27000	110000
Acrylonitrile		110000	U	38000	110000
Benzene		2500	J	810	5600
Bromoform		5600	U	1700	5600
Bromomethane		5600	U	1700	5600
2-Butanone (MEK)		28000	U	2700	28000
Carbon disulfide		5600	U	1200	5600
Carbon tetrachloride		5600	U	930	5600
Chlorobenzene		5600	U	1100	5600
2-Chloro-1,3-butadiene		5600	U	2300	5600
Chlorodibromomethane		5600	U	1900	5600
Chloroethane		5600	U	3000	5600
Chloroform		5600	U	1200	5600
Chloromethane		5600	U	1100	5600
3-Chloro-1-propene		5600	U	2500	5600
cis-1,3-Dichloropropene		5600	U	930	5600
1,2-Dibromo-3-Chloropropane		11000	U	4900	11000
Dibromomethane		5600	U	1900	5600
Dichlorobromomethane		5600	U	1100	5600
Dichlorodifluoromethane		5600	U	1000	5600
1,1-Dichloroethane		5600	U	1200	5600
1,2-Dichloroethane		5600	U	1200	5600
1,1-Dichloroethene		5600	U	1700	5600
1,2-Dichloropropane		5600	U	960	5600
Ethylbenzene		5600	U	1400	5600
Ethylene Dibromide		5600	U	1700	5600
Ethyl methacrylate		5600	U	3800	5600
2-Hexanone		28000	U	3700	28000
Iodomethane		5600	U	2000	5600
Isobutyl alcohol		220000	U	58000	220000
Methacrylonitrile		110000	U	26000	110000
Methylene Chloride		5600	U	1100	5600
Methyl methacrylate		11000	U	5000	11000
4-Methyl-2-pentanone (MIBK)		28000	U	4700	28000
Pentachloroethane		28000	U	7000	28000
Propionitrile		110000	U	29000	110000
Styrene		5600	U	1000	5600
1,1,1,2-Tetrachloroethane		5600	U	2700	5600
1,1,2,2-Tetrachloroethane		5600	U	1800	5600
Tetrachloroethene		5600	U	2100	5600
Toluene		190000		940	5600
trans-1,4-Dichloro-2-butene		11000	U	3200	11000
trans-1,2-Dichloroethene		5600	U	700	5600
trans-1,3-Dichloropropene		5600	U	970	5600

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-NS**

Lab Sample ID: 680-56861-2 Date Sampled: 04/14/2010 1245
Client Matrix: Solid % Moisture: 21.3 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0467.d
Dilution:	1000			Initial Weight/Volume:	5.7 g
Date Analyzed:	04/25/2010 1917			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5600	U	660	5600
1,1,2-Trichloroethane		5600	U	1400	5600
Trichloroethene		5600	U	1400	5600
Trichlorofluoromethane		5600	U	1300	5600
1,2,3-Trichloropropane		5600	U	2700	5600
Vinyl acetate		11000	U	2800	11000
Vinyl chloride		5600	U	1700	5600
Xylenes, Total		11000	U	1200	11000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-LS**

Lab Sample ID: 680-56861-3 Date Sampled: 04/14/2010 1255
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0508.d
Dilution:	20000			Initial Weight/Volume:	3.5 g
Date Analyzed:	04/27/2010 0930			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		3100000	U	670000	3100000
Acetonitrile		12000000	U	2500000	12000000
Acrolein		6100000	U	1500000	6100000
Acrylonitrile		6100000	U	2100000	6100000
Benzene		55000	J	45000	310000
Bromoform		310000	U	92000	310000
Bromomethane		310000	U	92000	310000
2-Butanone (MEK)		180000	J	150000	1500000
Carbon disulfide		310000	U	67000	310000
Carbon tetrachloride		310000	U	51000	310000
Chlorobenzene		310000	U	59000	310000
2-Chloro-1,3-butadiene		310000	U	130000	310000
Chlorodibromomethane		310000	U	100000	310000
Chloroethane		310000	U	170000	310000
Chloroform		310000	U	67000	310000
Chloromethane		310000	U	61000	310000
3-Chloro-1-propene		310000	U	130000	310000
cis-1,3-Dichloropropene		310000	U	51000	310000
1,2-Dibromo-3-Chloropropane		610000	U	270000	610000
Dibromomethane		310000	U	100000	310000
Dichlorobromomethane		310000	U	59000	310000
Dichlorodifluoromethane		310000	U	58000	310000
1,1-Dichloroethane		310000	U	67000	310000
1,2-Dichloroethane		310000	U	67000	310000
1,1-Dichloroethene		310000	U	92000	310000
1,2-Dichloropropane		310000	U	53000	310000
Ethylbenzene		310000	U	80000	310000
Ethylene Dibromide		310000	U	92000	310000
Ethyl methacrylate		310000	U	210000	310000
2-Hexanone		1500000	U	200000	1500000
Iodomethane		310000	U	110000	310000
Isobutyl alcohol		12000000	U	3200000	12000000
Methacrylonitrile		6100000	U	1400000	6100000
Methylene Chloride		530000		60000	310000
Methyl methacrylate		610000	U	280000	610000
4-Methyl-2-pentanone (MIBK)		1500000	U	260000	1500000
Pentachloroethane		1500000	U	390000	1500000
Propionitrile		6100000	U	1600000	6100000
Styrene		310000	U	57000	310000
1,1,1,2-Tetrachloroethane		310000	U	150000	310000
1,1,2,2-Tetrachloroethane		310000	U	98000	310000
Tetrachloroethene		310000	U	120000	310000
Toluene		6800000		51000	310000
trans-1,4-Dichloro-2-butene		610000	U	180000	610000
trans-1,2-Dichloroethene		310000	U	39000	310000
trans-1,3-Dichloropropene		310000	U	53000	310000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-LS**

Lab Sample ID: 680-56861-3 Date Sampled: 04/14/2010 1255
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0508.d
Dilution:	20000			Initial Weight/Volume:	3.5 g
Date Analyzed:	04/27/2010 0930			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		310000	U	36000	310000
1,1,2-Trichloroethane		310000	U	80000	310000
Trichloroethene		310000	U	80000	310000
Trichlorofluoromethane		310000	U	74000	310000
1,2,3-Trichloropropane		310000	U	150000	310000
Vinyl acetate		610000	U	150000	610000
Vinyl chloride		310000	U	92000	310000
Xylenes, Total		610000	U	67000	610000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-NS**

Lab Sample ID: 680-56861-4 Date Sampled: 04/14/2010 1715
Client Matrix: Solid % Moisture: 12.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0469.d
Dilution:	1000			Initial Weight/Volume:	5.2 g
Date Analyzed:	04/25/2010 2004			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		55000	U	12000	55000
Acetonitrile		220000	U	45000	220000
Acrolein		110000	U	26000	110000
Acrylonitrile		110000	U	37000	110000
Benzene		37000		800	5500
Bromoform		5500	U	1600	5500
Bromomethane		5500	U	1600	5500
2-Butanone (MEK)		27000	U	2600	27000
Carbon disulfide		5500	U	1200	5500
Carbon tetrachloride		5500	U	910	5500
Chlorobenzene		5500	U	1100	5500
2-Chloro-1,3-butadiene		5500	U	2300	5500
Chlorodibromomethane		5500	U	1900	5500
Chloroethane		5500	U	3000	5500
Chloroform		5500	U	1200	5500
Chloromethane		5500	U	1100	5500
3-Chloro-1-propene		5500	U	2400	5500
cis-1,3-Dichloropropene		5500	U	910	5500
1,2-Dibromo-3-Chloropropane		11000	U	4800	11000
Dibromomethane		5500	U	1900	5500
Dichlorobromomethane		5500	U	1100	5500
Dichlorodifluoromethane		5500	U	1000	5500
1,1-Dichloroethane		5500	U	1200	5500
1,2-Dichloroethane		5500	U	1200	5500
1,1-Dichloroethene		5500	U	1600	5500
1,2-Dichloropropane		5500	U	940	5500
Ethylbenzene		5500	U	1400	5500
Ethylene Dibromide		5500	U	1600	5500
Ethyl methacrylate		5500	U	3700	5500
2-Hexanone		27000	U	3600	27000
Iodomethane		5500	U	2000	5500
Isobutyl alcohol		220000	U	57000	220000
Methacrylonitrile		110000	U	25000	110000
Methylene Chloride		5500	U	1100	5500
Methyl methacrylate		11000	U	4900	11000
4-Methyl-2-pentanone (MIBK)		27000	U	4600	27000
Pentachloroethane		27000	U	6900	27000
Propionitrile		110000	U	29000	110000
Styrene		5500	U	1000	5500
1,1,1,2-Tetrachloroethane		5500	U	2600	5500
1,1,2,2-Tetrachloroethane		5500	U	1800	5500
Tetrachloroethene		5500	U	2100	5500
Toluene		150000		920	5500
trans-1,4-Dichloro-2-butene		11000	U	3200	11000
trans-1,2-Dichloroethene		5500	U	690	5500
trans-1,3-Dichloropropene		5500	U	960	5500

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-NS**

Lab Sample ID: 680-56861-4 Date Sampled: 04/14/2010 1715
Client Matrix: Solid % Moisture: 12.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0469.d
Dilution:	1000			Initial Weight/Volume:	5.2 g
Date Analyzed:	04/25/2010 2004			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5500	U	650	5500
1,1,2-Trichloroethane		5500	U	1400	5500
Trichloroethene		5500	U	1400	5500
Trichlorofluoromethane		5500	U	1300	5500
1,2,3-Trichloropropane		5500	U	2600	5500
Vinyl acetate		11000	U	2700	11000
Vinyl chloride		5500	U	1600	5500
Xylenes, Total		11000	U	1200	11000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-LS**

Lab Sample ID: 680-56861-5 Date Sampled: 04/14/2010 1735
Client Matrix: Solid % Moisture: 60.5 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0509.d
Dilution:	50000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/27/2010 0953			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		9900000	U	2200000	9900000
Acetonitrile		40000000	U	8100000	40000000
Acrolein		20000000	U	4700000	20000000
Acrylonitrile		20000000	U	6700000	20000000
Benzene		990000	U	140000	990000
Bromoform		990000	U	300000	990000
Bromomethane		990000	U	300000	990000
2-Butanone (MEK)		480000	J	470000	4900000
Carbon disulfide		990000	U	220000	990000
Carbon tetrachloride		990000	U	160000	990000
Chlorobenzene		990000	U	190000	990000
2-Chloro-1,3-butadiene		990000	U	420000	990000
Chlorodibromomethane		990000	U	340000	990000
Chloroethane		990000	U	530000	990000
Chloroform		990000	U	220000	990000
Chloromethane		990000	U	200000	990000
3-Chloro-1-propene		990000	U	430000	990000
cis-1,3-Dichloropropene		990000	U	160000	990000
1,2-Dibromo-3-Chloropropane		2000000	U	870000	2000000
Dibromomethane		990000	U	340000	990000
Dichlorobromomethane		990000	U	190000	990000
Dichlorodifluoromethane		990000	U	190000	990000
1,1-Dichloroethane		990000	U	220000	990000
1,2-Dichloroethane		990000	U	220000	990000
1,1-Dichloroethene		990000	U	300000	990000
1,2-Dichloropropane		990000	U	170000	990000
Ethylbenzene		990000	U	260000	990000
Ethylene Dibromide		990000	U	300000	990000
Ethyl methacrylate		990000	U	670000	990000
2-Hexanone		4900000	U	650000	4900000
Iodomethane		990000	U	360000	990000
Isobutyl alcohol		40000000	U	10000000	40000000
Methacrylonitrile		20000000	U	4500000	20000000
Methylene Chloride		740000	J	190000	990000
Methyl methacrylate		2000000	U	890000	2000000
4-Methyl-2-pentanone (MIBK)		4900000	U	830000	4900000
Pentachloroethane		4900000	U	1200000	4900000
Propionitrile		20000000	U	5100000	20000000
Styrene		990000	U	180000	990000
1,1,1,2-Tetrachloroethane		990000	U	470000	990000
1,1,2,2-Tetrachloroethane		990000	U	320000	990000
Tetrachloroethene		990000	U	380000	990000
Toluene		13000000		170000	990000
trans-1,4-Dichloro-2-butene		2000000	U	570000	2000000
trans-1,2-Dichloroethene		990000	U	120000	990000
trans-1,3-Dichloropropene		990000	U	170000	990000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-LS**

Lab Sample ID: 680-56861-5 Date Sampled: 04/14/2010 1735
Client Matrix: Solid % Moisture: 60.5 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0509.d
Dilution:	50000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/27/2010 0953			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		990000	U	120000	990000
1,1,2-Trichloroethane		990000	U	260000	990000
Trichloroethene		990000	U	260000	990000
Trichlorofluoromethane		990000	U	240000	990000
1,2,3-Trichloropropane		990000	U	470000	990000
Vinyl acetate		2000000	U	490000	2000000
Vinyl chloride		990000	U	300000	990000
Xylenes, Total		2000000	U	220000	2000000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-US**

Lab Sample ID: 680-56861-6 Date Sampled: 04/15/2010 0845
Client Matrix: Solid % Moisture: 75.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0471.d
Dilution:	5000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/25/2010 2052			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		1600000	U	350000	1600000
Acetonitrile		6400000	U	1300000	6400000
Acrolein		3200000	U	770000	3200000
Acrylonitrile		3200000	U	1100000	3200000
Benzene		160000	U	23000	160000
Bromoform		160000	U	48000	160000
Bromomethane		160000	U	48000	160000
2-Butanone (MEK)		800000	U	77000	800000
Carbon disulfide		160000	U	35000	160000
Carbon tetrachloride		160000	U	27000	160000
Chlorobenzene		160000	U	31000	160000
2-Chloro-1,3-butadiene		160000	U	67000	160000
Chlorodibromomethane		160000	U	55000	160000
Chloroethane		160000	U	87000	160000
Chloroform		160000	U	35000	160000
Chloromethane		160000	U	32000	160000
3-Chloro-1-propene		160000	U	71000	160000
cis-1,3-Dichloropropene		160000	U	27000	160000
1,2-Dibromo-3-Chloropropane		320000	U	140000	320000
Dibromomethane		160000	U	55000	160000
Dichlorobromomethane		160000	U	31000	160000
Dichlorodifluoromethane		160000	U	30000	160000
1,1-Dichloroethane		160000	U	35000	160000
1,2-Dichloroethane		160000	U	35000	160000
1,1-Dichloroethene		160000	U	48000	160000
1,2-Dichloropropane		160000	U	28000	160000
Ethylbenzene		160000	U	42000	160000
Ethylene Dibromide		160000	U	48000	160000
Ethyl methacrylate		160000	U	110000	160000
2-Hexanone		800000	U	110000	800000
Iodomethane		160000	U	58000	160000
Isobutyl alcohol		6400000	U	1700000	6400000
Methacrylonitrile		3200000	U	740000	3200000
Methylene Chloride		160000	U	31000	160000
Methyl methacrylate		320000	U	140000	320000
4-Methyl-2-pentanone (MIBK)		800000	U	130000	800000
Pentachloroethane		800000	U	200000	800000
Propionitrile		3200000	U	840000	3200000
Styrene		160000	U	30000	160000
1,1,1,2-Tetrachloroethane		160000	U	77000	160000
1,1,2,2-Tetrachloroethane		160000	U	51000	160000
Tetrachloroethene		160000	U	61000	160000
Toluene		2000000		27000	160000
trans-1,4-Dichloro-2-butene		320000	U	93000	320000
trans-1,2-Dichloroethene		160000	U	20000	160000
trans-1,3-Dichloropropene		160000	U	28000	160000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-US**

Lab Sample ID: 680-56861-6 Date Sampled: 04/15/2010 0845
Client Matrix: Solid % Moisture: 75.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0471.d
Dilution:	5000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/25/2010 2052			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		160000	U	19000	160000
1,1,2-Trichloroethane		160000	U	42000	160000
Trichloroethene		160000	U	42000	160000
Trichlorofluoromethane		160000	U	39000	160000
1,2,3-Trichloropropane		160000	U	77000	160000
Vinyl acetate		320000	U	80000	320000
Vinyl chloride		160000	U	48000	160000
Xylenes, Total		320000	U	35000	320000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-NS**

Lab Sample ID: 680-56861-7 Date Sampled: 04/15/2010 0950
Client Matrix: Solid % Moisture: 23.8 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5030A			Lab File ID:	m0472.d
Dilution:	40			Initial Weight/Volume:	5.1 g
Date Analyzed:	04/25/2010 2115			Final Weight/Volume:	5 mL
Date Prepared:	04/25/2010 2115				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2100	J	570	2600
Acetonitrile		10000	U	2100	10000
Acrolein		5100	U	1200	5100
Acrylonitrile		5100	U	1800	5100
Benzene		260	U	38	260
Bromoform		260	U	77	260
Bromomethane		260	U	77	260
2-Butanone (MEK)		1300	U	120	1300
Carbon disulfide		260	U	57	260
Carbon tetrachloride		260	U	43	260
Chlorobenzene		260	U	49	260
2-Chloro-1,3-butadiene		260	U	110	260
Chlorodibromomethane		260	U	88	260
Chloroethane		260	U	140	260
Chloroform		260	U	57	260
Chloromethane		260	U	51	260
3-Chloro-1-propene		260	U	110	260
cis-1,3-Dichloropropene		260	U	43	260
1,2-Dibromo-3-Chloropropane		510	U	230	510
Dibromomethane		260	U	88	260
Dichlorobromomethane		260	U	50	260
Dichlorodifluoromethane		260	U	48	260
1,1-Dichloroethane		260	U	57	260
1,2-Dichloroethane		260	U	57	260
1,1-Dichloroethene		260	U	77	260
1,2-Dichloropropane		260	U	44	260
Ethylbenzene		260	U	67	260
Ethylene Dibromide		260	U	77	260
Ethyl methacrylate		260	U	180	260
2-Hexanone		1300	U	170	1300
Iodomethane		260	U	93	260
Isobutyl alcohol		10000	U	2700	10000
Methacrylonitrile		5100	U	1200	5100
Methylene Chloride		260	U	50	260
Methyl methacrylate		510	U	230	510
4-Methyl-2-pentanone (MIBK)		1300	U	220	1300
Pentachloroethane		1300	U	320	1300
Propionitrile		5100	U	1300	5100
Styrene		260	U	48	260
1,1,1,2-Tetrachloroethane		260	U	120	260
1,1,2,2-Tetrachloroethane		260	U	82	260
Tetrachloroethene		260	U	98	260
Toluene		1100		43	260
trans-1,4-Dichloro-2-butene		510	U	150	510
trans-1,2-Dichloroethene		260	U	32	260
trans-1,3-Dichloropropene		260	U	45	260

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-NS**

Lab Sample ID: 680-56861-7 Date Sampled: 04/15/2010 0950
Client Matrix: Solid % Moisture: 23.8 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686	Instrument ID: MSM
Preparation:	5030A		Lab File ID: m0472.d
Dilution:	40		Initial Weight/Volume: 5.1 g
Date Analyzed:	04/25/2010 2115		Final Weight/Volume: 5 mL
Date Prepared:	04/25/2010 2115		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		260	U	30	260
1,1,2-Trichloroethane		260	U	67	260
Trichloroethene		260	U	67	260
Trichlorofluoromethane		260	U	62	260
1,2,3-Trichloropropane		260	U	120	260
Vinyl acetate		510	U	130	510
Vinyl chloride		260	U	77	260
Xylenes, Total		510	U	57	510

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	75		65 - 124
Dibromofluoromethane	56	X	65 - 124
Toluene-d8 (Surr)	66		65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-LS**

Lab Sample ID: 680-56861-8 Date Sampled: 04/15/2010 1005
Client Matrix: Solid % Moisture: 68.0 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0507.d
Dilution:	20000			Initial Weight/Volume:	3.0 g
Date Analyzed:	04/26/2010 1754			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5200000	U	1100000	5200000
Acetonitrile		21000000	U	4300000	21000000
Acrolein		10000000	U	2500000	10000000
Acrylonitrile		10000000	U	3500000	10000000
Benzene		520000	U	76000	520000
Bromoform		520000	U	160000	520000
Bromomethane		520000	U	160000	520000
2-Butanone (MEK)		2600000	U	250000	2600000
Carbon disulfide		520000	U	110000	520000
Carbon tetrachloride		520000	U	86000	520000
Chlorobenzene		520000	U	100000	520000
2-Chloro-1,3-butadiene		520000	U	220000	520000
Chlorodibromomethane		520000	U	180000	520000
Chloroethane		520000	U	280000	520000
Chloroform		520000	U	110000	520000
Chloromethane		520000	U	100000	520000
3-Chloro-1-propene		520000	U	230000	520000
cis-1,3-Dichloropropene		520000	U	86000	520000
1,2-Dibromo-3-Chloropropane		1000000	U	460000	1000000
Dibromomethane		520000	U	180000	520000
Dichlorobromomethane		520000	U	100000	520000
Dichlorodifluoromethane		520000	U	98000	520000
1,1-Dichloroethane		520000	U	110000	520000
1,2-Dichloroethane		520000	U	110000	520000
1,1-Dichloroethene		520000	U	160000	520000
1,2-Dichloropropane		520000	U	89000	520000
Ethylbenzene		520000	U	140000	520000
Ethylene Dibromide		520000	U	160000	520000
Ethyl methacrylate		520000	U	350000	520000
2-Hexanone		2600000	U	340000	2600000
Iodomethane		520000	U	190000	520000
Isobutyl alcohol		21000000	U	5400000	21000000
Methacrylonitrile		10000000	U	2400000	10000000
Methylene Chloride		520000	U	100000	520000
Methyl methacrylate		1000000	U	470000	1000000
4-Methyl-2-pentanone (MIBK)		2600000	U	440000	2600000
Pentachloroethane		2600000	U	660000	2600000
Propionitrile		10000000	U	2700000	10000000
Styrene		520000	U	97000	520000
1,1,1,2-Tetrachloroethane		520000	U	250000	520000
1,1,2,2-Tetrachloroethane		520000	U	170000	520000
Tetrachloroethene		520000	U	200000	520000
Toluene		9800000		87000	520000
trans-1,4-Dichloro-2-butene		1000000	U	300000	1000000
trans-1,2-Dichloroethene		520000	U	66000	520000
trans-1,3-Dichloropropene		520000	U	90000	520000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-LS**

Lab Sample ID: 680-56861-8 Date Sampled: 04/15/2010 1005
Client Matrix: Solid % Moisture: 68.0 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0507.d
Dilution:	20000			Initial Weight/Volume:	3.0 g
Date Analyzed:	04/26/2010 1754			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		520000	U	61000	520000
1,1,2-Trichloroethane		520000	U	140000	520000
Trichloroethene		520000	U	140000	520000
Trichlorofluoromethane		520000	U	120000	520000
1,2,3-Trichloropropane		520000	U	250000	520000
Vinyl acetate		1000000	U	260000	1000000
Vinyl chloride		520000	U	160000	520000
Xylenes, Total		1000000	U	110000	1000000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-US**

Lab Sample ID: 680-56861-9 Date Sampled: 04/15/2010 1100
Client Matrix: Solid % Moisture: 77.8 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166615		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0396.d
Dilution:	1000			Initial Weight/Volume:	3.6 g
Date Analyzed:	04/23/2010 1641			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		310000	U	69000	310000
Acetonitrile		1200000	U	260000	1200000
Acrolein		620000	U	150000	620000
Acrylonitrile		620000	U	210000	620000
Benzene		31000	U	4600	31000
Bromoform		31000	U	9400	31000
Bromomethane		31000	U	9400	31000
2-Butanone (MEK)		160000	U	15000	160000
Carbon disulfide		31000	U	6900	31000
Carbon tetrachloride		31000	U	5200	31000
Chlorobenzene		31000	U	6000	31000
2-Chloro-1,3-butadiene		31000	U	13000	31000
Chlorodibromomethane		31000	U	11000	31000
Chloroethane		31000	U	17000	31000
Chloroform		31000	U	6900	31000
Chloromethane		31000	U	6200	31000
3-Chloro-1-propene		31000	U	14000	31000
cis-1,3-Dichloropropene		31000	U	5200	31000
1,2-Dibromo-3-Chloropropane		62000	U	27000	62000
Dibromomethane		31000	U	11000	31000
Dichlorobromomethane		31000	U	6100	31000
Dichlorodifluoromethane		31000	U	5900	31000
1,1-Dichloroethane		31000	U	6900	31000
1,2-Dichloroethane		31000	U	6900	31000
1,1-Dichloroethene		31000	U	9400	31000
1,2-Dichloropropane		31000	U	5400	31000
Ethylbenzene		31000	U	8100	31000
Ethylene Dibromide		31000	U	9400	31000
Ethyl methacrylate		31000	U	21000	31000
2-Hexanone		160000	U	21000	160000
Iodomethane		31000	U	11000	31000
Isobutyl alcohol		1200000	U	320000	1200000
Methacrylonitrile		620000	U	140000	620000
Methylene Chloride		31000	U	6100	31000
Methyl methacrylate		62000	U	28000	62000
4-Methyl-2-pentanone (MIBK)		160000	U	26000	160000
Pentachloroethane		160000	U	39000	160000
Propionitrile		620000	U	160000	620000
Styrene		31000	U	5800	31000
1,1,1,2-Tetrachloroethane		31000	U	15000	31000
1,1,2,2-Tetrachloroethane		31000	U	10000	31000
Tetrachloroethene		31000	U	12000	31000
Toluene		1100000		5200	31000
trans-1,4-Dichloro-2-butene		62000	U	18000	62000
trans-1,2-Dichloroethene		31000	U	3900	31000
trans-1,3-Dichloropropene		31000	U	5400	31000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-US**

Lab Sample ID: 680-56861-9 Date Sampled: 04/15/2010 1100
Client Matrix: Solid % Moisture: 77.8 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166615		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0396.d
Dilution:	1000			Initial Weight/Volume:	3.6 g
Date Analyzed:	04/23/2010 1641			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		31000	U	3700	31000
1,1,2-Trichloroethane		31000	U	8100	31000
Trichloroethene		31000	U	8100	31000
Trichlorofluoromethane		31000	U	7500	31000
1,2,3-Trichloropropane		31000	U	15000	31000
Vinyl acetate		62000	U	16000	62000
Vinyl chloride		31000	U	9400	31000
Xylenes, Total		62000	U	6900	62000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-NS**

Lab Sample ID: 680-56861-10 Date Sampled: 04/15/2010 1105
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0474.d
Dilution:	400			Initial Weight/Volume:	5.2 g
Date Analyzed:	04/25/2010 2202			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		24000	U	5300	24000
Acetonitrile		97000	U	20000	97000
Acrolein		48000	U	12000	48000
Acrylonitrile		48000	U	16000	48000
Benzene		2400	U	350	2400
Bromoform		2400	U	720	2400
Bromomethane		2400	U	720	2400
2-Butanone (MEK)		12000	U	1200	12000
Carbon disulfide		2400	U	530	2400
Carbon tetrachloride		2400	U	400	2400
Chlorobenzene		2400	U	460	2400
2-Chloro-1,3-butadiene		2400	U	1000	2400
Chlorodibromomethane		2400	U	820	2400
Chloroethane		2400	U	1300	2400
Chloroform		2400	U	530	2400
Chloromethane		2400	U	480	2400
3-Chloro-1-propene		2400	U	1100	2400
cis-1,3-Dichloropropene		2400	U	400	2400
1,2-Dibromo-3-Chloropropane		4800	U	2100	4800
Dibromomethane		2400	U	820	2400
Dichlorobromomethane		2400	U	470	2400
Dichlorodifluoromethane		2400	U	450	2400
1,1-Dichloroethane		2400	U	530	2400
1,2-Dichloroethane		2400	U	530	2400
1,1-Dichloroethene		2400	U	720	2400
1,2-Dichloropropane		2400	U	420	2400
Ethylbenzene		2400	U	630	2400
Ethylene Dibromide		2400	U	720	2400
Ethyl methacrylate		2400	U	1600	2400
2-Hexanone		12000	U	1600	12000
Iodomethane		2400	U	870	2400
Isobutyl alcohol		97000	U	25000	97000
Methacrylonitrile		48000	U	11000	48000
Methylene Chloride		2400	U	470	2400
Methyl methacrylate		4800	U	2200	4800
4-Methyl-2-pentanone (MIBK)		12000	U	2000	12000
Pentachloroethane		12000	U	3000	12000
Propionitrile		48000	U	13000	48000
Styrene		2400	U	450	2400
1,1,1,2-Tetrachloroethane		2400	U	1200	2400
1,1,2,2-Tetrachloroethane		2400	U	770	2400
Tetrachloroethene		2400	U	920	2400
Toluene		33000		410	2400
trans-1,4-Dichloro-2-butene		4800	U	1400	4800
trans-1,2-Dichloroethene		2400	U	300	2400
trans-1,3-Dichloropropene		2400	U	420	2400

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-NS**

Lab Sample ID: 680-56861-10 Date Sampled: 04/15/2010 1105
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0474.d
Dilution:	400			Initial Weight/Volume:	5.2 g
Date Analyzed:	04/25/2010 2202			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		2400	U	290	2400
1,1,2-Trichloroethane		2400	U	630	2400
Trichloroethene		2400	U	630	2400
Trichlorofluoromethane		2400	U	580	2400
1,2,3-Trichloropropane		2400	U	1200	2400
Vinyl acetate		4800	U	1200	4800
Vinyl chloride		2400	U	720	2400
Xylenes, Total		4800	U	530	4800

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-LS**

Lab Sample ID: 680-56861-11 Date Sampled: 04/15/2010 1110
Client Matrix: Solid % Moisture: 59.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0510.d
Dilution:	20000			Initial Weight/Volume:	3.3 g
Date Analyzed:	04/27/2010 1017			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		3700000	U	820000	3700000
Acetonitrile		15000000	U	3100000	15000000
Acrolein		7500000	U	1800000	7500000
Acrylonitrile		7500000	U	2500000	7500000
Benzene		370000	U	54000	370000
Bromoform		370000	U	110000	370000
Bromomethane		370000	U	110000	370000
2-Butanone (MEK)		1900000	U	180000	1900000
Carbon disulfide		370000	U	82000	370000
Carbon tetrachloride		370000	U	62000	370000
Chlorobenzene		370000	U	72000	370000
2-Chloro-1,3-butadiene		370000	U	160000	370000
Chlorodibromomethane		370000	U	130000	370000
Chloroethane		370000	U	200000	370000
Chloroform		370000	U	82000	370000
Chloromethane		370000	U	75000	370000
3-Chloro-1-propene		370000	U	160000	370000
cis-1,3-Dichloropropene		370000	U	62000	370000
1,2-Dibromo-3-Chloropropane		750000	U	330000	750000
Dibromomethane		370000	U	130000	370000
Dichlorobromomethane		370000	U	72000	370000
Dichlorodifluoromethane		370000	U	70000	370000
1,1-Dichloroethane		370000	U	82000	370000
1,2-Dichloroethane		370000	U	82000	370000
1,1-Dichloroethene		370000	U	110000	370000
1,2-Dichloropropane		370000	U	64000	370000
Ethylbenzene		370000	U	97000	370000
Ethylene Dibromide		370000	U	110000	370000
Ethyl methacrylate		370000	U	250000	370000
2-Hexanone		1900000	U	250000	1900000
Iodomethane		370000	U	130000	370000
Isobutyl alcohol		15000000	U	3900000	15000000
Methacrylonitrile		7500000	U	1700000	7500000
Methylene Chloride		420000		73000	370000
Methyl methacrylate		750000	U	340000	750000
4-Methyl-2-pentanone (MIBK)		1900000	U	310000	1900000
Pentachloroethane		1900000	U	470000	1900000
Propionitrile		7500000	U	1900000	7500000
Styrene		370000	U	69000	370000
1,1,1,2-Tetrachloroethane		370000	U	180000	370000
1,1,2,2-Tetrachloroethane		370000	U	120000	370000
Tetrachloroethene		370000	U	140000	370000
Toluene		14000000		63000	370000
trans-1,4-Dichloro-2-butene		750000	U	220000	750000
trans-1,2-Dichloroethene		370000	U	47000	370000
trans-1,3-Dichloropropene		370000	U	65000	370000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-LS**

Lab Sample ID: 680-56861-11 Date Sampled: 04/15/2010 1110
Client Matrix: Solid % Moisture: 59.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0510.d
Dilution:	20000			Initial Weight/Volume:	3.3 g
Date Analyzed:	04/27/2010 1017			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		370000	U	44000	370000
1,1,2-Trichloroethane		370000	U	97000	370000
Trichloroethene		370000	U	97000	370000
Trichlorofluoromethane		370000	U	89000	370000
1,2,3-Trichloropropane		370000	U	180000	370000
Vinyl acetate		750000	U	190000	750000
Vinyl chloride		370000	U	110000	370000
Xylenes, Total		750000	U	82000	750000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-US**

Lab Sample ID: 680-56861-12 Date Sampled: 04/15/2010 1145
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0495.d
Dilution:	2000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/26/2010 1312			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		910000	U	200000	910000
Acetonitrile		3600000	U	740000	3600000
Acrolein		1800000	U	430000	1800000
Acrylonitrile		1800000	U	620000	1800000
Benzene		91000	U	13000	91000
Bromoform		91000	U	27000	91000
Bromomethane		91000	U	27000	91000
2-Butanone (MEK)		450000	U	43000	450000
Carbon disulfide		91000	U	20000	91000
Carbon tetrachloride		91000	U	15000	91000
Chlorobenzene		91000	U	17000	91000
2-Chloro-1,3-butadiene		91000	U	38000	91000
Chlorodibromomethane		91000	U	31000	91000
Chloroethane		91000	U	49000	91000
Chloroform		91000	U	20000	91000
Chloromethane		91000	U	18000	91000
3-Chloro-1-propene		91000	U	40000	91000
cis-1,3-Dichloropropene		91000	U	15000	91000
1,2-Dibromo-3-Chloropropane		180000	U	80000	180000
Dibromomethane		91000	U	31000	91000
Dichlorobromomethane		91000	U	18000	91000
Dichlorodifluoromethane		91000	U	17000	91000
1,1-Dichloroethane		91000	U	20000	91000
1,2-Dichloroethane		91000	U	20000	91000
1,1-Dichloroethene		91000	U	27000	91000
1,2-Dichloropropane		91000	U	16000	91000
Ethylbenzene		91000	U	24000	91000
Ethylene Dibromide		91000	U	27000	91000
Ethyl methacrylate		91000	U	62000	91000
2-Hexanone		450000	U	60000	450000
Iodomethane		91000	U	33000	91000
Isobutyl alcohol		3600000	U	940000	3600000
Methacrylonitrile		1800000	U	420000	1800000
Methylene Chloride		91000	U	18000	91000
Methyl methacrylate		180000	U	81000	180000
4-Methyl-2-pentanone (MIBK)		450000	U	76000	450000
Pentachloroethane		450000	U	110000	450000
Propionitrile		1800000	U	470000	1800000
Styrene		91000	U	17000	91000
1,1,1,2-Tetrachloroethane		91000	U	43000	91000
1,1,2,2-Tetrachloroethane		91000	U	29000	91000
Tetrachloroethene		91000	U	34000	91000
Toluene		980000		15000	91000
trans-1,4-Dichloro-2-butene		180000	U	53000	180000
trans-1,2-Dichloroethene		91000	U	11000	91000
trans-1,3-Dichloropropene		91000	U	16000	91000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-US**

Lab Sample ID: 680-56861-12 Date Sampled: 04/15/2010 1145
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0495.d
Dilution:	2000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/26/2010 1312			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		91000	U	11000	91000
1,1,2-Trichloroethane		91000	U	24000	91000
Trichloroethene		91000	U	24000	91000
Trichlorofluoromethane		91000	U	22000	91000
1,2,3-Trichloropropane		91000	U	43000	91000
Vinyl acetate		180000	U	45000	180000
Vinyl chloride		91000	U	27000	91000
Xylenes, Total		180000	U	20000	180000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-US**

Lab Sample ID: 680-56861-13 Date Sampled: 04/15/2010 1415
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0477.d
Dilution:	2000			Initial Weight/Volume:	3.5 g
Date Analyzed:	04/25/2010 2313			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		830000	U	180000	830000
Acetonitrile		3300000	U	680000	3300000
Acrolein		1700000	U	400000	1700000
Acrylonitrile		1700000	U	560000	1700000
Benzene		83000	U	12000	83000
Bromoform		83000	U	25000	83000
Bromomethane		83000	U	25000	83000
2-Butanone (MEK)		410000	U	40000	410000
Carbon disulfide		83000	U	18000	83000
Carbon tetrachloride		83000	U	14000	83000
Chlorobenzene		83000	U	16000	83000
2-Chloro-1,3-butadiene		83000	U	35000	83000
Chlorodibromomethane		83000	U	28000	83000
Chloroethane		83000	U	45000	83000
Chloroform		83000	U	18000	83000
Chloromethane		83000	U	17000	83000
3-Chloro-1-propene		83000	U	36000	83000
cis-1,3-Dichloropropene		83000	U	14000	83000
1,2-Dibromo-3-Chloropropane		170000	U	73000	170000
Dibromomethane		83000	U	28000	83000
Dichlorobromomethane		83000	U	16000	83000
Dichlorodifluoromethane		83000	U	16000	83000
1,1-Dichloroethane		83000	U	18000	83000
1,2-Dichloroethane		83000	U	18000	83000
1,1-Dichloroethene		83000	U	25000	83000
1,2-Dichloropropane		83000	U	14000	83000
Ethylbenzene		83000	U	22000	83000
Ethylene Dibromide		83000	U	25000	83000
Ethyl methacrylate		83000	U	56000	83000
2-Hexanone		410000	U	55000	410000
Iodomethane		83000	U	30000	83000
Isobutyl alcohol		3300000	U	860000	3300000
Methacrylonitrile		1700000	U	380000	1700000
Methylene Chloride		83000	U	16000	83000
Methyl methacrylate		170000	U	74000	170000
4-Methyl-2-pentanone (MIBK)		410000	U	70000	410000
Pentachloroethane		410000	U	100000	410000
Propionitrile		1700000	U	430000	1700000
Styrene		83000	U	15000	83000
1,1,1,2-Tetrachloroethane		83000	U	40000	83000
1,1,2,2-Tetrachloroethane		83000	U	26000	83000
Tetrachloroethene		83000	U	31000	83000
Toluene		1800000		14000	83000
trans-1,4-Dichloro-2-butene		170000	U	48000	170000
trans-1,2-Dichloroethene		83000	U	10000	83000
trans-1,3-Dichloropropene		83000	U	14000	83000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-US**

Lab Sample ID: 680-56861-13 Date Sampled: 04/15/2010 1415
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0477.d
Dilution:	2000			Initial Weight/Volume:	3.5 g
Date Analyzed:	04/25/2010 2313			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		83000	U	9800	83000
1,1,2-Trichloroethane		83000	U	22000	83000
Trichloroethene		83000	U	22000	83000
Trichlorofluoromethane		83000	U	20000	83000
1,2,3-Trichloropropane		83000	U	40000	83000
Vinyl acetate		170000	U	41000	170000
Vinyl chloride		83000	U	25000	83000
Xylenes, Total		170000	U	18000	170000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-NS**

Lab Sample ID: 680-56861-14 Date Sampled: 04/15/2010 1505
Client Matrix: Solid % Moisture: 16.9 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0497.d
Dilution:	2000			Initial Weight/Volume:	6.2 g
Date Analyzed:	04/26/2010 1359			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		97000	U	21000	97000
Acetonitrile		390000	U	80000	390000
Acrolein		190000	U	47000	190000
Acrylonitrile		190000	U	66000	190000
Benzene		110000		1400	9700
Bromoform		9700	U	2900	9700
Bromomethane		9700	U	2900	9700
2-Butanone (MEK)		49000	U	4700	49000
Carbon disulfide		9700	U	2100	9700
Carbon tetrachloride		9700	U	1600	9700
Chlorobenzene		9700	U	1900	9700
2-Chloro-1,3-butadiene		9700	U	4100	9700
Chlorodibromomethane		9700	U	3300	9700
Chloroethane		9700	U	5200	9700
Chloroform		9700	U	2100	9700
Chloromethane		9700	U	1900	9700
3-Chloro-1-propene		9700	U	4300	9700
cis-1,3-Dichloropropene		9700	U	1600	9700
1,2-Dibromo-3-Chloropropane		19000	U	8500	19000
Dibromomethane		9700	U	3300	9700
Dichlorobromomethane		9700	U	1900	9700
Dichlorodifluoromethane		9700	U	1800	9700
1,1-Dichloroethane		9700	U	2100	9700
1,2-Dichloroethane		9700	U	2100	9700
1,1-Dichloroethene		9700	U	2900	9700
1,2-Dichloropropane		9700	U	1700	9700
Ethylbenzene		9700	U	2500	9700
Ethylene Dibromide		9700	U	2900	9700
Ethyl methacrylate		9700	U	6600	9700
2-Hexanone		49000	U	6400	49000
Iodomethane		9700	U	3500	9700
Isobutyl alcohol		390000	U	100000	390000
Methacrylonitrile		190000	U	45000	190000
Methylene Chloride		9700	U	1900	9700
Methyl methacrylate		19000	U	8700	19000
4-Methyl-2-pentanone (MIBK)		49000	U	8200	49000
Pentachloroethane		49000	U	12000	49000
Propionitrile		190000	U	50000	190000
Styrene		9700	U	1800	9700
1,1,1,2-Tetrachloroethane		9700	U	4700	9700
1,1,2,2-Tetrachloroethane		9700	U	3100	9700
Tetrachloroethene		9700	U	3700	9700
Toluene		70000		1600	9700
trans-1,4-Dichloro-2-butene		19000	U	5600	19000
trans-1,2-Dichloroethene		9700	U	1200	9700
trans-1,3-Dichloropropene		9700	U	1700	9700

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-NS**

Lab Sample ID: 680-56861-14 Date Sampled: 04/15/2010 1505
Client Matrix: Solid % Moisture: 16.9 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0497.d
Dilution:	2000			Initial Weight/Volume:	6.2 g
Date Analyzed:	04/26/2010 1359			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		9700	U	1100	9700
1,1,2-Trichloroethane		9700	U	2500	9700
Trichloroethene		9700	U	2500	9700
Trichlorofluoromethane		9700	U	2300	9700
1,2,3-Trichloropropane		9700	U	4700	9700
Vinyl acetate		19000	U	4900	19000
Vinyl chloride		9700	U	2900	9700
Xylenes, Total		19000	U	2100	19000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-LS**

Lab Sample ID: 680-56861-15 Date Sampled: 04/15/2010 1520
Client Matrix: Solid % Moisture: 70.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0479.d
Dilution:	20000			Initial Weight/Volume:	3.4 g
Date Analyzed:	04/26/2010 0000			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5000000	U	1100000	5000000
Acetonitrile		20000000	U	4100000	20000000
Acrolein		10000000	U	2400000	10000000
Acrylonitrile		10000000	U	3400000	10000000
Benzene		500000	U	73000	500000
Bromoform		500000	U	150000	500000
Bromomethane		500000	U	150000	500000
2-Butanone (MEK)		2500000	U	240000	2500000
Carbon disulfide		500000	U	110000	500000
Carbon tetrachloride		500000	U	83000	500000
Chlorobenzene		500000	U	96000	500000
2-Chloro-1,3-butadiene		500000	U	210000	500000
Chlorodibromomethane		500000	U	170000	500000
Chloroethane		500000	U	270000	500000
Chloroform		500000	U	110000	500000
Chloromethane		500000	U	100000	500000
3-Chloro-1-propene		500000	U	220000	500000
cis-1,3-Dichloropropene		500000	U	83000	500000
1,2-Dibromo-3-Chloropropane		1000000	U	440000	1000000
Dibromomethane		500000	U	170000	500000
Dichlorobromomethane		500000	U	97000	500000
Dichlorodifluoromethane		500000	U	94000	500000
1,1-Dichloroethane		500000	U	110000	500000
1,2-Dichloroethane		500000	U	110000	500000
1,1-Dichloroethene		500000	U	150000	500000
1,2-Dichloropropane		500000	U	86000	500000
Ethylbenzene		500000	U	130000	500000
Ethylene Dibromide		500000	U	150000	500000
Ethyl methacrylate		500000	U	340000	500000
2-Hexanone		2500000	U	330000	2500000
Iodomethane		500000	U	180000	500000
Isobutyl alcohol		20000000	U	5200000	20000000
Methacrylonitrile		10000000	U	2300000	10000000
Methylene Chloride		500000	U	98000	500000
Methyl methacrylate		1000000	U	450000	1000000
4-Methyl-2-pentanone (MIBK)		2500000	U	420000	2500000
Pentachloroethane		2500000	U	630000	2500000
Propionitrile		10000000	U	2600000	10000000
Styrene		500000	U	93000	500000
1,1,1,2-Tetrachloroethane		500000	U	240000	500000
1,1,2,2-Tetrachloroethane		500000	U	160000	500000
Tetrachloroethene		500000	U	190000	500000
Toluene		5900000		84000	500000
trans-1,4-Dichloro-2-butene		1000000	U	290000	1000000
trans-1,2-Dichloroethene		500000	U	63000	500000
trans-1,3-Dichloropropene		500000	U	87000	500000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-LS**

Lab Sample ID: 680-56861-15 Date Sampled: 04/15/2010 1520
Client Matrix: Solid % Moisture: 70.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0479.d
Dilution:	20000			Initial Weight/Volume:	3.4 g
Date Analyzed:	04/26/2010 0000			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		500000	U	59000	500000
1,1,2-Trichloroethane		500000	U	130000	500000
Trichloroethene		500000	U	130000	500000
Trichlorofluoromethane		500000	U	120000	500000
1,2,3-Trichloropropane		500000	U	240000	500000
Vinyl acetate		1000000	U	250000	1000000
Vinyl chloride		500000	U	150000	500000
Xylenes, Total		1000000	U	110000	1000000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-US**

Lab Sample ID: 680-56861-16 Date Sampled: 04/15/2010 1525
Client Matrix: Solid % Moisture: 73.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0480.d
Dilution:	10000			Initial Weight/Volume:	3.3 g
Date Analyzed:	04/26/2010 0024			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2900000	U	630000	2900000
Acetonitrile		12000000	U	2400000	12000000
Acrolein		5800000	U	1400000	5800000
Acrylonitrile		5800000	U	2000000	5800000
Benzene		290000	U	42000	290000
Bromoform		290000	U	86000	290000
Bromomethane		290000	U	86000	290000
2-Butanone (MEK)		1400000	U	140000	1400000
Carbon disulfide		290000	U	63000	290000
Carbon tetrachloride		290000	U	48000	290000
Chlorobenzene		290000	U	55000	290000
2-Chloro-1,3-butadiene		290000	U	120000	290000
Chlorodibromomethane		290000	U	98000	290000
Chloroethane		290000	U	160000	290000
Chloroform		290000	U	63000	290000
Chloromethane		290000	U	58000	290000
3-Chloro-1-propene		290000	U	130000	290000
cis-1,3-Dichloropropene		290000	U	48000	290000
1,2-Dibromo-3-Chloropropane		580000	U	250000	580000
Dibromomethane		290000	U	98000	290000
Dichlorobromomethane		290000	U	56000	290000
Dichlorodifluoromethane		290000	U	54000	290000
1,1-Dichloroethane		290000	U	63000	290000
1,2-Dichloroethane		290000	U	63000	290000
1,1-Dichloroethene		290000	U	86000	290000
1,2-Dichloropropane		290000	U	50000	290000
Ethylbenzene		290000	U	75000	290000
Ethylene Dibromide		290000	U	86000	290000
Ethyl methacrylate		290000	U	200000	290000
2-Hexanone		1400000	U	190000	1400000
Iodomethane		290000	U	100000	290000
Isobutyl alcohol		12000000	U	3000000	12000000
Methacrylonitrile		5800000	U	1300000	5800000
Methylene Chloride		290000	U	56000	290000
Methyl methacrylate		580000	U	260000	580000
4-Methyl-2-pentanone (MIBK)		1400000	U	240000	1400000
Pentachloroethane		1400000	U	360000	1400000
Propionitrile		5800000	U	1500000	5800000
Styrene		290000	U	54000	290000
1,1,1,2-Tetrachloroethane		290000	U	140000	290000
1,1,2,2-Tetrachloroethane		290000	U	92000	290000
Tetrachloroethene		290000	U	110000	290000
Toluene		2800000		48000	290000
trans-1,4-Dichloro-2-butene		580000	U	170000	580000
trans-1,2-Dichloroethene		290000	U	36000	290000
trans-1,3-Dichloropropene		290000	U	50000	290000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-US**

Lab Sample ID: 680-56861-16 Date Sampled: 04/15/2010 1525
Client Matrix: Solid % Moisture: 73.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166686		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0480.d
Dilution:	10000			Initial Weight/Volume:	3.3 g
Date Analyzed:	04/26/2010 0024			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		290000	U	34000	290000
1,1,2-Trichloroethane		290000	U	75000	290000
Trichloroethene		290000	U	75000	290000
Trichlorofluoromethane		290000	U	69000	290000
1,2,3-Trichloropropane		290000	U	140000	290000
Vinyl acetate		580000	U	140000	580000
Vinyl chloride		290000	U	86000	290000
Xylenes, Total		580000	U	63000	580000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-NS**

Lab Sample ID: 680-56861-17 Date Sampled: 04/15/2010 1600
Client Matrix: Solid % Moisture: 27.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0511.d
Dilution:	200			Initial Weight/Volume:	5.2 g
Date Analyzed:	04/27/2010 1040			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		13000	U	2900	13000
Acetonitrile		53000	U	11000	53000
Acrolein		27000	U	6400	27000
Acrylonitrile		27000	U	9000	27000
Benzene		390	J	190	1300
Bromoform		1300	U	400	1300
Bromomethane		1300	U	400	1300
2-Butanone (MEK)		840	J	640	6600
Carbon disulfide		1300	U	290	1300
Carbon tetrachloride		1300	U	220	1300
Chlorobenzene		1300	U	260	1300
2-Chloro-1,3-butadiene		1300	U	560	1300
Chlorodibromomethane		1300	U	450	1300
Chloroethane		1300	U	720	1300
Chloroform		1300	U	290	1300
Chloromethane		1300	U	270	1300
3-Chloro-1-propene		1300	U	580	1300
cis-1,3-Dichloropropene		1300	U	220	1300
1,2-Dibromo-3-Chloropropane		2700	U	1200	2700
Dibromomethane		1300	U	450	1300
Dichlorobromomethane		1300	U	260	1300
Dichlorodifluoromethane		1300	U	250	1300
1,1-Dichloroethane		1300	U	290	1300
1,2-Dichloroethane		1300	U	290	1300
1,1-Dichloroethene		1300	U	400	1300
1,2-Dichloropropane		1300	U	230	1300
Ethylbenzene		1300	U	350	1300
Ethylene Dibromide		1300	U	400	1300
Ethyl methacrylate		1300	U	900	1300
2-Hexanone		6600	U	880	6600
Iodomethane		1300	U	480	1300
Isobutyl alcohol		53000	U	14000	53000
Methacrylonitrile		27000	U	6100	27000
Methylene Chloride		1600		260	1300
Methyl methacrylate		2700	U	1200	2700
4-Methyl-2-pentanone (MIBK)		6600	U	1100	6600
Pentachloroethane		6600	U	1700	6600
Propionitrile		27000	U	6900	27000
Styrene		1300	U	250	1300
1,1,1,2-Tetrachloroethane		1300	U	640	1300
1,1,2,2-Tetrachloroethane		1300	U	430	1300
Tetrachloroethene		1300	U	510	1300
Toluene		17000		220	1300
trans-1,4-Dichloro-2-butene		2700	U	770	2700
trans-1,2-Dichloroethene		1300	U	170	1300
trans-1,3-Dichloropropene		1300	U	230	1300

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-NS**

Lab Sample ID: 680-56861-17 Date Sampled: 04/15/2010 1600
Client Matrix: Solid % Moisture: 27.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0511.d
Dilution:	200			Initial Weight/Volume:	5.2 g
Date Analyzed:	04/27/2010 1040			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		1300	U	160	1300
1,1,2-Trichloroethane		1300	U	350	1300
Trichloroethene		1300	U	350	1300
Trichlorofluoromethane		1300	U	320	1300
1,2,3-Trichloropropane		1300	U	640	1300
Vinyl acetate		2700	U	660	2700
Vinyl chloride		1300	U	400	1300
Xylenes, Total		2700	U	290	2700

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	96		65 - 124
Dibromofluoromethane	77		65 - 124
Toluene-d8 (Surr)	75		65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-LS**

Lab Sample ID: 680-56861-18 Date Sampled: 04/15/2010 1615
Client Matrix: Solid % Moisture: 75.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0512.d
Dilution:	20000			Initial Weight/Volume:	3.1 g
Date Analyzed:	04/27/2010 1104			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		6600000	U	1400000	6600000
Acetonitrile		26000000	U	5400000	26000000
Acrolein		13000000	U	3100000	13000000
Acrylonitrile		13000000	U	4500000	13000000
Benzene		660000	U	96000	660000
Bromoform		660000	U	200000	660000
Bromomethane		660000	U	200000	660000
2-Butanone (MEK)		3300000	U	310000	3300000
Carbon disulfide		660000	U	140000	660000
Carbon tetrachloride		660000	U	110000	660000
Chlorobenzene		660000	U	130000	660000
2-Chloro-1,3-butadiene		660000	U	280000	660000
Chlorodibromomethane		660000	U	220000	660000
Chloroethane		660000	U	350000	660000
Chloroform		660000	U	140000	660000
Chloromethane		660000	U	130000	660000
3-Chloro-1-propene		660000	U	290000	660000
cis-1,3-Dichloropropene		660000	U	110000	660000
1,2-Dibromo-3-Chloropropane		1300000	U	580000	1300000
Dibromomethane		660000	U	220000	660000
Dichlorobromomethane		660000	U	130000	660000
Dichlorodifluoromethane		660000	U	120000	660000
1,1-Dichloroethane		660000	U	140000	660000
1,2-Dichloroethane		660000	U	140000	660000
1,1-Dichloroethene		660000	U	200000	660000
1,2-Dichloropropane		660000	U	110000	660000
Ethylbenzene		660000	U	170000	660000
Ethylene Dibromide		660000	U	200000	660000
Ethyl methacrylate		660000	U	450000	660000
2-Hexanone		3300000	U	430000	3300000
Iodomethane		660000	U	240000	660000
Isobutyl alcohol		26000000	U	6800000	26000000
Methacrylonitrile		13000000	U	3000000	13000000
Methylene Chloride		610000	J	130000	660000
Methyl methacrylate		1300000	U	590000	1300000
4-Methyl-2-pentanone (MIBK)		3300000	U	550000	3300000
Pentachloroethane		3300000	U	830000	3300000
Propionitrile		13000000	U	3400000	13000000
Styrene		660000	U	120000	660000
1,1,1,2-Tetrachloroethane		660000	U	310000	660000
1,1,2,2-Tetrachloroethane		660000	U	210000	660000
Tetrachloroethene		660000	U	250000	660000
Toluene		14000000		110000	660000
trans-1,4-Dichloro-2-butene		1300000	U	380000	1300000
trans-1,2-Dichloroethene		660000	U	83000	660000
trans-1,3-Dichloropropene		660000	U	110000	660000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-LS**

Lab Sample ID: 680-56861-18 Date Sampled: 04/15/2010 1615
Client Matrix: Solid % Moisture: 75.4 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166861		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0512.d
Dilution:	20000			Initial Weight/Volume:	3.1 g
Date Analyzed:	04/27/2010 1104			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		660000	U	77000	660000
1,1,2-Trichloroethane		660000	U	170000	660000
Trichloroethene		660000	U	170000	660000
Trichlorofluoromethane		660000	U	160000	660000
1,2,3-Trichloropropane		660000	U	310000	660000
Vinyl acetate		1300000	U	330000	1300000
Vinyl chloride		660000	U	200000	660000
Xylenes, Total		1300000	U	140000	1300000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-US**

Lab Sample ID: 680-56861-19 Date Sampled: 04/15/2010 1620
Client Matrix: Solid % Moisture: 86.3 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0500.d
Dilution:	1000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/26/2010 1509			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		570000	U	130000	570000
Acetonitrile		2300000	U	470000	2300000
Acrolein		1100000	U	270000	1100000
Acrylonitrile		1100000	U	390000	1100000
Benzene		57000	U	8300	57000
Bromoform		57000	U	17000	57000
Bromomethane		57000	U	17000	57000
2-Butanone (MEK)		290000	U	27000	290000
Carbon disulfide		57000	U	13000	57000
Carbon tetrachloride		57000	U	9500	57000
Chlorobenzene		57000	U	11000	57000
2-Chloro-1,3-butadiene		57000	U	24000	57000
Chlorodibromomethane		57000	U	19000	57000
Chloroethane		57000	U	31000	57000
Chloroform		57000	U	13000	57000
Chloromethane		57000	U	11000	57000
3-Chloro-1-propene		57000	U	25000	57000
cis-1,3-Dichloropropene		57000	U	9500	57000
1,2-Dibromo-3-Chloropropane		110000	U	50000	110000
Dibromomethane		57000	U	19000	57000
Dichlorobromomethane		57000	U	11000	57000
Dichlorodifluoromethane		57000	U	11000	57000
1,1-Dichloroethane		57000	U	13000	57000
1,2-Dichloroethane		57000	U	13000	57000
1,1-Dichloroethene		57000	U	17000	57000
1,2-Dichloropropane		57000	U	9800	57000
Ethylbenzene		57000	U	15000	57000
Ethylene Dibromide		57000	U	17000	57000
Ethyl methacrylate		57000	U	39000	57000
2-Hexanone		290000	U	38000	290000
Iodomethane		57000	U	21000	57000
Isobutyl alcohol		2300000	U	590000	2300000
Methacrylonitrile		1100000	U	260000	1100000
Methylene Chloride		57000	U	11000	57000
Methyl methacrylate		110000	U	51000	110000
4-Methyl-2-pentanone (MIBK)		290000	U	48000	290000
Pentachloroethane		290000	U	72000	290000
Propionitrile		1100000	U	300000	1100000
Styrene		57000	U	11000	57000
1,1,1,2-Tetrachloroethane		57000	U	27000	57000
1,1,2,2-Tetrachloroethane		57000	U	18000	57000
Tetrachloroethene		57000	U	22000	57000
Toluene		810000		9600	57000
trans-1,4-Dichloro-2-butene		110000	U	33000	110000
trans-1,2-Dichloroethene		57000	U	7200	57000
trans-1,3-Dichloropropene		57000	U	9900	57000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-US**

Lab Sample ID: 680-56861-19 Date Sampled: 04/15/2010 1620
Client Matrix: Solid % Moisture: 86.3 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0500.d
Dilution:	1000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/26/2010 1509			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		57000	U	6700	57000
1,1,2-Trichloroethane		57000	U	15000	57000
Trichloroethene		57000	U	15000	57000
Trichlorofluoromethane		57000	U	14000	57000
1,2,3-Trichloropropane		57000	U	27000	57000
Vinyl acetate		110000	U	29000	110000
Vinyl chloride		57000	U	17000	57000
Xylenes, Total		110000	U	13000	110000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-US**

Lab Sample ID: 680-56861-20 Date Sampled: 04/15/2010 1700
Client Matrix: Solid % Moisture: 62.6 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0501.d
Dilution:	2000			Initial Weight/Volume:	3.4 g
Date Analyzed:	04/26/2010 1533			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		390000	U	87000	390000
Acetonitrile		1600000	U	320000	1600000
Acrolein		790000	U	190000	790000
Acrylonitrile		790000	U	270000	790000
Benzene		55000		5700	39000
Bromoform		39000	U	12000	39000
Bromomethane		39000	U	12000	39000
2-Butanone (MEK)		200000	U	19000	200000
Carbon disulfide		39000	U	8700	39000
Carbon tetrachloride		39000	U	6500	39000
Chlorobenzene		39000	U	7600	39000
2-Chloro-1,3-butadiene		39000	U	17000	39000
Chlorodibromomethane		39000	U	13000	39000
Chloroethane		39000	U	21000	39000
Chloroform		39000	U	8700	39000
Chloromethane		39000	U	7900	39000
3-Chloro-1-propene		39000	U	17000	39000
cis-1,3-Dichloropropene		39000	U	6500	39000
1,2-Dibromo-3-Chloropropane		79000	U	35000	79000
Dibromomethane		39000	U	13000	39000
Dichlorobromomethane		39000	U	7600	39000
Dichlorodifluoromethane		39000	U	7400	39000
1,1-Dichloroethane		39000	U	8700	39000
1,2-Dichloroethane		39000	U	8700	39000
1,1-Dichloroethene		39000	U	12000	39000
1,2-Dichloropropane		39000	U	6800	39000
Ethylbenzene		39000	U	10000	39000
Ethylene Dibromide		39000	U	12000	39000
Ethyl methacrylate		39000	U	27000	39000
2-Hexanone		200000	U	26000	200000
Iodomethane		39000	U	14000	39000
Isobutyl alcohol		1600000	U	410000	1600000
Methacrylonitrile		790000	U	180000	790000
Methylene Chloride		39000	U	7700	39000
Methyl methacrylate		79000	U	35000	79000
4-Methyl-2-pentanone (MIBK)		200000	U	33000	200000
Pentachloroethane		200000	U	50000	200000
Propionitrile		790000	U	200000	790000
Styrene		39000	U	7300	39000
1,1,1,2-Tetrachloroethane		39000	U	19000	39000
1,1,2,2-Tetrachloroethane		39000	U	13000	39000
Tetrachloroethene		39000	U	15000	39000
Toluene		820000		6600	39000
trans-1,4-Dichloro-2-butene		79000	U	23000	79000
trans-1,2-Dichloroethene		39000	U	5000	39000
trans-1,3-Dichloropropene		39000	U	6800	39000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-US**

Lab Sample ID: 680-56861-20 Date Sampled: 04/15/2010 1700
Client Matrix: Solid % Moisture: 62.6 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0501.d
Dilution:	2000			Initial Weight/Volume:	3.4 g
Date Analyzed:	04/26/2010 1533			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		39000	U	4600	39000
1,1,2-Trichloroethane		39000	U	10000	39000
Trichloroethene		39000	U	10000	39000
Trichlorofluoromethane		39000	U	9400	39000
1,2,3-Trichloropropane		39000	U	19000	39000
Vinyl acetate		79000	U	20000	79000
Vinyl chloride		39000	U	12000	39000
Xylenes, Total		79000	U	8700	79000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-NS**

Lab Sample ID: 680-56861-21 Date Sampled: 04/16/2010 0840
Client Matrix: Solid % Moisture: 14.5 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0502.d
Dilution:	2000			Initial Weight/Volume:	6.3 g
Date Analyzed:	04/26/2010 1556			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		93000	U	20000	93000
Acetonitrile		370000	U	76000	370000
Acrolein		190000	U	45000	190000
Acrylonitrile		190000	U	63000	190000
Benzene		17000		1400	9300
Bromoform		9300	U	2800	9300
Bromomethane		9300	U	2800	9300
2-Butanone (MEK)		46000	U	4500	46000
Carbon disulfide		9300	U	2000	9300
Carbon tetrachloride		14000		1500	9300
Chlorobenzene		9300	U	1800	9300
2-Chloro-1,3-butadiene		9300	U	3900	9300
Chlorodibromomethane		9300	U	3200	9300
Chloroethane		9300	U	5000	9300
Chloroform		2100	J	2000	9300
Chloromethane		9300	U	1900	9300
3-Chloro-1-propene		9300	U	4100	9300
cis-1,3-Dichloropropene		9300	U	1500	9300
1,2-Dibromo-3-Chloropropane		19000	U	8200	19000
Dibromomethane		9300	U	3200	9300
Dichlorobromomethane		9300	U	1800	9300
Dichlorodifluoromethane		9300	U	1700	9300
1,1-Dichloroethane		9300	U	2000	9300
1,2-Dichloroethane		9300	U	2000	9300
1,1-Dichloroethene		9300	U	2800	9300
1,2-Dichloropropane		9300	U	1600	9300
Ethylbenzene		9300	U	2400	9300
Ethylene Dibromide		9300	U	2800	9300
Ethyl methacrylate		9300	U	6300	9300
2-Hexanone		46000	U	6100	46000
Iodomethane		9300	U	3300	9300
Isobutyl alcohol		370000	U	97000	370000
Methacrylonitrile		190000	U	43000	190000
Methylene Chloride		9300	U	1800	9300
Methyl methacrylate		19000	U	8400	19000
4-Methyl-2-pentanone (MIBK)		46000	U	7800	46000
Pentachloroethane		46000	U	12000	46000
Propionitrile		190000	U	48000	190000
Styrene		9300	U	1700	9300
1,1,1,2-Tetrachloroethane		9300	U	4500	9300
1,1,2,2-Tetrachloroethane		9300	U	3000	9300
Tetrachloroethene		9300	U	3500	9300
Toluene		290000		1600	9300
trans-1,4-Dichloro-2-butene		19000	U	5400	19000
trans-1,2-Dichloroethene		9300	U	1200	9300
trans-1,3-Dichloropropene		9300	U	1600	9300

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-NS**

Lab Sample ID: 680-56861-21 Date Sampled: 04/16/2010 0840
Client Matrix: Solid % Moisture: 14.5 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0502.d
Dilution:	2000			Initial Weight/Volume:	6.3 g
Date Analyzed:	04/26/2010 1556			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		9300	U	1100	9300
1,1,2-Trichloroethane		9300	U	2400	9300
Trichloroethene		9300	U	2400	9300
Trichlorofluoromethane		9300	U	2200	9300
1,2,3-Trichloropropane		9300	U	4500	9300
Vinyl acetate		19000	U	4600	19000
Vinyl chloride		9300	U	2800	9300
Xylenes, Total		19000	U	2000	19000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-LS**

Lab Sample ID: 680-56861-22 Date Sampled: 04/16/2010 0850
Client Matrix: Solid % Moisture: 66.8 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0503.d
Dilution:	50000			Initial Weight/Volume:	3.3 g
Date Analyzed:	04/26/2010 1620			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		11000000	U	2500000	11000000
Acetonitrile		46000000	U	9300000	46000000
Acrolein		23000000	U	5500000	23000000
Acrylonitrile		23000000	U	7800000	23000000
Benzene		1100000	U	170000	1100000
Bromoform		1100000	U	340000	1100000
Bromomethane		1100000	U	340000	1100000
2-Butanone (MEK)		5700000	U	550000	5700000
Carbon disulfide		1100000	U	250000	1100000
Carbon tetrachloride		1100000	U	190000	1100000
Chlorobenzene		1100000	U	220000	1100000
2-Chloro-1,3-butadiene		1100000	U	480000	1100000
Chlorodibromomethane		1100000	U	390000	1100000
Chloroethane		1100000	U	620000	1100000
Chloroform		1100000	U	250000	1100000
Chloromethane		1100000	U	230000	1100000
3-Chloro-1-propene		1100000	U	500000	1100000
cis-1,3-Dichloropropene		1100000	U	190000	1100000
1,2-Dibromo-3-Chloropropane		2300000	U	1000000	2300000
Dibromomethane		1100000	U	390000	1100000
Dichlorobromomethane		1100000	U	220000	1100000
Dichlorodifluoromethane		1100000	U	210000	1100000
1,1-Dichloroethane		1100000	U	250000	1100000
1,2-Dichloroethane		1100000	U	250000	1100000
1,1-Dichloroethene		1100000	U	340000	1100000
1,2-Dichloropropane		1100000	U	200000	1100000
Ethylbenzene		1100000	U	300000	1100000
Ethylene Dibromide		1100000	U	340000	1100000
Ethyl methacrylate		1100000	U	780000	1100000
2-Hexanone		5700000	U	750000	5700000
Iodomethane		1100000	U	410000	1100000
Isobutyl alcohol		46000000	U	12000000	46000000
Methacrylonitrile		23000000	U	5200000	23000000
Methylene Chloride		1100000	U	220000	1100000
Methyl methacrylate		2300000	U	1000000	2300000
4-Methyl-2-pentanone (MIBK)		5700000	U	960000	5700000
Pentachloroethane		5700000	U	1400000	5700000
Propionitrile		23000000	U	5900000	23000000
Styrene		1100000	U	210000	1100000
1,1,1,2-Tetrachloroethane		1100000	U	550000	1100000
1,1,2,2-Tetrachloroethane		1100000	U	360000	1100000
Tetrachloroethene		1100000	U	430000	1100000
Toluene		9400000		190000	1100000
trans-1,4-Dichloro-2-butene		2300000	U	660000	2300000
trans-1,2-Dichloroethene		1100000	U	140000	1100000
trans-1,3-Dichloropropene		1100000	U	200000	1100000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-LS**

Lab Sample ID: 680-56861-22 Date Sampled: 04/16/2010 0850
Client Matrix: Solid % Moisture: 66.8 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0503.d
Dilution:	50000			Initial Weight/Volume:	3.3 g
Date Analyzed:	04/26/2010 1620			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		1100000	U	130000	1100000
1,1,2-Trichloroethane		1100000	U	300000	1100000
Trichloroethene		1100000	U	300000	1100000
Trichlorofluoromethane		1100000	U	270000	1100000
1,2,3-Trichloropropane		1100000	U	550000	1100000
Vinyl acetate		2300000	U	570000	2300000
Vinyl chloride		1100000	U	340000	1100000
Xylenes, Total		2300000	U	250000	2300000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-US**

Lab Sample ID: 680-56861-23 Date Sampled: 04/16/2010 0930
Client Matrix: Solid % Moisture: 78.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0504.d
Dilution:	1000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/26/2010 1643			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		370000	U	81000	370000
Acetonitrile		1500000	U	300000	1500000
Acrolein		730000	U	180000	730000
Acrylonitrile		730000	U	250000	730000
Benzene		12000	J	5400	37000
Bromoform		37000	U	11000	37000
Bromomethane		37000	U	11000	37000
2-Butanone (MEK)		180000	U	18000	180000
Carbon disulfide		37000	U	8100	37000
Carbon tetrachloride		37000	U	6100	37000
Chlorobenzene		37000	U	7000	37000
2-Chloro-1,3-butadiene		37000	U	15000	37000
Chlorodibromomethane		37000	U	12000	37000
Chloroethane		37000	U	20000	37000
Chloroform		37000	U	8100	37000
Chloromethane		37000	U	7300	37000
3-Chloro-1-propene		37000	U	16000	37000
cis-1,3-Dichloropropene		37000	U	6100	37000
1,2-Dibromo-3-Chloropropane		73000	U	32000	73000
Dibromomethane		37000	U	12000	37000
Dichlorobromomethane		37000	U	7100	37000
Dichlorodifluoromethane		37000	U	6900	37000
1,1-Dichloroethane		37000	U	8100	37000
1,2-Dichloroethane		37000	U	8100	37000
1,1-Dichloroethene		37000	U	11000	37000
1,2-Dichloropropane		37000	U	6300	37000
Ethylbenzene		37000	U	9500	37000
Ethylene Dibromide		37000	U	11000	37000
Ethyl methacrylate		37000	U	25000	37000
2-Hexanone		180000	U	24000	180000
Iodomethane		37000	U	13000	37000
Isobutyl alcohol		1500000	U	380000	1500000
Methacrylonitrile		730000	U	170000	730000
Methylene Chloride		37000	U	7200	37000
Methyl methacrylate		73000	U	33000	73000
4-Methyl-2-pentanone (MIBK)		180000	U	31000	180000
Pentachloroethane		180000	U	46000	180000
Propionitrile		730000	U	190000	730000
Styrene		37000	U	6800	37000
1,1,1,2-Tetrachloroethane		37000	U	18000	37000
1,1,2,2-Tetrachloroethane		37000	U	12000	37000
Tetrachloroethene		37000	U	14000	37000
Toluene		640000		6200	37000
trans-1,4-Dichloro-2-butene		73000	U	21000	73000
trans-1,2-Dichloroethene		37000	U	4600	37000
trans-1,3-Dichloropropene		37000	U	6400	37000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-US**

Lab Sample ID: 680-56861-23 Date Sampled: 04/16/2010 0930
Client Matrix: Solid % Moisture: 78.7 Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166737		Instrument ID:	MSM
Preparation:	5035	Prep Batch: 680-166108		Lab File ID:	m0504.d
Dilution:	1000			Initial Weight/Volume:	3.2 g
Date Analyzed:	04/26/2010 1643			Final Weight/Volume:	5 g
Date Prepared:	04/19/2010 1610				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		37000	U	4300	37000
1,1,2-Trichloroethane		37000	U	9500	37000
Trichloroethene		37000	U	9500	37000
Trichlorofluoromethane		37000	U	8800	37000
1,2,3-Trichloropropane		37000	U	18000	37000
Vinyl acetate		73000	U	18000	73000
Vinyl chloride		37000	U	11000	37000
Xylenes, Total		73000	U	8100	73000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	0	D	65 - 124
Dibromofluoromethane	0	D	65 - 124
Toluene-d8 (Surr)	0	D	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **FB-1**

Lab Sample ID: 680-56861-24FB Date Sampled: 04/15/2010 1735
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0101.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1451 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1451

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.4	J	5.0	25
Acetonitrile	40	U	10	40
Acrolein	20	U	7.4	20
Acrylonitrile	20	U	7.2	20
Benzene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.50	1.0
Bromomethane	1.0	U	0.80	1.0
2-Butanone (MEK)	1.5	J	1.0	10
Carbon disulfide	2.0	U *	0.60	2.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.25	1.0
2-Chloro-1,3-butadiene	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.10	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.14	1.0
Chloromethane	1.0	U	0.33	1.0
3-Chloro-1-propene	1.0	U	0.20	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.44	1.0
Dibromomethane	1.0	U	0.20	1.0
Dichlorobromomethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.25	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.11	1.0
1,2-Dichloropropane	1.0	U	0.13	1.0
Ethylbenzene	0.18	J	0.11	1.0
Ethylene Dibromide	1.0	U	0.25	1.0
Ethyl methacrylate	1.0	U	0.25	1.0
2-Hexanone	10	U	1.0	10
Iodomethane	5.0	U	1.0	5.0
Isobutyl alcohol	40	U	11	40
Methacrylonitrile	20	U	3.3	20
Methylene Chloride	5.0	U	1.0	5.0
Methyl methacrylate	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	10	U	1.0	10
Pentachloroethane	5.0	U	1.2	5.0
Propionitrile	20	U	4.6	20
Styrene	1.0	U	0.11	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.15	1.0
Toluene	2.7		0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.50	2.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **FB-1**

Lab Sample ID: 680-56861-24FB Date Sampled: 04/15/2010 1735
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0101.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1451 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1451

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.50	1.0
1,1,2-Trichloroethane	1.0	U	0.13	1.0
Trichloroethene	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
1,2,3-Trichloropropane	1.0	U	0.41	1.0
Vinyl acetate	2.0	U	0.28	2.0
Vinyl chloride	1.0	U	0.18	1.0
Xylenes, Total	0.39	J	0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	91		75 - 121
Toluene-d8 (Surr)	103		75 - 120

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **FB-2**

Lab Sample ID: 680-56861-25FB Date Sampled: 04/16/2010 0945
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0103.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1521 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1521

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.7	J	5.0	25
Acetonitrile	40	U	10	40
Acrolein	20	U	7.4	20
Acrylonitrile	20	U	7.2	20
Benzene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.50	1.0
Bromomethane	1.0	U	0.80	1.0
2-Butanone (MEK)	1.7	J	1.0	10
Carbon disulfide	2.0	U *	0.60	2.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.25	1.0
2-Chloro-1,3-butadiene	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.10	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.14	1.0
Chloromethane	1.0	U	0.33	1.0
3-Chloro-1-propene	1.0	U	0.20	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.44	1.0
Dibromomethane	1.0	U	0.20	1.0
Dichlorobromomethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.25	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.11	1.0
1,2-Dichloropropane	1.0	U	0.13	1.0
Ethylbenzene	0.14	J	0.11	1.0
Ethylene Dibromide	1.0	U	0.25	1.0
Ethyl methacrylate	1.0	U	0.25	1.0
2-Hexanone	10	U	1.0	10
Iodomethane	5.0	U	1.0	5.0
Isobutyl alcohol	40	U	11	40
Methacrylonitrile	20	U	3.3	20
Methylene Chloride	5.0	U	1.0	5.0
Methyl methacrylate	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	10	U	1.0	10
Pentachloroethane	5.0	U	1.2	5.0
Propionitrile	20	U	4.6	20
Styrene	1.0	U	0.11	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.15	1.0
Toluene	2.5		0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.50	2.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **FB-2**

Lab Sample ID: 680-56861-25FB Date Sampled: 04/16/2010 0945
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0103.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1521 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1521

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.50	1.0
1,1,2-Trichloroethane	1.0	U	0.13	1.0
Trichloroethene	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
1,2,3-Trichloropropane	1.0	U	0.41	1.0
Vinyl acetate	2.0	U	0.28	2.0
Vinyl chloride	1.0	U	0.18	1.0
Xylenes, Total	0.40	J	0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		75 - 120
Dibromofluoromethane	93		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **TB-1**

Lab Sample ID: 680-56861-26TB Date Sampled: 04/14/2010 0000
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0105.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1551 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1551

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.0	J	5.0	25
Acetonitrile	40	U	10	40
Acrolein	20	U	7.4	20
Acrylonitrile	20	U	7.2	20
Benzene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.50	1.0
Bromomethane	1.0	U	0.80	1.0
2-Butanone (MEK)	10	U	1.0	10
Carbon disulfide	2.0	U *	0.60	2.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.25	1.0
2-Chloro-1,3-butadiene	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.10	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.14	1.0
Chloromethane	1.0	U	0.33	1.0
3-Chloro-1-propene	1.0	U	0.20	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.44	1.0
Dibromomethane	1.0	U	0.20	1.0
Dichlorobromomethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.25	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.11	1.0
1,2-Dichloropropane	1.0	U	0.13	1.0
Ethylbenzene	1.0	U	0.11	1.0
Ethylene Dibromide	1.0	U	0.25	1.0
Ethyl methacrylate	1.0	U	0.25	1.0
2-Hexanone	10	U	1.0	10
Iodomethane	5.0	U	1.0	5.0
Isobutyl alcohol	40	U	11	40
Methacrylonitrile	20	U	3.3	20
Methylene Chloride	5.0	U	1.0	5.0
Methyl methacrylate	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	10	U	1.0	10
Pentachloroethane	5.0	U	1.2	5.0
Propionitrile	20	U	4.6	20
Styrene	1.0	U	0.11	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.15	1.0
Toluene	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.50	2.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **TB-1**

Lab Sample ID: 680-56861-26TB Date Sampled: 04/14/2010 0000
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-166185	Instrument ID:	MSP
Preparation:	5030B		Lab File ID:	p0105.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	04/20/2010 1551		Final Weight/Volume:	5 mL
Date Prepared:	04/20/2010 1551			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.50	1.0
1,1,2-Trichloroethane	1.0	U	0.13	1.0
Trichloroethene	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
1,2,3-Trichloropropane	1.0	U	0.41	1.0
Vinyl acetate	2.0	U	0.28	2.0
Vinyl chloride	1.0	U	0.18	1.0
Xylenes, Total	2.0	U	0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		75 - 120
Dibromofluoromethane	90		75 - 121
Toluene-d8 (Surr)	102		75 - 120

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **TB-2**

Lab Sample ID: 680-56861-27TB Date Sampled: 04/15/2010 0000
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0107.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1621 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1621

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	25	U	5.0	25
Acetonitrile	40	U	10	40
Acrolein	20	U	7.4	20
Acrylonitrile	20	U	7.2	20
Benzene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.50	1.0
Bromomethane	1.0	U	0.80	1.0
2-Butanone (MEK)	10	U	1.0	10
Carbon disulfide	2.0	U *	0.60	2.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.25	1.0
2-Chloro-1,3-butadiene	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.10	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.14	1.0
Chloromethane	1.0	U	0.33	1.0
3-Chloro-1-propene	1.0	U	0.20	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.44	1.0
Dibromomethane	1.0	U	0.20	1.0
Dichlorobromomethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.25	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.11	1.0
1,2-Dichloropropane	1.0	U	0.13	1.0
Ethylbenzene	1.0	U	0.11	1.0
Ethylene Dibromide	1.0	U	0.25	1.0
Ethyl methacrylate	1.0	U	0.25	1.0
2-Hexanone	10	U	1.0	10
Iodomethane	5.0	U	1.0	5.0
Isobutyl alcohol	40	U	11	40
Methacrylonitrile	20	U	3.3	20
Methylene Chloride	5.0	U	1.0	5.0
Methyl methacrylate	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	10	U	1.0	10
Pentachloroethane	5.0	U	1.2	5.0
Propionitrile	20	U	4.6	20
Styrene	1.0	U	0.11	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.15	1.0
Toluene	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.50	2.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **TB-2**

Lab Sample ID: 680-56861-27TB Date Sampled: 04/15/2010 0000
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0107.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1621 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1621

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.50	1.0
1,1,2-Trichloroethane	1.0	U	0.13	1.0
Trichloroethene	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
1,2,3-Trichloropropane	1.0	U	0.41	1.0
Vinyl acetate	2.0	U	0.28	2.0
Vinyl chloride	1.0	U	0.18	1.0
Xylenes, Total	2.0	U	0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	98		75 - 120
Dibromofluoromethane	93		75 - 121
Toluene-d8 (Surr)	102		75 - 120

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **RB-1**

Lab Sample ID: 680-56861-28RB Date Sampled: 04/16/2010 1000
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0109.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1652 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1652

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.5	J	5.0	25
Acetonitrile	40	U	10	40
Acrolein	20	U	7.4	20
Acrylonitrile	20	U	7.2	20
Benzene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.50	1.0
Bromomethane	1.0	U	0.80	1.0
2-Butanone (MEK)	1.2	J	1.0	10
Carbon disulfide	2.0	U *	0.60	2.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.25	1.0
2-Chloro-1,3-butadiene	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.10	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.14	1.0
Chloromethane	1.0	U	0.33	1.0
3-Chloro-1-propene	1.0	U	0.20	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.44	1.0
Dibromomethane	1.0	U	0.20	1.0
Dichlorobromomethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.25	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.11	1.0
1,2-Dichloropropane	1.0	U	0.13	1.0
Ethylbenzene	1.0	U	0.11	1.0
Ethylene Dibromide	1.0	U	0.25	1.0
Ethyl methacrylate	1.0	U	0.25	1.0
2-Hexanone	10	U	1.0	10
Iodomethane	5.0	U	1.0	5.0
Isobutyl alcohol	40	U	11	40
Methacrylonitrile	20	U	3.3	20
Methylene Chloride	5.0	U	1.0	5.0
Methyl methacrylate	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	10	U	1.0	10
Pentachloroethane	5.0	U	1.2	5.0
Propionitrile	20	U	4.6	20
Styrene	1.0	U	0.11	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.15	1.0
Toluene	1.3		0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.50	2.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **RB-1**

Lab Sample ID: 680-56861-28RB Date Sampled: 04/16/2010 1000
Client Matrix: Water Date Received: 04/17/2010 1045

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-166185 Instrument ID: MSP
Preparation: 5030B Lab File ID: p0109.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/20/2010 1652 Final Weight/Volume: 5 mL
Date Prepared: 04/20/2010 1652

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.50	1.0
1,1,2-Trichloroethane	1.0	U	0.13	1.0
Trichloroethene	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
1,2,3-Trichloropropane	1.0	U	0.41	1.0
Vinyl acetate	2.0	U	0.28	2.0
Vinyl chloride	1.0	U	0.18	1.0
Xylenes, Total	2.0	U	0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		75 - 120
Dibromofluoromethane	92		75 - 121
Toluene-d8 (Surr)	103		75 - 120

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-LS**

Lab Sample ID: 680-56861-1 Date Sampled: 04/14/2010 0950
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1006.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	05/03/2010 1733			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		71000	U	8800	71000
Acenaphthylene		71000	U	7700	71000
Acetophenone		71000	U	6000	71000
2-Acetylaminofluorene		71000	U	6000	71000
alpha,alpha-Dimethyl phenethylamine		14000000	U	580000	14000000
4-Aminobiphenyl		71000	U	7900	71000
Aniline		140000	U	7300	140000
Anthracene		71000	U	5400	71000
Aramite, Total		71000	U	12000	71000
Benzo[a]anthracene		71000	U	5800	71000
Benzo[a]pyrene		71000	U	11000	71000
Benzo[b]fluoranthene		71000	U	8100	71000
Benzo[g,h,i]perylene		32000	J	4700	71000
Benzo[k]fluoranthene		71000	U	14000	71000
Benzyl alcohol		71000	U	7100	71000
1,1'-Biphenyl		1100000		6000	71000
Bis(2-chloroethoxy)methane		71000	U	8400	71000
Bis(2-chloroethyl)ether		71000	U	9600	71000
bis(chloroisopropyl) ether		71000	U	6400	71000
Bis(2-ethylhexyl) phthalate		71000	U	7100	71000
4-Bromophenyl phenyl ether		71000	U	7700	71000
Butyl benzyl phthalate		71000	U	5600	71000
4-Chloroaniline		140000	U	11000	140000
4-Chloro-3-methylphenol		71000	U	7500	71000
2-Chloronaphthalene		71000	U	8400	71000
2-Chlorophenol		71000	U	8600	71000
4-Chlorophenyl phenyl ether		71000	U	7900	71000
Chrysene		71000	U	4500	71000
Diallate		71000	U	36000	71000
Dibenz(a,h)anthracene		34000	J	5100	71000
Dibenzofuran		71000	U	7100	71000
1,2-Dichlorobenzene		71000	U	7900	71000
1,3-Dichlorobenzene		71000	U	7300	71000
1,4-Dichlorobenzene		71000	U	7500	71000
3,3'-Dichlorobenzidine		140000	U	6000	140000
2,4-Dichlorophenol		71000	U	7500	71000
2,6-Dichlorophenol		71000	U	5800	71000
Diethyl phthalate		71000	U	7500	71000
Dimethoate		27000	J	5400	71000
7,12-Dimethylbenz(a)anthracene		71000	U	3600	71000
3,3'-Dimethylbenzidine		360000	U	180000	360000
2,4-Dimethylphenol		71000	U	9400	71000
Dimethyl phthalate		71000	U	7300	71000
Di-n-butyl phthalate		71000	U	6400	71000
1,3-Dinitrobenzene		71000	U	5100	71000
4,6-Dinitro-2-methylphenol		360000	U	36000	360000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-LS**

Lab Sample ID: 680-56861-1 Date Sampled: 04/14/2010 0950
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1006.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	05/03/2010 1733			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		360000	U	180000	360000
2,4-Dinitrotoluene		71000	U	10000	71000
2,6-Dinitrotoluene		71000	U	9000	71000
Di-n-octyl phthalate		71000	U	6200	71000
Dinoseb		71000	U	34000	71000
1,4-Dioxane		71000	U	26000	71000
Disulfoton		71000	U	3600	71000
Ethyl methanesulfonate		71000	U	6600	71000
Ethyl Parathion		71000	U	4700	71000
Famphur		71000	U *	6200	71000
Fluoranthene		71000	U	6900	71000
Fluorene		71000	U	7700	71000
Hexachlorobenzene		71000	U	8400	71000
Hexachlorobutadiene		71000	U	7700	71000
Hexachlorocyclopentadiene		71000	U	8800	71000
Hexachloroethane		71000	U	6000	71000
Hexachlorophene		36000000	U	2800000	36000000
Hexachloropropene		71000	U *	6200	71000
Indeno[1,2,3-cd]pyrene		32000	J	6000	71000
Isophorone		71000	U	7100	71000
Isosafrole		71000	U	5100	71000
Methapyrilene		14000000	U	180000	14000000
3-Methylcholanthrene		71000	U	8800	71000
Methyl methanesulfonate		71000	U *	3600	71000
2-Methylnaphthalene		21000	J	8100	71000
Methyl parathion		71000	U	5600	71000
2-Methylphenol		71000	U	5800	71000
3 & 4 Methylphenol		12000	J	9200	71000
Naphthalene		8000	J	6400	71000
1,4-Naphthoquinone		71000	U *	3600	71000
1-Naphthylamine		71000	U *	14000	71000
2-Naphthylamine		71000	U	7300	71000
2-Nitroaniline		360000	U	9600	360000
3-Nitroaniline		360000	U	9900	360000
4-Nitroaniline		360000	U	10000	360000
Nitrobenzene		71000	U	5600	71000
2-Nitrophenol		71000	U	8800	71000
4-Nitrophenol		360000	U	71000	360000
4-Nitroquinoline-1-oxide		710000	U	180000	710000
N-Nitro-o-toluidine		71000	U	5600	71000
N-Nitrosodiethylamine		71000	U	6000	71000
N-Nitrosodimethylamine		71000	U	26000	71000
N-Nitrosodi-n-butylamine		71000	U	5100	71000
N-Nitrosodi-n-propylamine		71000	U	6900	71000
N-Nitrosodiphenylamine		71000	U	7100	71000
N-Nitrosomethylethylamine		71000	U	5400	71000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-LS**

Lab Sample ID: 680-56861-1 Date Sampled: 04/14/2010 0950
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1006.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	05/03/2010 1733			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		71000	U	5800	71000
N-Nitrosopiperidine		71000	U	4500	71000
N-Nitrosopyrrolidine		71000	U	3900	71000
o,o',o''-Triethylphosphorothioate		20000	J *	8600	71000
p-Dimethylamino azobenzene		71000	U	4100	71000
Pentachlorobenzene		71000	U	5400	71000
Pentachloronitrobenzene		71000	U	4500	71000
Pentachlorophenol		360000	U	71000	360000
Phenacetin		71000	U	7100	71000
Phenanthrene		6800	J	5800	71000
Phenol		71000	U	7300	71000
Phorate		71000	U *	4700	71000
2-Picoline		71000	U	3600	71000
p-Phenylene diamine		360000	U *	180000	360000
Pronamide		71000	U	5100	71000
Pyrene		71000	U	5800	71000
Pyridine		71000	U	6200	71000
Safrole, Total		71000	U	5100	71000
Sulfotepp		71000	U	4300	71000
1,2,4,5-Tetrachlorobenzene		71000	U	6600	71000
2,3,4,6-Tetrachlorophenol		71000	U	4700	71000
Thionazin		71000	U	4900	71000
2-Toluidine		71000	U	7500	71000
1,2,4-Trichlorobenzene		71000	U	6600	71000
2,4,5-Trichlorophenol		71000	U	7500	71000
2,4,6-Trichlorophenol		71000	U	6200	71000
1,3,5-Trinitrobenzene		71000	U	36000	71000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-LS**

Lab Sample ID: 680-56861-1 Date Sampled: 04/14/2010 0950
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167967		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1155.d
Dilution:	100			Initial Weight/Volume:	30.04 g
Date Analyzed:	05/10/2010 1028			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diphenyl ether		2500000		73000	710000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-NS**

Lab Sample ID: 680-56861-2 Date Sampled: 04/14/2010 1245
Client Matrix: Solid % Moisture: 21.3 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1007.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/03/2010 1758			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		770	J	520	4200
Acenaphthylene		4200	U	460	4200
Acetophenone		4200	U	360	4200
2-Acetylaminofluorene		4200	U	360	4200
alpha,alpha-Dimethyl phenethylamine		850000	U	34000	850000
4-Aminobiphenyl		4200	U	470	4200
Aniline		8400	U	430	8400
Anthracene		4200	U	320	4200
Aramite, Total		4200	U	720	4200
Benzo[a]anthracene		4200	U	340	4200
Benzo[a]pyrene		4200	U	660	4200
Benzo[b]fluoranthene		4200	U	480	4200
Benzo[g,h,i]perylene		910	J	280	4200
Benzo[k]fluoranthene		4200	U	820	4200
Benzyl alcohol		4200	U	420	4200
1,1'-Biphenyl		51000		360	4200
Bis(2-chloroethoxy)methane		4200	U	490	4200
Bis(2-chloroethyl)ether		4200	U	570	4200
bis(chloroisopropyl) ether		4200	U	380	4200
Bis(2-ethylhexyl) phthalate		4200	U	420	4200
4-Bromophenyl phenyl ether		4200	U	460	4200
Butyl benzyl phthalate		4200	U	330	4200
4-Chloroaniline		8400	U	660	8400
4-Chloro-3-methylphenol		4200	U	440	4200
2-Chloronaphthalene		4200	U	490	4200
2-Chlorophenol		4200	U	510	4200
4-Chlorophenyl phenyl ether		4200	U	470	4200
Chrysene		4200	U	270	4200
Diallate		4200	U	2200	4200
Dibenz(a,h)anthracene		800	J	300	4200
Dibenzofuran		510	J	420	4200
1,2-Dichlorobenzene		4200	U	470	4200
1,3-Dichlorobenzene		4200	U	430	4200
1,4-Dichlorobenzene		4200	U	440	4200
3,3'-Dichlorobenzidine		8400	U	360	8400
2,4-Dichlorophenol		4200	U	440	4200
2,6-Dichlorophenol		4200	U	340	4200
Diethyl phthalate		470	J	440	4200
Dimethoate		4200	U	320	4200
7,12-Dimethylbenz(a)anthracene		4200	U	220	4200
3,3'-Dimethylbenzidine		22000	U	11000	22000
2,4-Dimethylphenol		4200	U	560	4200
Dimethyl phthalate		4200	U	430	4200
Di-n-butyl phthalate		4200	U	380	4200
1,3-Dinitrobenzene		4200	U	300	4200
4,6-Dinitro-2-methylphenol		22000	U	2200	22000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-NS**

Lab Sample ID: 680-56861-2 Date Sampled: 04/14/2010 1245
Client Matrix: Solid % Moisture: 21.3 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1007.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/03/2010 1758			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		22000	U	11000	22000
2,4-Dinitrotoluene		4200	U	620	4200
2,6-Dinitrotoluene		4200	U	530	4200
Di-n-octyl phthalate		4200	U	370	4200
Dinoseb		4200	U	2000	4200
1,4-Dioxane		4200	U	1500	4200
Disulfoton		4200	U	220	4200
Ethyl methanesulfonate		4200	U	390	4200
Ethyl Parathion		4200	U	280	4200
Famphur		4200	U *	370	4200
Fluoranthene		4200	U	410	4200
Fluorene		500	J	460	4200
Hexachlorobenzene		4200	U	490	4200
Hexachlorobutadiene		4200	U	460	4200
Hexachlorocyclopentadiene		4200	U	520	4200
Hexachloroethane		4200	U	360	4200
Hexachlorophene		2200000	U	160000	2200000
Hexachloropropene		4200	U *	370	4200
Indeno[1,2,3-cd]pyrene		720	J	360	4200
Isophorone		4200	U	420	4200
Isosafrole		4200	U	300	4200
Methapyrilene		850000	U	11000	850000
3-Methylcholanthrene		4200	U	520	4200
Methyl methanesulfonate		4200	U *	220	4200
2-Methylnaphthalene		680	J	480	4200
Methyl parathion		4200	U	330	4200
2-Methylphenol		4200	U	340	4200
3 & 4 Methylphenol		1600	J	550	4200
Naphthalene		2000	J	380	4200
1,4-Naphthoquinone		4200	U *	220	4200
1-Naphthylamine		4200	U *	840	4200
2-Naphthylamine		4200	U	430	4200
2-Nitroaniline		22000	U	570	22000
3-Nitroaniline		22000	U	580	22000
4-Nitroaniline		22000	U	620	22000
Nitrobenzene		4200	U	330	4200
2-Nitrophenol		4200	U	520	4200
4-Nitrophenol		22000	U	4200	22000
4-Nitroquinoline-1-oxide		42000	U	11000	42000
N-Nitro-o-toluidine		4200	U	330	4200
N-Nitrosodiethylamine		4200	U	360	4200
N-Nitrosodimethylamine		4200	U	1500	4200
N-Nitrosodi-n-butylamine		4200	U	300	4200
N-Nitrosodi-n-propylamine		4200	U	410	4200
N-Nitrosodiphenylamine		4200	U	420	4200
N-Nitrosomethylethylamine		4200	U	320	4200

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-NS**

Lab Sample ID: 680-56861-2 Date Sampled: 04/14/2010 1245
Client Matrix: Solid % Moisture: 21.3 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1007.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/03/2010 1758			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		4200	U	340	4200
N-Nitrosopiperidine		4200	U	270	4200
N-Nitrosopyrrolidine		4200	U	230	4200
o,o',o''-Triethylphosphorothioate		1200	J *	510	4200
p-Dimethylamino azobenzene		4200	U	240	4200
Pentachlorobenzene		4200	U	320	4200
Pentachloronitrobenzene		4200	U	270	4200
Pentachlorophenol		22000	U	4200	22000
Phenacetin		4200	U	420	4200
Phenanthrene		1100	J	340	4200
Phenol		4200	U	430	4200
Phorate		4200	U *	280	4200
2-Picoline		4200	U	220	4200
p-Phenylene diamine		22000	U *	11000	22000
Pronamide		4200	U	300	4200
Pyrene		4200	U	340	4200
Pyridine		4200	U	370	4200
Safrole, Total		4200	U	300	4200
Sulfotepp		4200	U	250	4200
1,2,4,5-Tetrachlorobenzene		4200	U	390	4200
2,3,4,6-Tetrachlorophenol		4200	U	280	4200
Thionazin		4200	U	290	4200
2-Toluidine		4200	U	440	4200
1,2,4-Trichlorobenzene		4200	U	390	4200
2,4,5-Trichlorophenol		4200	U	440	4200
2,4,6-Trichlorophenol		4200	U	370	4200
1,3,5-Trinitrobenzene		4200	U	2200	4200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-NS**

Lab Sample ID: 680-56861-2 Date Sampled: 04/14/2010 1245
Client Matrix: Solid % Moisture: 21.3 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167967		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1156.d
Dilution:	100			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/10/2010 1052			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diphenyl ether		140000		4300	42000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-LS**

Lab Sample ID: 680-56861-3 Date Sampled: 04/14/2010 1255
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1008.d
Dilution:	10			Initial Weight/Volume:	30.06 g
Date Analyzed:	05/03/2010 1822			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		10000	J	8800	71000
Acenaphthylene		71000	U	7700	71000
Acetophenone		71000	U	6000	71000
2-Acetylaminofluorene		71000	U	6000	71000
alpha,alpha-Dimethyl phenethylamine		14000000	U	580000	14000000
4-Aminobiphenyl		71000	U	7900	71000
Aniline		140000	U	7300	140000
Anthracene		71000	U	5400	71000
Aramite, Total		71000	U	12000	71000
Benzo[a]anthracene		71000	U	5800	71000
Benzo[a]pyrene		71000	U	11000	71000
Benzo[b]fluoranthene		71000	U	8100	71000
Benzo[g,h,i]perylene		71000	U	4700	71000
Benzo[k]fluoranthene		71000	U	14000	71000
Benzyl alcohol		71000	U	7100	71000
1,1'-Biphenyl		1000000		6000	71000
Bis(2-chloroethoxy)methane		71000	U	8400	71000
Bis(2-chloroethyl)ether		71000	U	9600	71000
bis(chloroisopropyl) ether		71000	U	6400	71000
Bis(2-ethylhexyl) phthalate		71000	U	7100	71000
4-Bromophenyl phenyl ether		71000	U	7700	71000
Butyl benzyl phthalate		71000	U	5600	71000
4-Chloroaniline		140000	U	11000	140000
4-Chloro-3-methylphenol		71000	U	7500	71000
2-Chloronaphthalene		71000	U	8400	71000
2-Chlorophenol		71000	U	8600	71000
4-Chlorophenyl phenyl ether		71000	U	7900	71000
Chrysene		71000	U	4500	71000
Diallate		71000	U	36000	71000
Dibenz(a,h)anthracene		71000	U	5100	71000
Dibenzofuran		7900	J	7100	71000
1,2-Dichlorobenzene		71000	U	7900	71000
1,3-Dichlorobenzene		71000	U	7300	71000
1,4-Dichlorobenzene		71000	U	7500	71000
3,3'-Dichlorobenzidine		140000	U	6000	140000
2,4-Dichlorophenol		71000	U	7500	71000
2,6-Dichlorophenol		71000	U	5800	71000
Diethyl phthalate		71000	U	7500	71000
Dimethoate		71000	U	5400	71000
7,12-Dimethylbenz(a)anthracene		71000	U	3600	71000
3,3'-Dimethylbenzidine		360000	U	180000	360000
2,4-Dimethylphenol		71000	U	9400	71000
Dimethyl phthalate		71000	U	7300	71000
Di-n-butyl phthalate		71000	U	6400	71000
1,3-Dinitrobenzene		71000	U	5100	71000
4,6-Dinitro-2-methylphenol		360000	U	36000	360000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-LS**

Lab Sample ID: 680-56861-3 Date Sampled: 04/14/2010 1255
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1008.d
Dilution:	10			Initial Weight/Volume:	30.06 g
Date Analyzed:	05/03/2010 1822			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		360000	U	180000	360000
2,4-Dinitrotoluene		71000	U	10000	71000
2,6-Dinitrotoluene		71000	U	9000	71000
Di-n-octyl phthalate		71000	U	6200	71000
Dinoseb		71000	U	34000	71000
1,4-Dioxane		71000	U	26000	71000
Disulfoton		71000	U	3600	71000
Ethyl methanesulfonate		71000	U	6600	71000
Ethyl Parathion		71000	U	4700	71000
Famphur		71000	U *	6200	71000
Fluoranthene		71000	U	6900	71000
Fluorene		71000	U	7700	71000
Hexachlorobenzene		71000	U	8400	71000
Hexachlorobutadiene		71000	U	7700	71000
Hexachlorocyclopentadiene		71000	U	8800	71000
Hexachloroethane		71000	U	6000	71000
Hexachlorophene		36000000	U	2800000	36000000
Hexachloropropene		71000	U *	6200	71000
Indeno[1,2,3-cd]pyrene		71000	U	6000	71000
Isophorone		71000	U	7100	71000
Isosafrole		71000	U	5100	71000
Methapyrilene		14000000	U	180000	14000000
3-Methylcholanthrene		71000	U	8800	71000
Methyl methanesulfonate		71000	U *	3600	71000
2-Methylnaphthalene		9800	J	8100	71000
Methyl parathion		71000	U	5600	71000
2-Methylphenol		71000	U	5800	71000
3 & 4 Methylphenol		71000	U	9200	71000
Naphthalene		35000	J	6400	71000
1,4-Naphthoquinone		71000	U *	3600	71000
1-Naphthylamine		71000	U *	14000	71000
2-Naphthylamine		71000	U	7300	71000
2-Nitroaniline		360000	U	9600	360000
3-Nitroaniline		360000	U	9900	360000
4-Nitroaniline		360000	U	10000	360000
Nitrobenzene		71000	U	5600	71000
2-Nitrophenol		71000	U	8800	71000
4-Nitrophenol		360000	U	71000	360000
4-Nitroquinoline-1-oxide		710000	U	180000	710000
N-Nitro-o-toluidine		71000	U	5600	71000
N-Nitrosodiethylamine		71000	U	6000	71000
N-Nitrosodimethylamine		71000	U	26000	71000
N-Nitrosodi-n-butylamine		71000	U	5100	71000
N-Nitrosodi-n-propylamine		71000	U	6900	71000
N-Nitrosodiphenylamine		71000	U	7100	71000
N-Nitrosomethylethylamine		71000	U	5400	71000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-LS**

Lab Sample ID: 680-56861-3 Date Sampled: 04/14/2010 1255
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1008.d
Dilution:	10			Initial Weight/Volume:	30.06 g
Date Analyzed:	05/03/2010 1822			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		71000	U	5800	71000
N-Nitrosopiperidine		71000	U	4500	71000
N-Nitrosopyrrolidine		71000	U	3900	71000
o,o',o''-Triethylphosphorothioate		71000	U *	8600	71000
p-Dimethylamino azobenzene		71000	U	4100	71000
Pentachlorobenzene		71000	U	5400	71000
Pentachloronitrobenzene		71000	U	4500	71000
Pentachlorophenol		360000	U	71000	360000
Phenacetin		71000	U	7100	71000
Phenanthrene		11000	J	5800	71000
Phenol		71000	U	7300	71000
Phorate		71000	U *	4700	71000
2-Picoline		71000	U	3600	71000
p-Phenylene diamine		360000	U *	180000	360000
Pronamide		71000	U	5100	71000
Pyrene		71000	U	5800	71000
Pyridine		71000	U	6200	71000
Safrole, Total		71000	U	5100	71000
Sulfotepp		71000	U	4300	71000
1,2,4,5-Tetrachlorobenzene		71000	U	6600	71000
2,3,4,6-Tetrachlorophenol		71000	U	4700	71000
Thionazin		71000	U	4900	71000
2-Toluidine		71000	U	7500	71000
1,2,4-Trichlorobenzene		71000	U	6600	71000
2,4,5-Trichlorophenol		71000	U	7500	71000
2,4,6-Trichlorophenol		71000	U	6200	71000
1,3,5-Trinitrobenzene		71000	U	36000	71000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-LS**

Lab Sample ID: 680-56861-3 Date Sampled: 04/14/2010 1255
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167967		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1157.d
Dilution:	100			Initial Weight/Volume:	30.06 g
Date Analyzed:	05/10/2010 1116			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diphenyl ether		2400000		73000	710000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-NS**

Lab Sample ID: 680-56861-4 Date Sampled: 04/14/2010 1715
Client Matrix: Solid % Moisture: 12.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1016a.d
Dilution:	100			Initial Weight/Volume:	30.10 g
Date Analyzed:	05/04/2010 1506			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		38000	U	4700	38000
Acenaphthylene		38000	U	4100	38000
Acetophenone		38000	U	3200	38000
2-Acetylaminofluorene		38000	U	3200	38000
alpha,alpha-Dimethyl phenethylamine		7600000	U	310000	7600000
4-Aminobiphenyl		38000	U	4200	38000
Aniline		75000	U	3900	75000
Anthracene		38000	U	2800	38000
Aramite, Total		38000	U	6500	38000
Benzo[a]anthracene		38000	U	3100	38000
Benzo[a]pyrene		38000	U	5900	38000
Benzo[b]fluoranthene		38000	U	4300	38000
Benzo[g,h,i]perylene		38000	U	2500	38000
Benzo[k]fluoranthene		38000	U	7400	38000
Benzyl alcohol		38000	U	3800	38000
1,1'-Biphenyl		360000		3200	38000
Bis(2-chloroethoxy)methane		38000	U	4400	38000
Bis(2-chloroethyl)ether		38000	U	5100	38000
bis(chloroisopropyl) ether		38000	U	3400	38000
Bis(2-ethylhexyl) phthalate		38000	U	3800	38000
4-Bromophenyl phenyl ether		38000	U	4100	38000
Butyl benzyl phthalate		38000	U	3000	38000
4-Chloroaniline		75000	U	5900	75000
4-Chloro-3-methylphenol		38000	U	4000	38000
2-Chloronaphthalene		38000	U	4400	38000
2-Chlorophenol		38000	U	4600	38000
4-Chlorophenyl phenyl ether		38000	U	4200	38000
Chrysene		38000	U	2400	38000
Diallate		38000	U	19000	38000
Dibenz(a,h)anthracene		38000	U	2700	38000
Dibenzofuran		38000	U	3800	38000
1,2-Dichlorobenzene		38000	U	4200	38000
1,3-Dichlorobenzene		38000	U	3900	38000
1,4-Dichlorobenzene		38000	U	4000	38000
3,3'-Dichlorobenzidine		75000	U	3200	75000
2,4-Dichlorophenol		38000	U	4000	38000
2,6-Dichlorophenol		38000	U	3100	38000
Diethyl phthalate		38000	U	4000	38000
Dimethoate		38000	U	2800	38000
7,12-Dimethylbenz(a)anthracene		38000	U	1900	38000
3,3'-Dimethylbenzidine		190000	U	95000	190000
2,4-Dimethylphenol		38000	U	5000	38000
Dimethyl phthalate		38000	U	3900	38000
Di-n-butyl phthalate		38000	U	3400	38000
1,3-Dinitrobenzene		38000	U	2700	38000
4,6-Dinitro-2-methylphenol		190000	U	19000	190000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-NS**

Lab Sample ID: 680-56861-4 Date Sampled: 04/14/2010 1715
Client Matrix: Solid % Moisture: 12.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1016a.d
Dilution:	100			Initial Weight/Volume:	30.10 g
Date Analyzed:	05/04/2010 1506			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		190000	U	94000	190000
2,4-Dinitrotoluene		38000	U	5600	38000
2,6-Dinitrotoluene		38000	U	4800	38000
Di-n-octyl phthalate		38000	U	3300	38000
Dinoseb		38000	U	18000	38000
1,4-Dioxane		38000	U	14000	38000
Disulfoton		38000	U	1900	38000
Ethyl methanesulfonate		38000	U	3500	38000
Ethyl Parathion		38000	U	2500	38000
Famphur		38000	U	3300	38000
Fluoranthene		38000	U	3600	38000
Fluorene		38000	U	4100	38000
Hexachlorobenzene		38000	U	4400	38000
Hexachlorobutadiene		38000	U	4100	38000
Hexachlorocyclopentadiene		38000	U	4700	38000
Hexachloroethane		38000	U	3200	38000
Hexachlorophene		19000000	U	1500000	19000000
Hexachloropropene		38000	U	3300	38000
Indeno[1,2,3-cd]pyrene		38000	U	3200	38000
Isophorone		38000	U	3800	38000
Isosafrole		38000	U	2700	38000
Methapyrilene		7600000	U	94000	7600000
3-Methylcholanthrene		38000	U	4700	38000
Methyl methanesulfonate		38000	U	1900	38000
2-Methylnaphthalene		38000	U	4300	38000
Methyl parathion		38000	U	3000	38000
2-Methylphenol		38000	U	3100	38000
3 & 4 Methylphenol		38000	U	4900	38000
Naphthalene		38000	U	3400	38000
1,4-Naphthoquinone		38000	U	1900	38000
1-Naphthylamine		38000	U	7500	38000
2-Naphthylamine		38000	U	3900	38000
2-Nitroaniline		190000	U	5100	190000
3-Nitroaniline		190000	U	5200	190000
4-Nitroaniline		190000	U	5600	190000
Nitrobenzene		38000	U	3000	38000
2-Nitrophenol		38000	U	4700	38000
4-Nitrophenol		190000	U	38000	190000
4-Nitroquinoline-1-oxide		380000	U	94000	380000
N-Nitro-o-toluidine		38000	U	3000	38000
N-Nitrosodiethylamine		38000	U	3200	38000
N-Nitrosodimethylamine		38000	U	14000	38000
N-Nitrosodi-n-butylamine		38000	U	2700	38000
N-Nitrosodi-n-propylamine		38000	U	3600	38000
N-Nitrosodiphenylamine		38000	U	3800	38000
N-Nitrosomethylethylamine		38000	U	2800	38000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-NS**

Lab Sample ID: 680-56861-4 Date Sampled: 04/14/2010 1715
Client Matrix: Solid % Moisture: 12.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1016a.d
Dilution:	100			Initial Weight/Volume:	30.10 g
Date Analyzed:	05/04/2010 1506			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		38000	U	3100	38000
N-Nitrosopiperidine		38000	U	2400	38000
N-Nitrosopyrrolidine		38000	U	2000	38000
o,o',o''-Triethylphosphorothioate		38000	U	4600	38000
p-Dimethylamino azobenzene		38000	U	2200	38000
Pentachlorobenzene		38000	U	2800	38000
Pentachloronitrobenzene		38000	U	2400	38000
Pentachlorophenol		190000	U	38000	190000
Phenacetin		38000	U	3800	38000
Phenanthrene		38000	U	3100	38000
Phenol		38000	U	3900	38000
Phorate		38000	U	2500	38000
2-Picoline		38000	U	1900	38000
p-Phenylene diamine		190000	U	95000	190000
Pronamide		38000	U	2700	38000
Pyrene		38000	U	3100	38000
Pyridine		38000	U	3300	38000
Safrole, Total		38000	U	2700	38000
Sulfotepp		38000	U	2300	38000
1,2,4,5-Tetrachlorobenzene		38000	U	3500	38000
2,3,4,6-Tetrachlorophenol		38000	U	2500	38000
Thionazin		38000	U	2600	38000
2-Toluidine		38000	U	4000	38000
1,2,4-Trichlorobenzene		38000	U	3500	38000
2,4,5-Trichlorophenol		38000	U	4000	38000
2,4,6-Trichlorophenol		38000	U	3300	38000
1,3,5-Trinitrobenzene		38000	U	19000	38000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-NS**

Lab Sample ID: 680-56861-4 Date Sampled: 04/14/2010 1715
Client Matrix: Solid % Moisture: 12.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167967		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1158.d
Dilution:	200			Initial Weight/Volume:	30.10 g
Date Analyzed:	05/10/2010 1140			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diphenyl ether		1200000		7700	75000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-LS**

Lab Sample ID: 680-56861-5 Date Sampled: 04/14/2010 1735
Client Matrix: Solid % Moisture: 60.5 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1010.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/03/2010 1910			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		170000	U	21000	170000
Acenaphthylene		170000	U	18000	170000
Acetophenone		170000	U	14000	170000
2-Acetylaminofluorene		170000	U	14000	170000
alpha,alpha-Dimethyl phenethylamine		34000000	U	1400000	34000000
4-Aminobiphenyl		170000	U	19000	170000
Aniline		330000	U	17000	330000
Anthracene		170000	U	13000	170000
Aramite, Total		170000	U	29000	170000
Benzo[a]anthracene		170000	U	14000	170000
Benzo[a]pyrene		170000	U	26000	170000
Benzo[b]fluoranthene		170000	U	19000	170000
Benzo[g,h,i]perylene		170000	U	11000	170000
Benzo[k]fluoranthene		170000	U	33000	170000
Benzyl alcohol		170000	U	17000	170000
1,1'-Biphenyl		1600000		14000	170000
Bis(2-chloroethoxy)methane		170000	U	20000	170000
Bis(2-chloroethyl)ether		170000	U	23000	170000
bis(chloroisopropyl) ether		170000	U	15000	170000
Bis(2-ethylhexyl) phthalate		170000	U	17000	170000
4-Bromophenyl phenyl ether		170000	U	18000	170000
Butyl benzyl phthalate		170000	U	13000	170000
4-Chloroaniline		330000	U	26000	330000
4-Chloro-3-methylphenol		170000	U	18000	170000
2-Chloronaphthalene		170000	U	20000	170000
2-Chlorophenol		170000	U	20000	170000
4-Chlorophenyl phenyl ether		170000	U	19000	170000
Chrysene		170000	U	11000	170000
Diallate		170000	U	86000	170000
Dibenz(a,h)anthracene		170000	U	12000	170000
Dibenzofuran		170000	U	17000	170000
1,2-Dichlorobenzene		170000	U	19000	170000
1,3-Dichlorobenzene		170000	U	17000	170000
1,4-Dichlorobenzene		170000	U	18000	170000
3,3'-Dichlorobenzidine		330000	U	14000	330000
2,4-Dichlorophenol		170000	U	18000	170000
2,6-Dichlorophenol		170000	U	14000	170000
Diethyl phthalate		170000	U	18000	170000
Dimethoate		170000	U	13000	170000
7,12-Dimethylbenz(a)anthracene		170000	U	8600	170000
3,3'-Dimethylbenzidine		860000	U	420000	860000
2,4-Dimethylphenol		170000	U	22000	170000
Dimethyl phthalate		170000	U	17000	170000
Di-n-butyl phthalate		170000	U	15000	170000
1,3-Dinitrobenzene		170000	U	12000	170000
4,6-Dinitro-2-methylphenol		860000	U	86000	860000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-LS**

Lab Sample ID: 680-56861-5 Date Sampled: 04/14/2010 1735
Client Matrix: Solid % Moisture: 60.5 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1010.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/03/2010 1910			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		860000	U	420000	860000
2,4-Dinitrotoluene		170000	U	25000	170000
2,6-Dinitrotoluene		170000	U	21000	170000
Di-n-octyl phthalate		170000	U	15000	170000
Dinoseb		170000	U	81000	170000
1,4-Dioxane		170000	U	61000	170000
Disulfoton		170000	U	8600	170000
Ethyl methanesulfonate		170000	U	16000	170000
Ethyl Parathion		170000	U	11000	170000
Famphur		170000	U *	15000	170000
Fluoranthene		170000	U	16000	170000
Fluorene		170000	U	18000	170000
Hexachlorobenzene		170000	U	20000	170000
Hexachlorobutadiene		170000	U	18000	170000
Hexachlorocyclopentadiene		170000	U	21000	170000
Hexachloroethane		170000	U	14000	170000
Hexachlorophene		86000000	U	6600000	86000000
Hexachloropropene		170000	U *	15000	170000
Indeno[1,2,3-cd]pyrene		170000	U	14000	170000
Isophorone		170000	U	17000	170000
Isosafrole		170000	U	12000	170000
Methapyrilene		34000000	U	420000	34000000
3-Methylcholanthrene		170000	U	21000	170000
Methyl methanesulfonate		170000	U *	8600	170000
2-Methylnaphthalene		170000	U	19000	170000
Methyl parathion		170000	U	13000	170000
2-Methylphenol		170000	U	14000	170000
3 & 4 Methylphenol		170000	U	22000	170000
Naphthalene		170000	U	15000	170000
1,4-Naphthoquinone		170000	U *	8600	170000
1-Naphthylamine		170000	U *	33000	170000
2-Naphthylamine		170000	U	17000	170000
2-Nitroaniline		860000	U	23000	860000
3-Nitroaniline		860000	U	23000	860000
4-Nitroaniline		860000	U	25000	860000
Nitrobenzene		170000	U	13000	170000
2-Nitrophenol		170000	U	21000	170000
4-Nitrophenol		860000	U	170000	860000
4-Nitroquinoline-1-oxide		1700000	U	420000	1700000
N-Nitro-o-toluidine		170000	U	13000	170000
N-Nitrosodiethylamine		170000	U	14000	170000
N-Nitrosodimethylamine		170000	U	61000	170000
N-Nitrosodi-n-butylamine		170000	U	12000	170000
N-Nitrosodi-n-propylamine		170000	U	16000	170000
N-Nitrosodiphenylamine		170000	U	17000	170000
N-Nitrosomethylethylamine		170000	U	13000	170000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-LS**

Lab Sample ID: 680-56861-5 Date Sampled: 04/14/2010 1735
Client Matrix: Solid % Moisture: 60.5 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1010.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/03/2010 1910			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		170000	U	14000	170000
N-Nitrosopiperidine		170000	U	11000	170000
N-Nitrosopyrrolidine		170000	U	9100	170000
o,o',o''-Triethylphosphorothioate		170000	U *	20000	170000
p-Dimethylamino azobenzene		170000	U	9600	170000
Pentachlorobenzene		170000	U	13000	170000
Pentachloronitrobenzene		170000	U	11000	170000
Pentachlorophenol		860000	U	170000	860000
Phenacetin		170000	U	17000	170000
Phenanthrene		170000	U	14000	170000
Phenol		170000	U	17000	170000
Phorate		170000	U *	11000	170000
2-Picoline		170000	U	8600	170000
p-Phenylene diamine		860000	U *	420000	860000
Pronamide		170000	U	12000	170000
Pyrene		170000	U	14000	170000
Pyridine		170000	U	15000	170000
Safrole, Total		170000	U	12000	170000
Sulfotepp		170000	U	10000	170000
1,2,4,5-Tetrachlorobenzene		170000	U	16000	170000
2,3,4,6-Tetrachlorophenol		170000	U	11000	170000
Thionazin		170000	U	12000	170000
2-Toluidine		170000	U	18000	170000
1,2,4-Trichlorobenzene		170000	U	16000	170000
2,4,5-Trichlorophenol		170000	U	18000	170000
2,4,6-Trichlorophenol		170000	U	15000	170000
1,3,5-Trinitrobenzene		170000	U	86000	170000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-LS**

Lab Sample ID: 680-56861-5 Date Sampled: 04/14/2010 1735
Client Matrix: Solid % Moisture: 60.5 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167967		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1159.d
Dilution:	50			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/10/2010 1203			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diphenyl ether		5200000		86000	830000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-US**

Lab Sample ID: 680-56861-6 Date Sampled: 04/15/2010 0845
Client Matrix: Solid % Moisture: 75.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1011.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/03/2010 1934			Final Weight/Volume:	15 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		200000	U	25000	200000
Acenaphthylene		200000	U	22000	200000
Acetophenone		200000	U	17000	200000
2-Acetylaminofluorene		200000	U	17000	200000
alpha,alpha-Dimethyl phenethylamine		41000000	U	1700000	41000000
4-Aminobiphenyl		200000	U	23000	200000
Aniline		410000	U	21000	410000
Anthracene		200000	U	15000	200000
Aramite, Total		200000	U	35000	200000
Benzo[a]anthracene		200000	U	17000	200000
Benzo[a]pyrene		200000	U	32000	200000
Benzo[b]fluoranthene		200000	U	23000	200000
Benzo[g,h,i]perylene		200000	U	14000	200000
Benzo[k]fluoranthene		200000	U	40000	200000
Benzyl alcohol		200000	U	20000	200000
1,1'-Biphenyl		340000		17000	200000
Bis(2-chloroethoxy)methane		200000	U	24000	200000
Bis(2-chloroethyl)ether		200000	U	28000	200000
bis(chloroisopropyl) ether		200000	U	18000	200000
Bis(2-ethylhexyl) phthalate		200000	U	20000	200000
4-Bromophenyl phenyl ether		200000	U	22000	200000
Butyl benzyl phthalate		200000	U	16000	200000
4-Chloroaniline		410000	U	32000	410000
4-Chloro-3-methylphenol		200000	U	22000	200000
2-Chloronaphthalene		200000	U	24000	200000
2-Chlorophenol		200000	U	25000	200000
4-Chlorophenyl phenyl ether		200000	U	23000	200000
Chrysene		200000	U	13000	200000
Diallate		200000	U	100000	200000
Dibenz(a,h)anthracene		200000	U	15000	200000
Dibenzofuran		200000	U	20000	200000
1,2-Dichlorobenzene		200000	U	23000	200000
1,3-Dichlorobenzene		200000	U	21000	200000
1,4-Dichlorobenzene		200000	U	22000	200000
3,3'-Dichlorobenzidine		410000	U	17000	410000
2,4-Dichlorophenol		200000	U	22000	200000
2,6-Dichlorophenol		200000	U	17000	200000
Diethyl phthalate		200000	U	22000	200000
Dimethoate		200000	U	15000	200000
7,12-Dimethylbenz(a)anthracene		200000	U	10000	200000
3,3'-Dimethylbenzidine		1000000	U	510000	1000000
2,4-Dimethylphenol		200000	U	27000	200000
Dimethyl phthalate		200000	U	21000	200000
Di-n-butyl phthalate		200000	U	18000	200000
1,3-Dinitrobenzene		200000	U	15000	200000
4,6-Dinitro-2-methylphenol		1000000	U	100000	1000000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-US**

Lab Sample ID: 680-56861-6 Date Sampled: 04/15/2010 0845
Client Matrix: Solid % Moisture: 75.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1011.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/03/2010 1934			Final Weight/Volume:	15 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		1000000	U	510000	1000000
2,4-Dinitrotoluene		200000	U	30000	200000
2,6-Dinitrotoluene		200000	U	26000	200000
Di-n-octyl phthalate		200000	U	18000	200000
Dinoseb		200000	U	99000	200000
1,4-Dioxane		200000	U	74000	200000
Disulfoton		200000	U	10000	200000
Ethyl methanesulfonate		200000	U	19000	200000
Ethyl Parathion		200000	U	14000	200000
Famphur		200000	U *	18000	200000
Fluoranthene		200000	U	20000	200000
Fluorene		200000	U	22000	200000
Hexachlorobenzene		200000	U	24000	200000
Hexachlorobutadiene		200000	U	22000	200000
Hexachlorocyclopentadiene		200000	U	25000	200000
Hexachloroethane		200000	U	17000	200000
Hexachlorophene		100000000	U	8000000	100000000
Hexachloropropene		200000	U *	18000	200000
Indeno[1,2,3-cd]pyrene		200000	U	17000	200000
Isophorone		200000	U	20000	200000
Isosafrole		200000	U	15000	200000
Methapyrilene		41000000	U	510000	41000000
3-Methylcholanthrene		200000	U	25000	200000
Methyl methanesulfonate		200000	U *	10000	200000
2-Methylnaphthalene		200000	U	23000	200000
Methyl parathion		200000	U	16000	200000
2-Methylphenol		200000	U	17000	200000
3 & 4 Methylphenol		200000	U	27000	200000
Naphthalene		200000	U	18000	200000
1,4-Naphthoquinone		200000	U *	10000	200000
1-Naphthylamine		200000	U *	41000	200000
2-Naphthylamine		200000	U	21000	200000
2-Nitroaniline		1000000	U	28000	1000000
3-Nitroaniline		1000000	U	28000	1000000
4-Nitroaniline		1000000	U	30000	1000000
Nitrobenzene		200000	U	16000	200000
2-Nitrophenol		200000	U	25000	200000
4-Nitrophenol		1000000	U	200000	1000000
4-Nitroquinoline-1-oxide		2000000	U	510000	2000000
N-Nitro-o-toluidine		200000	U	16000	200000
N-Nitrosodiethylamine		200000	U	17000	200000
N-Nitrosodimethylamine		200000	U	74000	200000
N-Nitrosodi-n-butylamine		200000	U	15000	200000
N-Nitrosodi-n-propylamine		200000	U	20000	200000
N-Nitrosodiphenylamine		200000	U	20000	200000
N-Nitrosomethylethylamine		200000	U	15000	200000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-US**

Lab Sample ID: 680-56861-6 Date Sampled: 04/15/2010 0845
Client Matrix: Solid % Moisture: 75.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1011.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/03/2010 1934			Final Weight/Volume:	15 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		200000	U	17000	200000
N-Nitrosopiperidine		200000	U	13000	200000
N-Nitrosopyrrolidine		200000	U	11000	200000
o,o',o''-Triethylphosphorothioate		200000	U *	25000	200000
p-Dimethylamino azobenzene		200000	U	12000	200000
Pentachlorobenzene		200000	U	15000	200000
Pentachloronitrobenzene		200000	U	13000	200000
Pentachlorophenol		1000000	U	200000	1000000
Phenacetin		200000	U	20000	200000
Phenanthrene		200000	U	17000	200000
Phenol		200000	U	21000	200000
Phorate		200000	U *	14000	200000
2-Picoline		200000	U	10000	200000
p-Phenylene diamine		1000000	U *	510000	1000000
Pronamide		200000	U	15000	200000
Pyrene		22000	J	17000	200000
Pyridine		200000	U	18000	200000
Safrole, Total		200000	U	15000	200000
Sulfotepp		200000	U	12000	200000
1,2,4,5-Tetrachlorobenzene		200000	U	19000	200000
2,3,4,6-Tetrachlorophenol		200000	U	14000	200000
Thionazin		200000	U	14000	200000
2-Toluidine		200000	U	22000	200000
1,2,4-Trichlorobenzene		200000	U	19000	200000
2,4,5-Trichlorophenol		200000	U	22000	200000
2,4,6-Trichlorophenol		200000	U	18000	200000
1,3,5-Trinitrobenzene		200000	U	100000	200000
Diphenyl ether		1100000		21000	200000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-NS**

Lab Sample ID: 680-56861-7 Date Sampled: 04/15/2010 0950
Client Matrix: Solid % Moisture: 23.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1012.d
Dilution:	10			Initial Weight/Volume:	30.12 g
Date Analyzed:	05/03/2010 1958			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		4300	U	540	4300
Acenaphthylene		4300	U	470	4300
Acetophenone		4300	U	370	4300
2-Acetylaminofluorene		4300	U	370	4300
alpha,alpha-Dimethyl phenethylamine		880000	U	35000	880000
4-Aminobiphenyl		4300	U	480	4300
Aniline		8600	U	440	8600
Anthracene		4300	U	330	4300
Aramite, Total		4300	U	750	4300
Benzo[a]anthracene		4300	U	350	4300
Benzo[a]pyrene		4300	U	680	4300
Benzo[b]fluoranthene		4300	U	500	4300
Benzo[g,h,i]perylene		4300	U	290	4300
Benzo[k]fluoranthene		4300	U	850	4300
Benzyl alcohol		4300	U	430	4300
1,1'-Biphenyl		4300	U	370	4300
Bis(2-chloroethoxy)methane		4300	U	510	4300
Bis(2-chloroethyl)ether		4300	U	590	4300
bis(chloroisopropyl) ether		4300	U	390	4300
Bis(2-ethylhexyl) phthalate		4300	U	430	4300
4-Bromophenyl phenyl ether		4300	U	470	4300
Butyl benzyl phthalate		4300	U	340	4300
4-Chloroaniline		8600	U	680	8600
4-Chloro-3-methylphenol		4300	U	460	4300
2-Chloronaphthalene		4300	U	510	4300
2-Chlorophenol		4300	U	520	4300
4-Chlorophenyl phenyl ether		4300	U	480	4300
Chrysene		4300	U	270	4300
Diallate		4300	U	2200	4300
Dibenz(a,h)anthracene		4300	U	310	4300
Dibenzofuran		4300	U	430	4300
1,2-Dichlorobenzene		4300	U	480	4300
1,3-Dichlorobenzene		4300	U	440	4300
1,4-Dichlorobenzene		4300	U	460	4300
3,3'-Dichlorobenzidine		8600	U	370	8600
2,4-Dichlorophenol		4300	U	460	4300
2,6-Dichlorophenol		4300	U	350	4300
Diethyl phthalate		4300	U	460	4300
Dimethoate		4300	U	330	4300
7,12-Dimethylbenz(a)anthracene		4300	U	220	4300
3,3'-Dimethylbenzidine		22000	U	11000	22000
2,4-Dimethylphenol		4300	U	580	4300
Dimethyl phthalate		4300	U	440	4300
Di-n-butyl phthalate		4300	U	390	4300
1,3-Dinitrobenzene		4300	U	310	4300
4,6-Dinitro-2-methylphenol		22000	U	2200	22000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-NS**

Lab Sample ID: 680-56861-7 Date Sampled: 04/15/2010 0950
Client Matrix: Solid % Moisture: 23.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1012.d
Dilution:	10			Initial Weight/Volume:	30.12 g
Date Analyzed:	05/03/2010 1958			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		22000	U	11000	22000
2,4-Dinitrotoluene		4300	U	640	4300
2,6-Dinitrotoluene		4300	U	550	4300
Di-n-octyl phthalate		4300	U	380	4300
Dinoseb		4300	U	2100	4300
1,4-Dioxane		4300	U	1600	4300
Disulfoton		4300	U	220	4300
Ethyl methanesulfonate		4300	U	410	4300
Ethyl Parathion		4300	U	290	4300
Famphur		4300	U *	380	4300
Fluoranthene		4300	U	420	4300
Fluorene		4300	U	470	4300
Hexachlorobenzene		4300	U	510	4300
Hexachlorobutadiene		4300	U	470	4300
Hexachlorocyclopentadiene		4300	U	540	4300
Hexachloroethane		4300	U	370	4300
Hexachlorophene		2200000	U	170000	2200000
Hexachloropropene		4300	U *	380	4300
Indeno[1,2,3-cd]pyrene		4300	U	370	4300
Isophorone		4300	U	430	4300
Isosafrole		4300	U	310	4300
Methapyrilene		880000	U	11000	880000
3-Methylcholanthrene		4300	U	540	4300
Methyl methanesulfonate		4300	U *	220	4300
2-Methylnaphthalene		4300	U	500	4300
Methyl parathion		4300	U	340	4300
2-Methylphenol		4300	U	350	4300
3 & 4 Methylphenol		630	J	560	4300
Naphthalene		4300	U	390	4300
1,4-Naphthoquinone		4300	U *	220	4300
1-Naphthylamine		4300	U *	860	4300
2-Naphthylamine		4300	U	440	4300
2-Nitroaniline		3500	J	590	22000
3-Nitroaniline		22000	U	600	22000
4-Nitroaniline		22000	U	640	22000
Nitrobenzene		4300	U	340	4300
2-Nitrophenol		4300	U	540	4300
4-Nitrophenol		22000	U	4300	22000
4-Nitroquinoline-1-oxide		43000	U	11000	43000
N-Nitro-o-toluidine		4300	U	340	4300
N-Nitrosodiethylamine		4300	U	370	4300
N-Nitrosodimethylamine		4300	U	1600	4300
N-Nitrosodi-n-butylamine		4300	U	310	4300
N-Nitrosodi-n-propylamine		4300	U	420	4300
N-Nitrosodiphenylamine		4300	U	430	4300
N-Nitrosomethylethylamine		4300	U	330	4300

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-NS**

Lab Sample ID: 680-56861-7 Date Sampled: 04/15/2010 0950
Client Matrix: Solid % Moisture: 23.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1012.d
Dilution:	10			Initial Weight/Volume:	30.12 g
Date Analyzed:	05/03/2010 1958			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		4300	U	350	4300
N-Nitrosopiperidine		4300	U	270	4300
N-Nitrosopyrrolidine		4300	U	240	4300
o,o',o''-Triethylphosphorothioate		4300	U *	520	4300
p-Dimethylamino azobenzene		4300	U	250	4300
Pentachlorobenzene		4300	U	330	4300
Pentachloronitrobenzene		4300	U	270	4300
Pentachlorophenol		22000	U	4300	22000
Phenacetin		4300	U	430	4300
Phenanthrene		4300	U	350	4300
Phenol		4300	U	440	4300
Phorate		4300	U *	290	4300
2-Picoline		4300	U	220	4300
p-Phenylene diamine		22000	U *	11000	22000
Pronamide		4300	U	310	4300
Pyrene		4300	U	350	4300
Pyridine		4300	U	380	4300
Safrole, Total		4300	U	310	4300
Sulfotepp		4300	U	260	4300
1,2,4,5-Tetrachlorobenzene		4300	U	410	4300
2,3,4,6-Tetrachlorophenol		4300	U	290	4300
Thionazin		4300	U	300	4300
2-Toluidine		4300	U	460	4300
1,2,4-Trichlorobenzene		4300	U	410	4300
2,4,5-Trichlorophenol		4300	U	460	4300
2,4,6-Trichlorophenol		4300	U	380	4300
1,3,5-Trinitrobenzene		4300	U	2200	4300
Diphenyl ether		12000		440	4300

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-LS**

Lab Sample ID: 680-56861-8 Date Sampled: 04/15/2010 1005
Client Matrix: Solid % Moisture: 68.0 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1013.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/03/2010 2022			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		100000	U	13000	100000
Acenaphthylene		100000	U	11000	100000
Acetophenone		100000	U	8700	100000
2-Acetylaminofluorene		100000	U	8700	100000
alpha,alpha-Dimethyl phenethylamine		21000000	U	840000	21000000
4-Aminobiphenyl		100000	U	12000	100000
Aniline		210000	U	11000	210000
Anthracene		100000	U	7800	100000
Aramite, Total		100000	U	18000	100000
Benzo[a]anthracene		100000	U	8400	100000
Benzo[a]pyrene		100000	U	16000	100000
Benzo[b]fluoranthene		100000	U	12000	100000
Benzo[g,h,i]perylene		100000	U	6900	100000
Benzo[k]fluoranthene		100000	U	20000	100000
Benzyl alcohol		100000	U	10000	100000
1,1'-Biphenyl		940000		8700	100000
Bis(2-chloroethoxy)methane		100000	U	12000	100000
Bis(2-chloroethyl)ether		100000	U	14000	100000
bis(chloroisopropyl) ether		100000	U	9400	100000
Bis(2-ethylhexyl) phthalate		100000	U	10000	100000
4-Bromophenyl phenyl ether		100000	U	11000	100000
Butyl benzyl phthalate		100000	U	8100	100000
4-Chloroaniline		210000	U	16000	210000
4-Chloro-3-methylphenol		100000	U	11000	100000
2-Chloronaphthalene		100000	U	12000	100000
2-Chlorophenol		100000	U	12000	100000
4-Chlorophenyl phenyl ether		100000	U	12000	100000
Chrysene		100000	U	6500	100000
Diallate		100000	U	53000	100000
Dibenz(a,h)anthracene		100000	U	7500	100000
Dibenzofuran		100000	U	10000	100000
1,2-Dichlorobenzene		100000	U	12000	100000
1,3-Dichlorobenzene		100000	U	11000	100000
1,4-Dichlorobenzene		100000	U	11000	100000
3,3'-Dichlorobenzidine		210000	U	8700	210000
2,4-Dichlorophenol		100000	U	11000	100000
2,6-Dichlorophenol		100000	U	8400	100000
Diethyl phthalate		100000	U	11000	100000
Dimethoate		100000	U	7800	100000
7,12-Dimethylbenz(a)anthracene		100000	U	5300	100000
3,3'-Dimethylbenzidine		530000	U	260000	530000
2,4-Dimethylphenol		100000	U	14000	100000
Dimethyl phthalate		100000	U	11000	100000
Di-n-butyl phthalate		100000	U	9400	100000
1,3-Dinitrobenzene		100000	U	7500	100000
4,6-Dinitro-2-methylphenol		530000	U	53000	530000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-LS**

Lab Sample ID: 680-56861-8 Date Sampled: 04/15/2010 1005
Client Matrix: Solid % Moisture: 68.0 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1013.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/03/2010 2022			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		530000	U	260000	530000
2,4-Dinitrotoluene		100000	U	15000	100000
2,6-Dinitrotoluene		100000	U	13000	100000
Di-n-octyl phthalate		100000	U	9000	100000
Dinoseb		100000	U	50000	100000
1,4-Dioxane		100000	U	37000	100000
Disulfoton		100000	U	5300	100000
Ethyl methanesulfonate		100000	U	9700	100000
Ethyl Parathion		100000	U	6900	100000
Famphur		100000	U *	9000	100000
Fluoranthene		100000	U	10000	100000
Fluorene		100000	U	11000	100000
Hexachlorobenzene		100000	U	12000	100000
Hexachlorobutadiene		100000	U	11000	100000
Hexachlorocyclopentadiene		100000	U	13000	100000
Hexachloroethane		100000	U	8700	100000
Hexachlorophene		53000000	U	4100000	53000000
Hexachloropropene		100000	U *	9000	100000
Indeno[1,2,3-cd]pyrene		100000	U	8700	100000
Isophorone		100000	U	10000	100000
Isosafrole		100000	U	7500	100000
Methapyrilene		21000000	U	260000	21000000
3-Methylcholanthrene		100000	U	13000	100000
Methyl methanesulfonate		100000	U *	5300	100000
2-Methylnaphthalene		100000	U	12000	100000
Methyl parathion		100000	U	8100	100000
2-Methylphenol		100000	U	8400	100000
3 & 4 Methylphenol		100000	U	13000	100000
Naphthalene		100000	U	9400	100000
1,4-Naphthoquinone		100000	U *	5300	100000
1-Naphthylamine		100000	U *	21000	100000
2-Naphthylamine		100000	U	11000	100000
2-Nitroaniline		530000	U	14000	530000
3-Nitroaniline		530000	U	14000	530000
4-Nitroaniline		530000	U	15000	530000
Nitrobenzene		100000	U	8100	100000
2-Nitrophenol		100000	U	13000	100000
4-Nitrophenol		530000	U	100000	530000
4-Nitroquinoline-1-oxide		1000000	U	260000	1000000
N-Nitro-o-toluidine		100000	U	8100	100000
N-Nitrosodiethylamine		100000	U	8700	100000
N-Nitrosodimethylamine		100000	U	37000	100000
N-Nitrosodi-n-butylamine		100000	U	7500	100000
N-Nitrosodi-n-propylamine		100000	U	10000	100000
N-Nitrosodiphenylamine		100000	U	10000	100000
N-Nitrosomethylethylamine		100000	U	7800	100000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-LS**

Lab Sample ID: 680-56861-8 Date Sampled: 04/15/2010 1005
Client Matrix: Solid % Moisture: 68.0 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1013.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/03/2010 2022			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		100000	U	8400	100000
N-Nitrosopiperidine		100000	U	6500	100000
N-Nitrosopyrrolidine		100000	U	5600	100000
o,o',o''-Triethylphosphorothioate		100000	U *	12000	100000
p-Dimethylamino azobenzene		100000	U	5900	100000
Pentachlorobenzene		100000	U	7800	100000
Pentachloronitrobenzene		100000	U	6500	100000
Pentachlorophenol		530000	U	100000	530000
Phenacetin		100000	U	10000	100000
Phenanthrene		100000	U	8400	100000
Phenol		100000	U	11000	100000
Phorate		100000	U *	6900	100000
2-Picoline		100000	U	5300	100000
p-Phenylene diamine		530000	U *	260000	530000
Pronamide		100000	U	7500	100000
Pyrene		100000	U	8400	100000
Pyridine		100000	U	9000	100000
Safrole, Total		100000	U	7500	100000
Sulfotepp		100000	U	6200	100000
1,2,4,5-Tetrachlorobenzene		100000	U	9700	100000
2,3,4,6-Tetrachlorophenol		100000	U	6900	100000
Thionazin		100000	U	7200	100000
2-Toluidine		100000	U	11000	100000
1,2,4-Trichlorobenzene		100000	U	9700	100000
2,4,5-Trichlorophenol		100000	U	11000	100000
2,4,6-Trichlorophenol		100000	U	9000	100000
1,3,5-Trinitrobenzene		100000	U	53000	100000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-LS**

Lab Sample ID: 680-56861-8 Date Sampled: 04/15/2010 1005
Client Matrix: Solid % Moisture: 68.0 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167967		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1160.d
Dilution:	50			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/10/2010 1227			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diphenyl ether		2800000		53000	510000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-US**

Lab Sample ID: 680-56861-9 Date Sampled: 04/15/2010 1100
Client Matrix: Solid % Moisture: 77.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1014.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	05/03/2010 2046			Final Weight/Volume:	5.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		74000	U	9200	74000
Acenaphthylene		74000	U	8100	74000
Acetophenone		74000	U	6300	74000
2-Acetylaminofluorene		74000	U	6300	74000
alpha,alpha-Dimethyl phenethylamine		15000000	U	600000	15000000
4-Aminobiphenyl		74000	U	8300	74000
Aniline		150000	U	7600	150000
Anthracene		74000	U	5600	74000
Aramite, Total		74000	U	13000	74000
Benzo[a]anthracene		74000	U	6000	74000
Benzo[a]pyrene		74000	U	12000	74000
Benzo[b]fluoranthene		74000	U	8500	74000
Benzo[g,h,i]perylene		74000	U	4900	74000
Benzo[k]fluoranthene		74000	U	15000	74000
Benzyl alcohol		74000	U	7400	74000
1,1'-Biphenyl		180000		6300	74000
Bis(2-chloroethoxy)methane		74000	U	8700	74000
Bis(2-chloroethyl)ether		74000	U	10000	74000
bis(chloroisopropyl) ether		74000	U	6700	74000
Bis(2-ethylhexyl) phthalate		74000	U	7400	74000
4-Bromophenyl phenyl ether		74000	U	8100	74000
Butyl benzyl phthalate		74000	U	5800	74000
4-Chloroaniline		150000	U	12000	150000
4-Chloro-3-methylphenol		74000	U	7800	74000
2-Chloronaphthalene		74000	U	8700	74000
2-Chlorophenol		74000	U	9000	74000
4-Chlorophenyl phenyl ether		74000	U	8300	74000
Chrysene		74000	U	4700	74000
Diallate		74000	U	38000	74000
Dibenz(a,h)anthracene		74000	U	5400	74000
Dibenzofuran		74000	U	7400	74000
1,2-Dichlorobenzene		74000	U	8300	74000
1,3-Dichlorobenzene		74000	U	7600	74000
1,4-Dichlorobenzene		74000	U	7800	74000
3,3'-Dichlorobenzidine		150000	U	6300	150000
2,4-Dichlorophenol		74000	U	7800	74000
2,6-Dichlorophenol		74000	U	6000	74000
Diethyl phthalate		74000	U	7800	74000
Dimethoate		74000	U	5600	74000
7,12-Dimethylbenz(a)anthracene		74000	U	3800	74000
3,3'-Dimethylbenzidine		380000	U	190000	380000
2,4-Dimethylphenol		74000	U	9900	74000
Dimethyl phthalate		74000	U	7600	74000
Di-n-butyl phthalate		74000	U	6700	74000
1,3-Dinitrobenzene		74000	U	5400	74000
4,6-Dinitro-2-methylphenol		380000	U	38000	380000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-US**

Lab Sample ID: 680-56861-9 Date Sampled: 04/15/2010 1100
Client Matrix: Solid % Moisture: 77.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1014.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	05/03/2010 2046			Final Weight/Volume:	5.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		380000	U	190000	380000
2,4-Dinitrotoluene		74000	U	11000	74000
2,6-Dinitrotoluene		74000	U	9400	74000
Di-n-octyl phthalate		74000	U	6500	74000
Dinoseb		74000	U	36000	74000
1,4-Dioxane		74000	U	27000	74000
Disulfoton		74000	U	3800	74000
Ethyl methanesulfonate		74000	U	6900	74000
Ethyl Parathion		74000	U	4900	74000
Famphur		74000	U *	6500	74000
Fluoranthene		74000	U	7200	74000
Fluorene		74000	U	8100	74000
Hexachlorobenzene		74000	U	8700	74000
Hexachlorobutadiene		74000	U	8100	74000
Hexachlorocyclopentadiene		74000	U	9200	74000
Hexachloroethane		74000	U	6300	74000
Hexachlorophene		38000000	U	2900000	38000000
Hexachloropropene		74000	U *	6500	74000
Indeno[1,2,3-cd]pyrene		74000	U	6300	74000
Isophorone		74000	U	7400	74000
Isosafrole		74000	U	5400	74000
Methapyrilene		15000000	U	190000	15000000
3-Methylcholanthrene		74000	U	9200	74000
Methyl methanesulfonate		74000	U *	3800	74000
2-Methylnaphthalene		74000	U	8500	74000
Methyl parathion		74000	U	5800	74000
2-Methylphenol		74000	U	6000	74000
3 & 4 Methylphenol		74000	U	9600	74000
Naphthalene		74000	U	6700	74000
1,4-Naphthoquinone		74000	U *	3800	74000
1-Naphthylamine		74000	U *	15000	74000
2-Naphthylamine		74000	U	7600	74000
2-Nitroaniline		380000	U	10000	380000
3-Nitroaniline		380000	U	10000	380000
4-Nitroaniline		380000	U	11000	380000
Nitrobenzene		74000	U	5800	74000
2-Nitrophenol		74000	U	9200	74000
4-Nitrophenol		380000	U	74000	380000
4-Nitroquinoline-1-oxide		740000	U	190000	740000
N-Nitro-o-toluidine		74000	U	5800	74000
N-Nitrosodiethylamine		74000	U	6300	74000
N-Nitrosodimethylamine		74000	U	27000	74000
N-Nitrosodi-n-butylamine		74000	U	5400	74000
N-Nitrosodi-n-propylamine		74000	U	7200	74000
N-Nitrosodiphenylamine		74000	U	7400	74000
N-Nitrosomethylethylamine		74000	U	5600	74000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-US**

Lab Sample ID: 680-56861-9 Date Sampled: 04/15/2010 1100
Client Matrix: Solid % Moisture: 77.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167447		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1014.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	05/03/2010 2046			Final Weight/Volume:	5.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		74000	U	6000	74000
N-Nitrosopiperidine		74000	U	4700	74000
N-Nitrosopyrrolidine		74000	U	4000	74000
o,o',o''-Triethylphosphorothioate		74000	U *	9000	74000
p-Dimethylamino azobenzene		74000	U	4300	74000
Pentachlorobenzene		74000	U	5600	74000
Pentachloronitrobenzene		74000	U	4700	74000
Pentachlorophenol		380000	U	74000	380000
Phenacetin		74000	U	7400	74000
Phenanthrene		74000	U	6000	74000
Phenol		74000	U	7600	74000
Phorate		74000	U *	4900	74000
2-Picoline		74000	U	3800	74000
p-Phenylene diamine		380000	U *	190000	380000
Pronamide		74000	U	5400	74000
Pyrene		74000	U	6000	74000
Pyridine		74000	U	6500	74000
Safrole, Total		74000	U	5400	74000
Sulfotepp		74000	U	4500	74000
1,2,4,5-Tetrachlorobenzene		74000	U	6900	74000
2,3,4,6-Tetrachlorophenol		74000	U	4900	74000
Thionazin		74000	U	5200	74000
2-Toluidine		74000	U	7800	74000
1,2,4-Trichlorobenzene		74000	U	6900	74000
2,4,5-Trichlorophenol		74000	U	7800	74000
2,4,6-Trichlorophenol		74000	U	6500	74000
1,3,5-Trinitrobenzene		74000	U	38000	74000
Diphenyl ether		570000		7600	74000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-NS**

Lab Sample ID: 680-56861-10 Date Sampled: 04/15/2010 1105
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1015a.d
Dilution:	50			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1442			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		21000	U	2600	21000
Acenaphthylene		21000	U	2300	21000
Acetophenone		21000	U	1800	21000
2-Acetylaminofluorene		21000	U	1800	21000
alpha,alpha-Dimethyl phenethylamine		4200000	U	170000	4200000
4-Aminobiphenyl		21000	U	2300	21000
Aniline		41000	U	2100	41000
Anthracene		21000	U	1600	21000
Aramite, Total		21000	U	3600	21000
Benzo[a]anthracene		21000	U	1700	21000
Benzo[a]pyrene		21000	U	3300	21000
Benzo[b]fluoranthene		21000	U	2400	21000
Benzo[g,h,i]perylene		21000	U	1400	21000
Benzo[k]fluoranthene		21000	U	4100	21000
Benzyl alcohol		21000	U	2100	21000
1,1'-Biphenyl		290000		1800	21000
Bis(2-chloroethoxy)methane		21000	U	2400	21000
Bis(2-chloroethyl)ether		21000	U	2800	21000
bis(chloroisopropyl) ether		21000	U	1900	21000
Bis(2-ethylhexyl) phthalate		21000	U	2100	21000
4-Bromophenyl phenyl ether		21000	U	2300	21000
Butyl benzyl phthalate		21000	U	1600	21000
4-Chloroaniline		41000	U	3300	41000
4-Chloro-3-methylphenol		21000	U	2200	21000
2-Chloronaphthalene		21000	U	2400	21000
2-Chlorophenol		21000	U	2500	21000
4-Chlorophenyl phenyl ether		21000	U	2300	21000
Chrysene		21000	U	1300	21000
Diallate		21000	U	11000	21000
Dibenz(a,h)anthracene		21000	U	1500	21000
Dibenzofuran		21000	U	2100	21000
1,2-Dichlorobenzene		21000	U	2300	21000
1,3-Dichlorobenzene		21000	U	2100	21000
1,4-Dichlorobenzene		21000	U	2200	21000
3,3'-Dichlorobenzidine		41000	U	1800	41000
2,4-Dichlorophenol		21000	U	2200	21000
2,6-Dichlorophenol		21000	U	1700	21000
Diethyl phthalate		21000	U	2200	21000
Dimethoate		21000	U	1600	21000
7,12-Dimethylbenz(a)anthracene		21000	U	1100	21000
3,3'-Dimethylbenzidine		110000	U	52000	110000
2,4-Dimethylphenol		21000	U	2800	21000
Dimethyl phthalate		21000	U	2100	21000
Di-n-butyl phthalate		21000	U	1900	21000
1,3-Dinitrobenzene		21000	U	1500	21000
4,6-Dinitro-2-methylphenol		110000	U	11000	110000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-NS**

Lab Sample ID: 680-56861-10 Date Sampled: 04/15/2010 1105
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1015a.d
Dilution:	50			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1442			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		110000	U	52000	110000
2,4-Dinitrotoluene		21000	U	3100	21000
2,6-Dinitrotoluene		21000	U	2600	21000
Di-n-octyl phthalate		21000	U	1800	21000
Dinoseb		21000	U	10000	21000
1,4-Dioxane		21000	U	7500	21000
Disulfoton		21000	U	1100	21000
Ethyl methanesulfonate		21000	U	1900	21000
Ethyl Parathion		21000	U	1400	21000
Famphur		21000	U	1800	21000
Fluoranthene		21000	U	2000	21000
Fluorene		21000	U	2300	21000
Hexachlorobenzene		21000	U	2400	21000
Hexachlorobutadiene		21000	U	2300	21000
Hexachlorocyclopentadiene		21000	U	2600	21000
Hexachloroethane		21000	U	1800	21000
Hexachlorophene		11000000	U	820000	11000000
Hexachloropropene		21000	U	1800	21000
Indeno[1,2,3-cd]pyrene		21000	U	1800	21000
Isophorone		21000	U	2100	21000
Isosafrole		21000	U	1500	21000
Methapyrilene		4200000	U	52000	4200000
3-Methylcholanthrene		21000	U	2600	21000
Methyl methanesulfonate		21000	U	1100	21000
2-Methylnaphthalene		21000	U	2400	21000
Methyl parathion		21000	U	1600	21000
2-Methylphenol		21000	U	1700	21000
3 & 4 Methylphenol		21000	U	2700	21000
Naphthalene		21000	U	1900	21000
1,4-Naphthoquinone		21000	U	1100	21000
1-Naphthylamine		21000	U	4100	21000
2-Naphthylamine		21000	U	2100	21000
2-Nitroaniline		110000	U	2800	110000
3-Nitroaniline		110000	U	2900	110000
4-Nitroaniline		110000	U	3100	110000
Nitrobenzene		21000	U	1600	21000
2-Nitrophenol		21000	U	2600	21000
4-Nitrophenol		110000	U	21000	110000
4-Nitroquinoline-1-oxide		210000	U	52000	210000
N-Nitro-o-toluidine		21000	U	1600	21000
N-Nitrosodiethylamine		21000	U	1800	21000
N-Nitrosodimethylamine		21000	U	7500	21000
N-Nitrosodi-n-butylamine		21000	U	1500	21000
N-Nitrosodi-n-propylamine		21000	U	2000	21000
N-Nitrosodiphenylamine		21000	U	2100	21000
N-Nitrosomethylethylamine		21000	U	1600	21000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-NS**

Lab Sample ID: 680-56861-10 Date Sampled: 04/15/2010 1105
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1015a.d
Dilution:	50			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1442			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		21000	U	1700	21000
N-Nitrosopiperidine		21000	U	1300	21000
N-Nitrosopyrrolidine		21000	U	1100	21000
o,o',o''-Triethylphosphorothioate		21000	U	2500	21000
p-Dimethylamino azobenzene		21000	U	1200	21000
Pentachlorobenzene		21000	U	1600	21000
Pentachloronitrobenzene		21000	U	1300	21000
Pentachlorophenol		110000	U	21000	110000
Phenacetin		21000	U	2100	21000
Phenanthrene		21000	U	1700	21000
Phenol		21000	U	2100	21000
Phorate		21000	U	1400	21000
2-Picoline		21000	U	1100	21000
p-Phenylene diamine		110000	U	52000	110000
Pronamide		21000	U	1500	21000
Pyrene		21000	U	1700	21000
Pyridine		21000	U	1800	21000
Safrole, Total		21000	U	1500	21000
Sulfotepp		21000	U	1300	21000
1,2,4,5-Tetrachlorobenzene		21000	U	1900	21000
2,3,4,6-Tetrachlorophenol		21000	U	1400	21000
Thionazin		21000	U	1400	21000
2-Toluidine		21000	U	2200	21000
1,2,4-Trichlorobenzene		21000	U	1900	21000
2,4,5-Trichlorophenol		21000	U	2200	21000
2,4,6-Trichlorophenol		21000	U	1800	21000
1,3,5-Trinitrobenzene		21000	U	11000	21000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-NS**

Lab Sample ID: 680-56861-10 Date Sampled: 04/15/2010 1105
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167967		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1161.d
Dilution:	200			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/10/2010 1250			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diphenyl ether		830000		8500	83000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-LS**

Lab Sample ID: 680-56861-11 Date Sampled: 04/15/2010 1110
Client Matrix: Solid % Moisture: 59.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1016.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/04/2010 1021			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		160000	U	20000	160000
Acenaphthylene		160000	U	18000	160000
Acetophenone		160000	U	14000	160000
2-Acetylaminofluorene		160000	U	14000	160000
alpha,alpha-Dimethyl phenethylamine		33000000	U	1300000	33000000
4-Aminobiphenyl		160000	U	18000	160000
Aniline		320000	U	17000	320000
Anthracene		160000	U	12000	160000
Aramite, Total		160000	U	28000	160000
Benzo[a]anthracene		160000	U	13000	160000
Benzo[a]pyrene		160000	U	26000	160000
Benzo[b]fluoranthene		160000	U	19000	160000
Benzo[g,h,i]perylene		160000	U	11000	160000
Benzo[k]fluoranthene		160000	U	32000	160000
Benzyl alcohol		160000	U	16000	160000
1,1'-Biphenyl		800000		14000	160000
Bis(2-chloroethoxy)methane		160000	U	19000	160000
Bis(2-chloroethyl)ether		160000	U	22000	160000
bis(chloroisopropyl) ether		160000	U	15000	160000
Bis(2-ethylhexyl) phthalate		160000	U	16000	160000
4-Bromophenyl phenyl ether		160000	U	18000	160000
Butyl benzyl phthalate		160000	U	13000	160000
4-Chloroaniline		320000	U	26000	320000
4-Chloro-3-methylphenol		160000	U	17000	160000
2-Chloronaphthalene		160000	U	19000	160000
2-Chlorophenol		160000	U	20000	160000
4-Chlorophenyl phenyl ether		160000	U	18000	160000
Chrysene		160000	U	10000	160000
Diallate		160000	U	84000	160000
Dibenz(a,h)anthracene		160000	U	12000	160000
Dibenzofuran		160000	U	16000	160000
1,2-Dichlorobenzene		160000	U	18000	160000
1,3-Dichlorobenzene		160000	U	17000	160000
1,4-Dichlorobenzene		160000	U	17000	160000
3,3'-Dichlorobenzidine		320000	U	14000	320000
2,4-Dichlorophenol		160000	U	17000	160000
2,6-Dichlorophenol		160000	U	13000	160000
Diethyl phthalate		160000	U	17000	160000
Dimethoate		160000	U	12000	160000
7,12-Dimethylbenz(a)anthracene		160000	U	8400	160000
3,3'-Dimethylbenzidine		840000	U	410000	840000
2,4-Dimethylphenol		160000	U	22000	160000
Dimethyl phthalate		160000	U	17000	160000
Di-n-butyl phthalate		160000	U	15000	160000
1,3-Dinitrobenzene		160000	U	12000	160000
4,6-Dinitro-2-methylphenol		840000	U	84000	840000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-LS**

Lab Sample ID: 680-56861-11 Date Sampled: 04/15/2010 1110
Client Matrix: Solid % Moisture: 59.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1016.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/04/2010 1021			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		840000	U	410000	840000
2,4-Dinitrotoluene		160000	U	24000	160000
2,6-Dinitrotoluene		160000	U	21000	160000
Di-n-octyl phthalate		160000	U	14000	160000
Dinoseb		160000	U	79000	160000
1,4-Dioxane		160000	U	59000	160000
Disulfoton		160000	U	8400	160000
Ethyl methanesulfonate		160000	U	15000	160000
Ethyl Parathion		160000	U	11000	160000
Famphur		160000	U	14000	160000
Fluoranthene		160000	U	16000	160000
Fluorene		160000	U	18000	160000
Hexachlorobenzene		160000	U	19000	160000
Hexachlorobutadiene		160000	U	18000	160000
Hexachlorocyclopentadiene		160000	U	20000	160000
Hexachloroethane		160000	U	14000	160000
Hexachlorophene		84000000	U	6400000	84000000
Hexachloropropene		160000	U	14000	160000
Indeno[1,2,3-cd]pyrene		160000	U	14000	160000
Isophorone		160000	U	16000	160000
Isosafrole		160000	U	12000	160000
Methapyrilene		33000000	U	410000	33000000
3-Methylcholanthrene		160000	U	20000	160000
Methyl methanesulfonate		160000	U	8400	160000
2-Methylnaphthalene		160000	U	19000	160000
Methyl parathion		160000	U	13000	160000
2-Methylphenol		160000	U	13000	160000
3 & 4 Methylphenol		160000	U	21000	160000
Naphthalene		160000	U	15000	160000
1,4-Naphthoquinone		160000	U	8400	160000
1-Naphthylamine		160000	U	32000	160000
2-Naphthylamine		160000	U	17000	160000
2-Nitroaniline		840000	U	22000	840000
3-Nitroaniline		840000	U	23000	840000
4-Nitroaniline		840000	U	24000	840000
Nitrobenzene		160000	U	13000	160000
2-Nitrophenol		160000	U	20000	160000
4-Nitrophenol		840000	U	160000	840000
4-Nitroquinoline-1-oxide		1600000	U	410000	1600000
N-Nitro-o-toluidine		160000	U	13000	160000
N-Nitrosodiethylamine		160000	U	14000	160000
N-Nitrosodimethylamine		160000	U	59000	160000
N-Nitrosodi-n-butylamine		160000	U	12000	160000
N-Nitrosodi-n-propylamine		160000	U	16000	160000
N-Nitrosodiphenylamine		160000	U	16000	160000
N-Nitrosomethylethylamine		160000	U	12000	160000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-LS**

Lab Sample ID: 680-56861-11 Date Sampled: 04/15/2010 1110
Client Matrix: Solid % Moisture: 59.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1016.d
Dilution:	10			Initial Weight/Volume:	30.05 g
Date Analyzed:	05/04/2010 1021			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		160000	U	13000	160000
N-Nitrosopiperidine		160000	U	10000	160000
N-Nitrosopyrrolidine		160000	U	8800	160000
o,o',o''-Triethylphosphorothioate		160000	U	20000	160000
p-Dimethylamino azobenzene		160000	U	9300	160000
Pentachlorobenzene		160000	U	12000	160000
Pentachloronitrobenzene		160000	U	10000	160000
Pentachlorophenol		840000	U	160000	840000
Phenacetin		160000	U	16000	160000
Phenanthrene		160000	U	13000	160000
Phenol		160000	U	17000	160000
Phorate		160000	U	11000	160000
2-Picoline		160000	U	8400	160000
p-Phenylene diamine		840000	U	410000	840000
Pronamide		160000	U	12000	160000
Pyrene		160000	U	13000	160000
Pyridine		160000	U	14000	160000
Safrole, Total		160000	U	12000	160000
Sulfotepp		160000	U	9800	160000
1,2,4,5-Tetrachlorobenzene		160000	U	15000	160000
2,3,4,6-Tetrachlorophenol		160000	U	11000	160000
Thionazin		160000	U	11000	160000
2-Toluidine		160000	U	17000	160000
1,2,4-Trichlorobenzene		160000	U	15000	160000
2,4,5-Trichlorophenol		160000	U	17000	160000
2,4,6-Trichlorophenol		160000	U	14000	160000
1,3,5-Trinitrobenzene		160000	U	84000	160000
Diphenyl ether		2500000		17000	160000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-US**

Lab Sample ID: 680-56861-12 Date Sampled: 04/15/2010 1145
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1017.d
Dilution:	10			Initial Weight/Volume:	30.18 g
Date Analyzed:	05/04/2010 1045			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		190000	U	24000	190000
Acenaphthylene		190000	U	21000	190000
Acetophenone		190000	U	16000	190000
2-Acetylaminofluorene		190000	U	16000	190000
alpha,alpha-Dimethyl phenethylamine		39000000	U	1600000	39000000
4-Aminobiphenyl		190000	U	21000	190000
Aniline		380000	U	20000	380000
Anthracene		190000	U	14000	190000
Aramite, Total		190000	U	33000	190000
Benzo[a]anthracene		190000	U	16000	190000
Benzo[a]pyrene		190000	U	30000	190000
Benzo[b]fluoranthene		190000	U	22000	190000
Benzo[g,h,i]perylene		190000	U	13000	190000
Benzo[k]fluoranthene		190000	U	37000	190000
Benzyl alcohol		190000	U	19000	190000
1,1'-Biphenyl		160000	J	16000	190000
Bis(2-chloroethoxy)methane		190000	U	22000	190000
Bis(2-chloroethyl)ether		190000	U	26000	190000
bis(chloroisopropyl) ether		190000	U	17000	190000
Bis(2-ethylhexyl) phthalate		190000	U	19000	190000
4-Bromophenyl phenyl ether		190000	U	21000	190000
Butyl benzyl phthalate		190000	U	15000	190000
4-Chloroaniline		380000	U	30000	380000
4-Chloro-3-methylphenol		190000	U	20000	190000
2-Chloronaphthalene		190000	U	22000	190000
2-Chlorophenol		190000	U	23000	190000
4-Chlorophenyl phenyl ether		190000	U	21000	190000
Chrysene		190000	U	12000	190000
Diallate		190000	U	98000	190000
Dibenz(a,h)anthracene		190000	U	14000	190000
Dibenzofuran		190000	U	19000	190000
1,2-Dichlorobenzene		190000	U	21000	190000
1,3-Dichlorobenzene		190000	U	20000	190000
1,4-Dichlorobenzene		190000	U	20000	190000
3,3'-Dichlorobenzidine		380000	U	16000	380000
2,4-Dichlorophenol		190000	U	20000	190000
2,6-Dichlorophenol		190000	U	16000	190000
Diethyl phthalate		190000	U	20000	190000
Dimethoate		190000	U	14000	190000
7,12-Dimethylbenz(a)anthracene		190000	U	9800	190000
3,3'-Dimethylbenzidine		980000	U	480000	980000
2,4-Dimethylphenol		190000	U	25000	190000
Dimethyl phthalate		190000	U	20000	190000
Di-n-butyl phthalate		190000	U	17000	190000
1,3-Dinitrobenzene		190000	U	14000	190000
4,6-Dinitro-2-methylphenol		980000	U	98000	980000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-US**

Lab Sample ID: 680-56861-12 Date Sampled: 04/15/2010 1145
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1017.d
Dilution:	10			Initial Weight/Volume:	30.18 g
Date Analyzed:	05/04/2010 1045			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		980000	U	480000	980000
2,4-Dinitrotoluene		190000	U	28000	190000
2,6-Dinitrotoluene		190000	U	24000	190000
Di-n-octyl phthalate		190000	U	17000	190000
Dinoseb		190000	U	92000	190000
1,4-Dioxane		190000	U	69000	190000
Disulfoton		190000	U	9800	190000
Ethyl methanesulfonate		190000	U	18000	190000
Ethyl Parathion		190000	U	13000	190000
Famphur		190000	U	17000	190000
Fluoranthene		190000	U	18000	190000
Fluorene		190000	U	21000	190000
Hexachlorobenzene		190000	U	22000	190000
Hexachlorobutadiene		190000	U	21000	190000
Hexachlorocyclopentadiene		190000	U	24000	190000
Hexachloroethane		190000	U	16000	190000
Hexachlorophene		98000000	U	7500000	98000000
Hexachloropropene		190000	U	17000	190000
Indeno[1,2,3-cd]pyrene		190000	U	16000	190000
Isophorone		190000	U	19000	190000
Isosafrole		190000	U	14000	190000
Methapyrilene		39000000	U	480000	39000000
3-Methylcholanthrene		190000	U	24000	190000
Methyl methanesulfonate		190000	U	9800	190000
2-Methylnaphthalene		190000	U	22000	190000
Methyl parathion		190000	U	15000	190000
2-Methylphenol		190000	U	16000	190000
3 & 4 Methylphenol		190000	U	25000	190000
Naphthalene		190000	U	17000	190000
1,4-Naphthoquinone		190000	U	9800	190000
1-Naphthylamine		190000	U	38000	190000
2-Naphthylamine		190000	U	20000	190000
2-Nitroaniline		980000	U	26000	980000
3-Nitroaniline		980000	U	26000	980000
4-Nitroaniline		980000	U	28000	980000
Nitrobenzene		190000	U	15000	190000
2-Nitrophenol		190000	U	24000	190000
4-Nitrophenol		980000	U	190000	980000
4-Nitroquinoline-1-oxide		1900000	U	480000	1900000
N-Nitro-o-toluidine		190000	U	15000	190000
N-Nitrosodiethylamine		190000	U	16000	190000
N-Nitrosodimethylamine		190000	U	69000	190000
N-Nitrosodi-n-butylamine		190000	U	14000	190000
N-Nitrosodi-n-propylamine		190000	U	18000	190000
N-Nitrosodiphenylamine		190000	U	19000	190000
N-Nitrosomethylethylamine		190000	U	14000	190000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-US**

Lab Sample ID: 680-56861-12 Date Sampled: 04/15/2010 1145
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1017.d
Dilution:	10			Initial Weight/Volume:	30.18 g
Date Analyzed:	05/04/2010 1045			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		190000	U	16000	190000
N-Nitrosopiperidine		190000	U	12000	190000
N-Nitrosopyrrolidine		190000	U	10000	190000
o,o',o''-Triethylphosphorothioate		190000	U	23000	190000
p-Dimethylamino azobenzene		190000	U	11000	190000
Pentachlorobenzene		190000	U	14000	190000
Pentachloronitrobenzene		190000	U	12000	190000
Pentachlorophenol		980000	U	190000	980000
Phenacetin		190000	U	19000	190000
Phenanthrene		190000	U	16000	190000
Phenol		190000	U	20000	190000
Phorate		190000	U	13000	190000
2-Picoline		190000	U	9800	190000
p-Phenylene diamine		980000	U	480000	980000
Pronamide		190000	U	14000	190000
Pyrene		190000	U	16000	190000
Pyridine		190000	U	17000	190000
Safrole, Total		190000	U	14000	190000
Sulfotepp		190000	U	12000	190000
1,2,4,5-Tetrachlorobenzene		190000	U	18000	190000
2,3,4,6-Tetrachlorophenol		190000	U	13000	190000
Thionazin		190000	U	13000	190000
2-Toluidine		190000	U	20000	190000
1,2,4-Trichlorobenzene		190000	U	18000	190000
2,4,5-Trichlorophenol		190000	U	20000	190000
2,4,6-Trichlorophenol		190000	U	17000	190000
1,3,5-Trinitrobenzene		190000	U	98000	190000
Diphenyl ether		530000		20000	190000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-US**

Lab Sample ID: 680-56861-13 Date Sampled: 04/15/2010 1415
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1018.d
Dilution:	10			Initial Weight/Volume:	30.07 g
Date Analyzed:	05/04/2010 1108			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		190000	U	24000	190000
Acenaphthylene		190000	U	21000	190000
Acetophenone		190000	U	16000	190000
2-Acetylaminofluorene		190000	U	16000	190000
alpha,alpha-Dimethyl phenethylamine		39000000	U	1600000	39000000
4-Aminobiphenyl		190000	U	21000	190000
Aniline		380000	U	20000	380000
Anthracene		190000	U	14000	190000
Aramite, Total		190000	U	33000	190000
Benzo[a]anthracene		190000	U	16000	190000
Benzo[a]pyrene		190000	U	30000	190000
Benzo[b]fluoranthene		190000	U	22000	190000
Benzo[g,h,i]perylene		190000	U	13000	190000
Benzo[k]fluoranthene		190000	U	38000	190000
Benzyl alcohol		190000	U	19000	190000
1,1'-Biphenyl		140000	J	16000	190000
Bis(2-chloroethoxy)methane		190000	U	23000	190000
Bis(2-chloroethyl)ether		190000	U	26000	190000
bis(chloroisopropyl) ether		190000	U	17000	190000
Bis(2-ethylhexyl) phthalate		190000	U	19000	190000
4-Bromophenyl phenyl ether		190000	U	21000	190000
Butyl benzyl phthalate		190000	U	15000	190000
4-Chloroaniline		380000	U	30000	380000
4-Chloro-3-methylphenol		190000	U	20000	190000
2-Chloronaphthalene		190000	U	23000	190000
2-Chlorophenol		190000	U	23000	190000
4-Chlorophenyl phenyl ether		190000	U	21000	190000
Chrysene		190000	U	12000	190000
Diallate		190000	U	98000	190000
Dibenz(a,h)anthracene		190000	U	14000	190000
Dibenzofuran		190000	U	19000	190000
1,2-Dichlorobenzene		190000	U	21000	190000
1,3-Dichlorobenzene		190000	U	20000	190000
1,4-Dichlorobenzene		190000	U	20000	190000
3,3'-Dichlorobenzidine		380000	U	16000	380000
2,4-Dichlorophenol		190000	U	20000	190000
2,6-Dichlorophenol		190000	U	16000	190000
Diethyl phthalate		190000	U	20000	190000
Dimethoate		190000	U	14000	190000
7,12-Dimethylbenz(a)anthracene		190000	U	9800	190000
3,3'-Dimethylbenzidine		980000	U	480000	980000
2,4-Dimethylphenol		190000	U	25000	190000
Dimethyl phthalate		190000	U	20000	190000
Di-n-butyl phthalate		190000	U	17000	190000
1,3-Dinitrobenzene		190000	U	14000	190000
4,6-Dinitro-2-methylphenol		980000	U	98000	980000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-US**

Lab Sample ID: 680-56861-13 Date Sampled: 04/15/2010 1415
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1018.d
Dilution:	10			Initial Weight/Volume:	30.07 g
Date Analyzed:	05/04/2010 1108			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		980000	U	480000	980000
2,4-Dinitrotoluene		190000	U	28000	190000
2,6-Dinitrotoluene		190000	U	24000	190000
Di-n-octyl phthalate		190000	U	17000	190000
Dinoseb		190000	U	92000	190000
1,4-Dioxane		190000	U	69000	190000
Disulfoton		190000	U	9800	190000
Ethyl methanesulfonate		190000	U	18000	190000
Ethyl Parathion		190000	U	13000	190000
Famphur		190000	U	17000	190000
Fluoranthene		190000	U	18000	190000
Fluorene		190000	U	21000	190000
Hexachlorobenzene		190000	U	23000	190000
Hexachlorobutadiene		190000	U	21000	190000
Hexachlorocyclopentadiene		190000	U	24000	190000
Hexachloroethane		190000	U	16000	190000
Hexachlorophene		98000000	U	7500000	98000000
Hexachloropropene		190000	U	17000	190000
Indeno[1,2,3-cd]pyrene		190000	U	16000	190000
Isophorone		190000	U	19000	190000
Isosafrole		190000	U	14000	190000
Methapyrilene		39000000	U	480000	39000000
3-Methylcholanthrene		190000	U	24000	190000
Methyl methanesulfonate		190000	U	9800	190000
2-Methylnaphthalene		190000	U	22000	190000
Methyl parathion		190000	U	15000	190000
2-Methylphenol		190000	U	16000	190000
3 & 4 Methylphenol		190000	U	25000	190000
Naphthalene		190000	U	17000	190000
1,4-Naphthoquinone		190000	U	9800	190000
1-Naphthylamine		190000	U	38000	190000
2-Naphthylamine		190000	U	20000	190000
2-Nitroaniline		980000	U	26000	980000
3-Nitroaniline		980000	U	27000	980000
4-Nitroaniline		980000	U	28000	980000
Nitrobenzene		190000	U	15000	190000
2-Nitrophenol		190000	U	24000	190000
4-Nitrophenol		980000	U	190000	980000
4-Nitroquinoline-1-oxide		1900000	U	480000	1900000
N-Nitro-o-toluidine		190000	U	15000	190000
N-Nitrosodiethylamine		190000	U	16000	190000
N-Nitrosodimethylamine		190000	U	69000	190000
N-Nitrosodi-n-butylamine		190000	U	14000	190000
N-Nitrosodi-n-propylamine		190000	U	18000	190000
N-Nitrosodiphenylamine		190000	U	19000	190000
N-Nitrosomethylethylamine		190000	U	14000	190000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-US**

Lab Sample ID: 680-56861-13 Date Sampled: 04/15/2010 1415
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1018.d
Dilution:	10			Initial Weight/Volume:	30.07 g
Date Analyzed:	05/04/2010 1108			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		190000	U	16000	190000
N-Nitrosopiperidine		190000	U	12000	190000
N-Nitrosopyrrolidine		190000	U	10000	190000
o,o',o''-Triethylphosphorothioate		190000	U	23000	190000
p-Dimethylamino azobenzene		190000	U	11000	190000
Pentachlorobenzene		190000	U	14000	190000
Pentachloronitrobenzene		190000	U	12000	190000
Pentachlorophenol		980000	U	190000	980000
Phenacetin		190000	U	19000	190000
Phenanthrene		190000	U	16000	190000
Phenol		190000	U	20000	190000
Phorate		190000	U	13000	190000
2-Picoline		190000	U	9800	190000
p-Phenylene diamine		980000	U	480000	980000
Pronamide		190000	U	14000	190000
Pyrene		190000	U	16000	190000
Pyridine		190000	U	17000	190000
Safrole, Total		190000	U	14000	190000
Sulfotepp		190000	U	12000	190000
1,2,4,5-Tetrachlorobenzene		190000	U	18000	190000
2,3,4,6-Tetrachlorophenol		190000	U	13000	190000
Thionazin		190000	U	13000	190000
2-Toluidine		190000	U	20000	190000
1,2,4-Trichlorobenzene		190000	U	18000	190000
2,4,5-Trichlorophenol		190000	U	20000	190000
2,4,6-Trichlorophenol		190000	U	17000	190000
1,3,5-Trinitrobenzene		190000	U	98000	190000
Diphenyl ether		400000		20000	190000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-NS**

Lab Sample ID: 680-56861-14 Date Sampled: 04/15/2010 1505
Client Matrix: Solid % Moisture: 16.9 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1019.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1132			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		4000	U	490	4000
Acenaphthylene		4000	U	430	4000
Acetophenone		4000	U	340	4000
2-Acetylaminofluorene		4000	U	340	4000
alpha,alpha-Dimethyl phenethylamine		810000	U	32000	810000
4-Aminobiphenyl		4000	U	450	4000
Aniline		7900	U	410	7900
Anthracene		4000	U	300	4000
Aramite, Total		4000	U	690	4000
Benzo[a]anthracene		4000	U	320	4000
Benzo[a]pyrene		4000	U	630	4000
Benzo[b]fluoranthene		4000	U	460	4000
Benzo[g,h,i]perylene		4000	U	260	4000
Benzo[k]fluoranthene		4000	U	780	4000
Benzyl alcohol		4000	U	400	4000
1,1'-Biphenyl		18000		340	4000
Bis(2-chloroethoxy)methane		4000	U	470	4000
Bis(2-chloroethyl)ether		4000	U	540	4000
bis(chloroisopropyl) ether		4000	U	360	4000
Bis(2-ethylhexyl) phthalate		4000	U	400	4000
4-Bromophenyl phenyl ether		4000	U	430	4000
Butyl benzyl phthalate		4000	U	310	4000
4-Chloroaniline		7900	U	630	7900
4-Chloro-3-methylphenol		4000	U	420	4000
2-Chloronaphthalene		4000	U	470	4000
2-Chlorophenol		4000	U	480	4000
4-Chlorophenyl phenyl ether		4000	U	450	4000
Chrysene		4000	U	250	4000
Diallate		4000	U	2000	4000
Dibenz(a,h)anthracene		4000	U	290	4000
Dibenzofuran		4000	U	400	4000
1,2-Dichlorobenzene		4000	U	450	4000
1,3-Dichlorobenzene		4000	U	410	4000
1,4-Dichlorobenzene		4000	U	420	4000
3,3'-Dichlorobenzidine		7900	U	340	7900
2,4-Dichlorophenol		4000	U	420	4000
2,6-Dichlorophenol		4000	U	320	4000
Diethyl phthalate		4000	U	420	4000
Dimethoate		4000	U	300	4000
7,12-Dimethylbenz(a)anthracene		4000	U	200	4000
3,3'-Dimethylbenzidine		20000	U	10000	20000
2,4-Dimethylphenol		4000	U	530	4000
Dimethyl phthalate		4000	U	410	4000
Di-n-butyl phthalate		4000	U	360	4000
1,3-Dinitrobenzene		4000	U	290	4000
4,6-Dinitro-2-methylphenol		20000	U	2000	20000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-NS**

Lab Sample ID: 680-56861-14 Date Sampled: 04/15/2010 1505
Client Matrix: Solid % Moisture: 16.9 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1019.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1132			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		20000	U	10000	20000
2,4-Dinitrotoluene		4000	U	590	4000
2,6-Dinitrotoluene		4000	U	510	4000
Di-n-octyl phthalate		4000	U	350	4000
Dinoseb		4000	U	1900	4000
1,4-Dioxane		4000	U	1400	4000
Disulfoton		410	J	200	4000
Ethyl methanesulfonate		4000	U	370	4000
Ethyl Parathion		4000	U	260	4000
Famphur		4000	U	350	4000
Fluoranthene		4000	U	380	4000
Fluorene		4000	U	430	4000
Hexachlorobenzene		4000	U	470	4000
Hexachlorobutadiene		4000	U	430	4000
Hexachlorocyclopentadiene		4000	U	490	4000
Hexachloroethane		4000	U	340	4000
Hexachlorophene		2000000	U	160000	2000000
Hexachloropropene		4000	U	350	4000
Indeno[1,2,3-cd]pyrene		4000	U	340	4000
Isophorone		4000	U	400	4000
Isosafrole		4000	U	290	4000
Methapyrilene		810000	U	10000	810000
3-Methylcholanthrene		4000	U	490	4000
Methyl methanesulfonate		4000	U	200	4000
2-Methylnaphthalene		4000	U	460	4000
Methyl parathion		4000	U	310	4000
2-Methylphenol		4000	U	320	4000
3 & 4 Methylphenol		530	J	520	4000
Naphthalene		4000	U	360	4000
1,4-Naphthoquinone		4000	U	200	4000
1-Naphthylamine		4000	U	790	4000
2-Naphthylamine		4000	U	410	4000
2-Nitroaniline		20000	U	540	20000
3-Nitroaniline		20000	U	550	20000
4-Nitroaniline		20000	U	590	20000
Nitrobenzene		4000	U	310	4000
2-Nitrophenol		4000	U	490	4000
4-Nitrophenol		20000	U	4000	20000
4-Nitroquinoline-1-oxide		40000	U	10000	40000
N-Nitro-o-toluidine		4000	U	310	4000
N-Nitrosodiethylamine		4000	U	340	4000
N-Nitrosodimethylamine		4000	U	1400	4000
N-Nitrosodi-n-butylamine		4000	U	290	4000
N-Nitrosodi-n-propylamine		4000	U	380	4000
N-Nitrosodiphenylamine		4000	U	400	4000
N-Nitrosomethylethylamine		4000	U	300	4000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-NS**

Lab Sample ID: 680-56861-14 Date Sampled: 04/15/2010 1505
Client Matrix: Solid % Moisture: 16.9 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1019.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1132			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		4000	U	320	4000
N-Nitrosopiperidine		4000	U	250	4000
N-Nitrosopyrrolidine		4000	U	220	4000
o,o',o''-Triethylphosphorothioate		4000	U	480	4000
p-Dimethylamino azobenzene		4000	U	230	4000
Pentachlorobenzene		4000	U	300	4000
Pentachloronitrobenzene		4000	U	250	4000
Pentachlorophenol		20000	U	4000	20000
Phenacetin		4000	U	400	4000
Phenanthrene		4000	U	320	4000
Phenol		4000	U	410	4000
Phorate		4000	U	260	4000
2-Picoline		4000	U	200	4000
p-Phenylene diamine		20000	U	10000	20000
Pronamide		4000	U	290	4000
Pyrene		490	J	320	4000
Pyridine		4000	U	350	4000
Safrole, Total		4000	U	290	4000
Sulfotepp		4000	U	240	4000
1,2,4,5-Tetrachlorobenzene		4000	U	370	4000
2,3,4,6-Tetrachlorophenol		4000	U	260	4000
Thionazin		4000	U	280	4000
2-Toluidine		4000	U	420	4000
1,2,4-Trichlorobenzene		4000	U	370	4000
2,4,5-Trichlorophenol		4000	U	420	4000
2,4,6-Trichlorophenol		4000	U	350	4000
1,3,5-Trinitrobenzene		4000	U	2000	4000
Diphenyl ether		59000		410	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-LS**

Lab Sample ID: 680-56861-15 Date Sampled: 04/15/2010 1520
Client Matrix: Solid % Moisture: 70.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1020.d
Dilution:	10			Initial Weight/Volume:	30.15 g
Date Analyzed:	05/04/2010 1156			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		110000	U	14000	110000
Acenaphthylene		110000	U	12000	110000
Acetophenone		110000	U	9500	110000
2-Acetylaminofluorene		110000	U	9500	110000
alpha,alpha-Dimethyl phenethylamine		23000000	U	920000	23000000
4-Aminobiphenyl		110000	U	13000	110000
Aniline		220000	U	12000	220000
Anthracene		110000	U	8500	110000
Aramite, Total		110000	U	19000	110000
Benzo[a]anthracene		110000	U	9200	110000
Benzo[a]pyrene		110000	U	18000	110000
Benzo[b]fluoranthene		110000	U	13000	110000
Benzo[g,h,i]perylene		110000	U	7500	110000
Benzo[k]fluoranthene		110000	U	22000	110000
Benzyl alcohol		110000	U	11000	110000
1,1'-Biphenyl		620000		9500	110000
Bis(2-chloroethoxy)methane		110000	U	13000	110000
Bis(2-chloroethyl)ether		110000	U	15000	110000
bis(chloroisopropyl) ether		110000	U	10000	110000
Bis(2-ethylhexyl) phthalate		110000	U	11000	110000
4-Bromophenyl phenyl ether		110000	U	12000	110000
Butyl benzyl phthalate		110000	U	8800	110000
4-Chloroaniline		220000	U	18000	220000
4-Chloro-3-methylphenol		110000	U	12000	110000
2-Chloronaphthalene		110000	U	13000	110000
2-Chlorophenol		110000	U	14000	110000
4-Chlorophenyl phenyl ether		110000	U	13000	110000
Chrysene		110000	U	7100	110000
Diallate		110000	U	58000	110000
Dibenz(a,h)anthracene		110000	U	8100	110000
Dibenzofuran		110000	U	11000	110000
1,2-Dichlorobenzene		110000	U	13000	110000
1,3-Dichlorobenzene		110000	U	12000	110000
1,4-Dichlorobenzene		110000	U	12000	110000
3,3'-Dichlorobenzidine		220000	U	9500	220000
2,4-Dichlorophenol		110000	U	12000	110000
2,6-Dichlorophenol		110000	U	9200	110000
Diethyl phthalate		110000	U	12000	110000
Dimethoate		110000	U	8500	110000
7,12-Dimethylbenz(a)anthracene		110000	U	5800	110000
3,3'-Dimethylbenzidine		580000	U	280000	580000
2,4-Dimethylphenol		110000	U	15000	110000
Dimethyl phthalate		110000	U	12000	110000
Di-n-butyl phthalate		110000	U	10000	110000
1,3-Dinitrobenzene		110000	U	8100	110000
4,6-Dinitro-2-methylphenol		580000	U	58000	580000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-LS**

Lab Sample ID: 680-56861-15 Date Sampled: 04/15/2010 1520
Client Matrix: Solid % Moisture: 70.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1020.d
Dilution:	10			Initial Weight/Volume:	30.15 g
Date Analyzed:	05/04/2010 1156			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		580000	U	280000	580000
2,4-Dinitrotoluene		110000	U	17000	110000
2,6-Dinitrotoluene		110000	U	14000	110000
Di-n-octyl phthalate		110000	U	9800	110000
Dinoseb		110000	U	54000	110000
1,4-Dioxane		110000	U	41000	110000
Disulfoton		110000	U	5800	110000
Ethyl methanesulfonate		110000	U	11000	110000
Ethyl Parathion		110000	U	7500	110000
Famphur		110000	U	9800	110000
Fluoranthene		110000	U	11000	110000
Fluorene		110000	U	12000	110000
Hexachlorobenzene		110000	U	13000	110000
Hexachlorobutadiene		110000	U	12000	110000
Hexachlorocyclopentadiene		110000	U	14000	110000
Hexachloroethane		110000	U	9500	110000
Hexachlorophene		58000000	U	4400000	58000000
Hexachloropropene		110000	U	9800	110000
Indeno[1,2,3-cd]pyrene		110000	U	9500	110000
Isophorone		110000	U	11000	110000
Isosafrole		110000	U	8100	110000
Methapyrilene		23000000	U	280000	23000000
3-Methylcholanthrene		110000	U	14000	110000
Methyl methanesulfonate		110000	U	5800	110000
2-Methylnaphthalene		110000	U	13000	110000
Methyl parathion		110000	U	8800	110000
2-Methylphenol		110000	U	9200	110000
3 & 4 Methylphenol		25000	J	15000	110000
Naphthalene		110000	U	10000	110000
1,4-Naphthoquinone		110000	U	5800	110000
1-Naphthylamine		110000	U	22000	110000
2-Naphthylamine		110000	U	12000	110000
2-Nitroaniline		580000	U	15000	580000
3-Nitroaniline		580000	U	16000	580000
4-Nitroaniline		580000	U	17000	580000
Nitrobenzene		110000	U	8800	110000
2-Nitrophenol		110000	U	14000	110000
4-Nitrophenol		580000	U	110000	580000
4-Nitroquinoline-1-oxide		1100000	U	280000	1100000
N-Nitro-o-toluidine		110000	U	8800	110000
N-Nitrosodiethylamine		110000	U	9500	110000
N-Nitrosodimethylamine		110000	U	41000	110000
N-Nitrosodi-n-butylamine		110000	U	8100	110000
N-Nitrosodi-n-propylamine		110000	U	11000	110000
N-Nitrosodiphenylamine		110000	U	11000	110000
N-Nitrosomethylethylamine		110000	U	8500	110000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-LS**

Lab Sample ID: 680-56861-15 Date Sampled: 04/15/2010 1520
Client Matrix: Solid % Moisture: 70.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1020.d
Dilution:	10			Initial Weight/Volume:	30.15 g
Date Analyzed:	05/04/2010 1156			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		110000	U	9200	110000
N-Nitrosopiperidine		110000	U	7100	110000
N-Nitrosopyrrolidine		110000	U	6100	110000
o,o',o''-Triethylphosphorothioate		110000	U	14000	110000
p-Dimethylamino azobenzene		110000	U	6500	110000
Pentachlorobenzene		110000	U	8500	110000
Pentachloronitrobenzene		110000	U	7100	110000
Pentachlorophenol		580000	U	110000	580000
Phenacetin		110000	U	11000	110000
Phenanthrene		110000	U	9200	110000
Phenol		110000	U	12000	110000
Phorate		110000	U	7500	110000
2-Picoline		110000	U	5800	110000
p-Phenylene diamine		580000	U	280000	580000
Pronamide		110000	U	8100	110000
Pyrene		110000	U	9200	110000
Pyridine		110000	U	9800	110000
Safrole, Total		110000	U	8100	110000
Sulfotepp		110000	U	6800	110000
1,2,4,5-Tetrachlorobenzene		110000	U	11000	110000
2,3,4,6-Tetrachlorophenol		110000	U	7500	110000
Thionazin		110000	U	7800	110000
2-Toluidine		110000	U	12000	110000
1,2,4-Trichlorobenzene		110000	U	11000	110000
2,4,5-Trichlorophenol		110000	U	12000	110000
2,4,6-Trichlorophenol		110000	U	9800	110000
1,3,5-Trinitrobenzene		110000	U	58000	110000
Diphenyl ether		2100000		12000	110000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-US**

Lab Sample ID: 680-56861-16 Date Sampled: 04/15/2010 1525
Client Matrix: Solid % Moisture: 73.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1021.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1219			Final Weight/Volume:	15 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		190000	U	23000	190000
Acenaphthylene		190000	U	21000	190000
Acetophenone		190000	U	16000	190000
2-Acetylaminofluorene		190000	U	16000	190000
alpha,alpha-Dimethyl phenethylamine		38000000	U	1500000	38000000
4-Aminobiphenyl		190000	U	21000	190000
Aniline		380000	U	19000	380000
Anthracene		190000	U	14000	190000
Aramite, Total		190000	U	33000	190000
Benzo[a]anthracene		190000	U	15000	190000
Benzo[a]pyrene		190000	U	30000	190000
Benzo[b]fluoranthene		190000	U	22000	190000
Benzo[g,h,i]perylene		190000	U	13000	190000
Benzo[k]fluoranthene		190000	U	37000	190000
Benzyl alcohol		190000	U	19000	190000
1,1'-Biphenyl		230000		16000	190000
Bis(2-chloroethoxy)methane		190000	U	22000	190000
Bis(2-chloroethyl)ether		190000	U	26000	190000
bis(chloroisopropyl) ether		190000	U	17000	190000
Bis(2-ethylhexyl) phthalate		190000	U	19000	190000
4-Bromophenyl phenyl ether		190000	U	21000	190000
Butyl benzyl phthalate		190000	U	15000	190000
4-Chloroaniline		380000	U	30000	380000
4-Chloro-3-methylphenol		190000	U	20000	190000
2-Chloronaphthalene		190000	U	22000	190000
2-Chlorophenol		190000	U	23000	190000
4-Chlorophenyl phenyl ether		190000	U	21000	190000
Chrysene		190000	U	12000	190000
Diallate		190000	U	97000	190000
Dibenz(a,h)anthracene		190000	U	14000	190000
Dibenzofuran		190000	U	19000	190000
1,2-Dichlorobenzene		190000	U	21000	190000
1,3-Dichlorobenzene		190000	U	19000	190000
1,4-Dichlorobenzene		190000	U	20000	190000
3,3'-Dichlorobenzidine		380000	U	16000	380000
2,4-Dichlorophenol		190000	U	20000	190000
2,6-Dichlorophenol		190000	U	15000	190000
Diethyl phthalate		190000	U	20000	190000
Dimethoate		190000	U	14000	190000
7,12-Dimethylbenz(a)anthracene		190000	U	9700	190000
3,3'-Dimethylbenzidine		970000	U	480000	970000
2,4-Dimethylphenol		190000	U	25000	190000
Dimethyl phthalate		190000	U	19000	190000
Di-n-butyl phthalate		190000	U	17000	190000
1,3-Dinitrobenzene		190000	U	14000	190000
4,6-Dinitro-2-methylphenol		970000	U	97000	970000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-US**

Lab Sample ID: 680-56861-16 Date Sampled: 04/15/2010 1525
Client Matrix: Solid % Moisture: 73.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1021.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1219			Final Weight/Volume:	15 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		970000	U	470000	970000
2,4-Dinitrotoluene		190000	U	28000	190000
2,6-Dinitrotoluene		190000	U	24000	190000
Di-n-octyl phthalate		190000	U	17000	190000
Dinoseb		190000	U	91000	190000
1,4-Dioxane		190000	U	68000	190000
Disulfoton		190000	U	9700	190000
Ethyl methanesulfonate		190000	U	18000	190000
Ethyl Parathion		190000	U	13000	190000
Famphur		190000	U	17000	190000
Fluoranthene		190000	U	18000	190000
Fluorene		190000	U	21000	190000
Hexachlorobenzene		190000	U	22000	190000
Hexachlorobutadiene		190000	U	21000	190000
Hexachlorocyclopentadiene		190000	U	23000	190000
Hexachloroethane		190000	U	16000	190000
Hexachlorophene		97000000	U	7400000	97000000
Hexachloropropene		190000	U	17000	190000
Indeno[1,2,3-cd]pyrene		190000	U	16000	190000
Isophorone		190000	U	19000	190000
Isosafrole		190000	U	14000	190000
Methapyrilene		38000000	U	470000	38000000
3-Methylcholanthrene		190000	U	23000	190000
Methyl methanesulfonate		190000	U	9700	190000
2-Methylnaphthalene		190000	U	22000	190000
Methyl parathion		190000	U	15000	190000
2-Methylphenol		190000	U	15000	190000
3 & 4 Methylphenol		190000	U	25000	190000
Naphthalene		190000	U	17000	190000
1,4-Naphthoquinone		190000	U	9700	190000
1-Naphthylamine		190000	U	38000	190000
2-Naphthylamine		190000	U	19000	190000
2-Nitroaniline		970000	U	26000	970000
3-Nitroaniline		970000	U	26000	970000
4-Nitroaniline		970000	U	28000	970000
Nitrobenzene		190000	U	15000	190000
2-Nitrophenol		190000	U	23000	190000
4-Nitrophenol		970000	U	190000	970000
4-Nitroquinoline-1-oxide		1900000	U	470000	1900000
N-Nitro-o-toluidine		190000	U	15000	190000
N-Nitrosodiethylamine		190000	U	16000	190000
N-Nitrosodimethylamine		190000	U	68000	190000
N-Nitrosodi-n-butylamine		190000	U	14000	190000
N-Nitrosodi-n-propylamine		190000	U	18000	190000
N-Nitrosodiphenylamine		190000	U	19000	190000
N-Nitrosomethylethylamine		190000	U	14000	190000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-US**

Lab Sample ID: 680-56861-16 Date Sampled: 04/15/2010 1525
Client Matrix: Solid % Moisture: 73.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1021.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1219			Final Weight/Volume:	15 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		190000	U	15000	190000
N-Nitrosopiperidine		190000	U	12000	190000
N-Nitrosopyrrolidine		190000	U	10000	190000
o,o',o''-Triethylphosphorothioate		190000	U	23000	190000
p-Dimethylamino azobenzene		190000	U	11000	190000
Pentachlorobenzene		190000	U	14000	190000
Pentachloronitrobenzene		190000	U	12000	190000
Pentachlorophenol		970000	U	190000	970000
Phenacetin		190000	U	19000	190000
Phenanthrene		190000	U	15000	190000
Phenol		190000	U	19000	190000
Phorate		190000	U	13000	190000
2-Picoline		190000	U	9700	190000
p-Phenylene diamine		970000	U	480000	970000
Pronamide		190000	U	14000	190000
Pyrene		190000	U	15000	190000
Pyridine		190000	U	17000	190000
Safrole, Total		190000	U	14000	190000
Sulfotepp		190000	U	11000	190000
1,2,4,5-Tetrachlorobenzene		190000	U	18000	190000
2,3,4,6-Tetrachlorophenol		190000	U	13000	190000
Thionazin		190000	U	13000	190000
2-Toluidine		190000	U	20000	190000
1,2,4-Trichlorobenzene		190000	U	18000	190000
2,4,5-Trichlorophenol		190000	U	20000	190000
2,4,6-Trichlorophenol		190000	U	17000	190000
1,3,5-Trinitrobenzene		190000	U	97000	190000
Diphenyl ether		680000		19000	190000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-NS**

Lab Sample ID: 680-56861-17 Date Sampled: 04/15/2010 1600
Client Matrix: Solid % Moisture: 27.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1022.d
Dilution:	10			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1243			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		4600	U	570	4600
Acenaphthylene		4600	U	500	4600
Acetophenone		4600	U	390	4600
2-Acetylaminofluorene		4600	U	390	4600
alpha,alpha-Dimethyl phenethylamine		930000	U	37000	930000
4-Aminobiphenyl		4600	U	510	4600
Aniline		9100	U	470	9100
Anthracene		4600	U	350	4600
Aramite, Total		4600	U	790	4600
Benzo[a]anthracene		4600	U	370	4600
Benzo[a]pyrene		4600	U	720	4600
Benzo[b]fluoranthene		4600	U	520	4600
Benzo[g,h,i]perylene		4600	U	300	4600
Benzo[k]fluoranthene		4600	U	900	4600
Benzyl alcohol		4600	U	460	4600
1,1'-Biphenyl		4600	U	390	4600
Bis(2-chloroethoxy)methane		4600	U	540	4600
Bis(2-chloroethyl)ether		4600	U	620	4600
bis(chloroisopropyl) ether		4600	U	410	4600
Bis(2-ethylhexyl) phthalate		4600	U	460	4600
4-Bromophenyl phenyl ether		4600	U	500	4600
Butyl benzyl phthalate		4600	U	360	4600
4-Chloroaniline		9100	U	720	9100
4-Chloro-3-methylphenol		4600	U	480	4600
2-Chloronaphthalene		4600	U	540	4600
2-Chlorophenol		4600	U	550	4600
4-Chlorophenyl phenyl ether		4600	U	510	4600
Chrysene		4600	U	290	4600
Diallate		4600	U	2300	4600
Dibenz(a,h)anthracene		4600	U	330	4600
Dibenzofuran		4600	U	460	4600
1,2-Dichlorobenzene		4600	U	510	4600
1,3-Dichlorobenzene		4600	U	470	4600
1,4-Dichlorobenzene		4600	U	480	4600
3,3'-Dichlorobenzidine		9100	U	390	9100
2,4-Dichlorophenol		4600	U	480	4600
2,6-Dichlorophenol		4600	U	370	4600
Diethyl phthalate		4600	U	480	4600
Dimethoate		4600	U	350	4600
7,12-Dimethylbenz(a)anthracene		4600	U	230	4600
3,3'-Dimethylbenzidine		23000	U	12000	23000
2,4-Dimethylphenol		4600	U	610	4600
Dimethyl phthalate		4600	U	470	4600
Di-n-butyl phthalate		4600	U	410	4600
1,3-Dinitrobenzene		4600	U	330	4600
4,6-Dinitro-2-methylphenol		23000	U	2300	23000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-NS**

Lab Sample ID: 680-56861-17 Date Sampled: 04/15/2010 1600
Client Matrix: Solid % Moisture: 27.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1022.d
Dilution:	10			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1243			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		23000	U	11000	23000
2,4-Dinitrotoluene		4600	U	680	4600
2,6-Dinitrotoluene		4600	U	580	4600
Di-n-octyl phthalate		4600	U	400	4600
Dinoseb		4600	U	2200	4600
1,4-Dioxane		4600	U	1700	4600
Disulfoton		4600	U	230	4600
Ethyl methanesulfonate		4600	U	430	4600
Ethyl Parathion		4600	U	300	4600
Famphur		4600	U	400	4600
Fluoranthene		4600	U	440	4600
Fluorene		4600	U	500	4600
Hexachlorobenzene		4600	U	540	4600
Hexachlorobutadiene		4600	U	500	4600
Hexachlorocyclopentadiene		4600	U	570	4600
Hexachloroethane		4600	U	390	4600
Hexachlorophene		2300000	U	180000	2300000
Hexachloropropene		4600	U	400	4600
Indeno[1,2,3-cd]pyrene		4600	U	390	4600
Isophorone		4600	U	460	4600
Isosafrole		4600	U	330	4600
Methapyrilene		930000	U	11000	930000
3-Methylcholanthrene		4600	U	570	4600
Methyl methanesulfonate		4600	U	230	4600
2-Methylnaphthalene		4600	U	520	4600
Methyl parathion		4600	U	360	4600
2-Methylphenol		4600	U	370	4600
3 & 4 Methylphenol		4600	U	590	4600
Naphthalene		4600	U	410	4600
1,4-Naphthoquinone		4600	U	230	4600
1-Naphthylamine		4600	U	910	4600
2-Naphthylamine		4600	U	470	4600
2-Nitroaniline		23000	U	620	23000
3-Nitroaniline		23000	U	640	23000
4-Nitroaniline		23000	U	680	23000
Nitrobenzene		4600	U	360	4600
2-Nitrophenol		4600	U	570	4600
4-Nitrophenol		23000	U	4600	23000
4-Nitroquinoline-1-oxide		46000	U	11000	46000
N-Nitro-o-toluidine		4600	U	360	4600
N-Nitrosodiethylamine		4600	U	390	4600
N-Nitrosodimethylamine		4600	U	1700	4600
N-Nitrosodi-n-butylamine		4600	U	330	4600
N-Nitrosodi-n-propylamine		4600	U	440	4600
N-Nitrosodiphenylamine		4600	U	460	4600
N-Nitrosomethylethylamine		4600	U	350	4600

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-NS**

Lab Sample ID: 680-56861-17 Date Sampled: 04/15/2010 1600
Client Matrix: Solid % Moisture: 27.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1022.d
Dilution:	10			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1243			Final Weight/Volume:	1.0 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		4600	U	370	4600
N-Nitrosopiperidine		4600	U	290	4600
N-Nitrosopyrrolidine		4600	U	250	4600
o,o',o''-Triethylphosphorothioate		4600	U	550	4600
p-Dimethylamino azobenzene		4600	U	260	4600
Pentachlorobenzene		4600	U	350	4600
Pentachloronitrobenzene		4600	U	290	4600
Pentachlorophenol		23000	U	4600	23000
Phenacetin		4600	U	460	4600
Phenanthrene		4600	U	370	4600
Phenol		4600	U	470	4600
Phorate		4600	U	300	4600
2-Picoline		4600	U	230	4600
p-Phenylene diamine		23000	U	12000	23000
Pronamide		4600	U	330	4600
Pyrene		4600	U	370	4600
Pyridine		4600	U	400	4600
Safrole, Total		4600	U	330	4600
Sulfotepp		4600	U	280	4600
1,2,4,5-Tetrachlorobenzene		4600	U	430	4600
2,3,4,6-Tetrachlorophenol		4600	U	300	4600
Thionazin		4600	U	320	4600
2-Toluidine		4600	U	480	4600
1,2,4-Trichlorobenzene		4600	U	430	4600
2,4,5-Trichlorophenol		4600	U	480	4600
2,4,6-Trichlorophenol		4600	U	400	4600
1,3,5-Trinitrobenzene		4600	U	2300	4600
Diphenyl ether		700	J	470	4600

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-LS**

Lab Sample ID: 680-56861-18 Date Sampled: 04/15/2010 1615
Client Matrix: Solid % Moisture: 75.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1023.d
Dilution:	10			Initial Weight/Volume:	30.00 g
Date Analyzed:	05/04/2010 1307			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		130000	U	17000	130000
Acenaphthylene		130000	U	15000	130000
Acetophenone		130000	U	11000	130000
2-Acetylaminofluorene		130000	U	11000	130000
alpha,alpha-Dimethyl phenethylamine		27000000	U	1100000	27000000
4-Aminobiphenyl		130000	U	15000	130000
Aniline		270000	U	14000	270000
Anthracene		130000	U	10000	130000
Aramite, Total		130000	U	23000	130000
Benzo[a]anthracene		130000	U	11000	130000
Benzo[a]pyrene		130000	U	21000	130000
Benzo[b]fluoranthene		130000	U	15000	130000
Benzo[g,h,i]perylene		130000	U	8900	130000
Benzo[k]fluoranthene		130000	U	26000	130000
Benzyl alcohol		130000	U	13000	130000
1,1'-Biphenyl		760000		11000	130000
Bis(2-chloroethoxy)methane		130000	U	16000	130000
Bis(2-chloroethyl)ether		130000	U	18000	130000
bis(chloroisopropyl) ether		130000	U	12000	130000
Bis(2-ethylhexyl) phthalate		130000	U	13000	130000
4-Bromophenyl phenyl ether		130000	U	15000	130000
Butyl benzyl phthalate		130000	U	11000	130000
4-Chloroaniline		270000	U	21000	270000
4-Chloro-3-methylphenol		130000	U	14000	130000
2-Chloronaphthalene		130000	U	16000	130000
2-Chlorophenol		130000	U	16000	130000
4-Chlorophenyl phenyl ether		130000	U	15000	130000
Chrysene		130000	U	8500	130000
Diallate		130000	U	69000	130000
Dibenz(a,h)anthracene		130000	U	9800	130000
Dibenzofuran		130000	U	13000	130000
1,2-Dichlorobenzene		130000	U	15000	130000
1,3-Dichlorobenzene		130000	U	14000	130000
1,4-Dichlorobenzene		130000	U	14000	130000
3,3'-Dichlorobenzidine		270000	U	11000	270000
2,4-Dichlorophenol		130000	U	14000	130000
2,6-Dichlorophenol		130000	U	11000	130000
Diethyl phthalate		130000	U	14000	130000
Dimethoate		130000	U	10000	130000
7,12-Dimethylbenz(a)anthracene		130000	U	6900	130000
3,3'-Dimethylbenzidine		690000	U	340000	690000
2,4-Dimethylphenol		130000	U	18000	130000
Dimethyl phthalate		130000	U	14000	130000
Di-n-butyl phthalate		130000	U	12000	130000
1,3-Dinitrobenzene		130000	U	9800	130000
4,6-Dinitro-2-methylphenol		690000	U	69000	690000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-LS**

Lab Sample ID: 680-56861-18 Date Sampled: 04/15/2010 1615
Client Matrix: Solid % Moisture: 75.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1023.d
Dilution:	10			Initial Weight/Volume:	30.00 g
Date Analyzed:	05/04/2010 1307			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		690000	U	340000	690000
2,4-Dinitrotoluene		130000	U	20000	130000
2,6-Dinitrotoluene		130000	U	17000	130000
Di-n-octyl phthalate		130000	U	12000	130000
Dinoseb		130000	U	65000	130000
1,4-Dioxane		130000	U	49000	130000
Disulfoton		130000	U	6900	130000
Ethyl methanesulfonate		130000	U	13000	130000
Ethyl Parathion		130000	U	8900	130000
Famphur		130000	U	12000	130000
Fluoranthene		130000	U	13000	130000
Fluorene		130000	U	15000	130000
Hexachlorobenzene		130000	U	16000	130000
Hexachlorobutadiene		130000	U	15000	130000
Hexachlorocyclopentadiene		130000	U	17000	130000
Hexachloroethane		130000	U	11000	130000
Hexachlorophene		69000000	U	5300000	69000000
Hexachloropropene		130000	U	12000	130000
Indeno[1,2,3-cd]pyrene		130000	U	11000	130000
Isophorone		130000	U	13000	130000
Isosafrole		130000	U	9800	130000
Methapyrilene		27000000	U	340000	27000000
3-Methylcholanthrene		130000	U	17000	130000
Methyl methanesulfonate		130000	U	6900	130000
2-Methylnaphthalene		130000	U	15000	130000
Methyl parathion		130000	U	11000	130000
2-Methylphenol		130000	U	11000	130000
3 & 4 Methylphenol		130000	U	17000	130000
Naphthalene		130000	U	12000	130000
1,4-Naphthoquinone		130000	U	6900	130000
1-Naphthylamine		130000	U	27000	130000
2-Naphthylamine		130000	U	14000	130000
2-Nitroaniline		690000	U	18000	690000
3-Nitroaniline		690000	U	19000	690000
4-Nitroaniline		690000	U	20000	690000
Nitrobenzene		130000	U	11000	130000
2-Nitrophenol		130000	U	17000	130000
4-Nitrophenol		690000	U	130000	690000
4-Nitroquinoline-1-oxide		1300000	U	340000	1300000
N-Nitro-o-toluidine		130000	U	11000	130000
N-Nitrosodiethylamine		130000	U	11000	130000
N-Nitrosodimethylamine		130000	U	49000	130000
N-Nitrosodi-n-butylamine		130000	U	9800	130000
N-Nitrosodi-n-propylamine		130000	U	13000	130000
N-Nitrosodiphenylamine		130000	U	13000	130000
N-Nitrosomethylethylamine		130000	U	10000	130000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-LS**

Lab Sample ID: 680-56861-18 Date Sampled: 04/15/2010 1615
Client Matrix: Solid % Moisture: 75.4 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1023.d
Dilution:	10			Initial Weight/Volume:	30.00 g
Date Analyzed:	05/04/2010 1307			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		130000	U	11000	130000
N-Nitrosopiperidine		130000	U	8500	130000
N-Nitrosopyrrolidine		130000	U	7300	130000
o,o',o''-Triethylphosphorothioate		130000	U	16000	130000
p-Dimethylamino azobenzene		130000	U	7700	130000
Pentachlorobenzene		130000	U	10000	130000
Pentachloronitrobenzene		130000	U	8500	130000
Pentachlorophenol		690000	U	130000	690000
Phenacetin		130000	U	13000	130000
Phenanthrene		130000	U	11000	130000
Phenol		130000	U	14000	130000
Phorate		130000	U	8900	130000
2-Picoline		130000	U	6900	130000
p-Phenylene diamine		690000	U	340000	690000
Pronamide		130000	U	9800	130000
Pyrene		15000	J	11000	130000
Pyridine		130000	U	12000	130000
Safrole, Total		130000	U	9800	130000
Sulfotepp		130000	U	8100	130000
1,2,4,5-Tetrachlorobenzene		130000	U	13000	130000
2,3,4,6-Tetrachlorophenol		130000	U	8900	130000
Thionazin		130000	U	9400	130000
2-Toluidine		130000	U	14000	130000
1,2,4-Trichlorobenzene		130000	U	13000	130000
2,4,5-Trichlorophenol		130000	U	14000	130000
2,4,6-Trichlorophenol		130000	U	12000	130000
1,3,5-Trinitrobenzene		130000	U	69000	130000
Diphenyl ether		2500000		14000	130000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-US**

Lab Sample ID: 680-56861-19 Date Sampled: 04/15/2010 1620
Client Matrix: Solid % Moisture: 86.3 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1024.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	05/04/2010 1331			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		240000	U	30000	240000
Acenaphthylene		240000	U	26000	240000
Acetophenone		240000	U	20000	240000
2-Acetylaminofluorene		240000	U	20000	240000
alpha,alpha-Dimethyl phenethylamine		49000000	U	2000000	49000000
4-Aminobiphenyl		240000	U	27000	240000
Aniline		480000	U	25000	480000
Anthracene		240000	U	18000	240000
Aramite, Total		240000	U	42000	240000
Benzo[a]anthracene		240000	U	20000	240000
Benzo[a]pyrene		240000	U	38000	240000
Benzo[b]fluoranthene		240000	U	28000	240000
Benzo[g,h,i]perylene		240000	U	16000	240000
Benzo[k]fluoranthene		240000	U	47000	240000
Benzyl alcohol		240000	U	24000	240000
1,1'-Biphenyl		33000	J	20000	240000
Bis(2-chloroethoxy)methane		240000	U	28000	240000
Bis(2-chloroethyl)ether		240000	U	33000	240000
bis(chloroisopropyl) ether		240000	U	22000	240000
Bis(2-ethylhexyl) phthalate		240000	U	24000	240000
4-Bromophenyl phenyl ether		240000	U	26000	240000
Butyl benzyl phthalate		240000	U	19000	240000
4-Chloroaniline		480000	U	38000	480000
4-Chloro-3-methylphenol		240000	U	26000	240000
2-Chloronaphthalene		240000	U	28000	240000
2-Chlorophenol		240000	U	29000	240000
4-Chlorophenyl phenyl ether		240000	U	27000	240000
Chrysene		240000	U	15000	240000
Diallate		240000	U	120000	240000
Dibenz(a,h)anthracene		240000	U	18000	240000
Dibenzofuran		240000	U	24000	240000
1,2-Dichlorobenzene		240000	U	27000	240000
1,3-Dichlorobenzene		240000	U	25000	240000
1,4-Dichlorobenzene		240000	U	26000	240000
3,3'-Dichlorobenzidine		480000	U	20000	480000
2,4-Dichlorophenol		240000	U	26000	240000
2,6-Dichlorophenol		240000	U	20000	240000
Diethyl phthalate		240000	U	26000	240000
Dimethoate		240000	U	18000	240000
7,12-Dimethylbenz(a)anthracene		240000	U	12000	240000
3,3'-Dimethylbenzidine		1200000	U	610000	1200000
2,4-Dimethylphenol		240000	U	32000	240000
Dimethyl phthalate		240000	U	25000	240000
Di-n-butyl phthalate		240000	U	22000	240000
1,3-Dinitrobenzene		240000	U	18000	240000
4,6-Dinitro-2-methylphenol		1200000	U	120000	1200000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-US**

Lab Sample ID: 680-56861-19 Date Sampled: 04/15/2010 1620
Client Matrix: Solid % Moisture: 86.3 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1024.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	05/04/2010 1331			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		1200000	U	610000	1200000
2,4-Dinitrotoluene		240000	U	36000	240000
2,6-Dinitrotoluene		240000	U	31000	240000
Di-n-octyl phthalate		240000	U	21000	240000
Dinoseb		240000	U	120000	240000
1,4-Dioxane		240000	U	88000	240000
Disulfoton		240000	U	12000	240000
Ethyl methanesulfonate		240000	U	23000	240000
Ethyl Parathion		240000	U	16000	240000
Famphur		240000	U	21000	240000
Fluoranthene		240000	U	23000	240000
Fluorene		240000	U	26000	240000
Hexachlorobenzene		240000	U	28000	240000
Hexachlorobutadiene		240000	U	26000	240000
Hexachlorocyclopentadiene		240000	U	30000	240000
Hexachloroethane		240000	U	20000	240000
Hexachlorophene		120000000	U	9500000	120000000
Hexachloropropene		240000	U	21000	240000
Indeno[1,2,3-cd]pyrene		240000	U	20000	240000
Isophorone		240000	U	24000	240000
Isosafrole		240000	U	18000	240000
Methapyrilene		49000000	U	610000	49000000
3-Methylcholanthrene		240000	U	30000	240000
Methyl methanesulfonate		240000	U	12000	240000
2-Methylnaphthalene		240000	U	28000	240000
Methyl parathion		240000	U	19000	240000
2-Methylphenol		240000	U	20000	240000
3 & 4 Methylphenol		240000	U	31000	240000
Naphthalene		240000	U	22000	240000
1,4-Naphthoquinone		240000	U	12000	240000
1-Naphthylamine		240000	U	48000	240000
2-Naphthylamine		240000	U	25000	240000
2-Nitroaniline		1200000	U	33000	1200000
3-Nitroaniline		1200000	U	34000	1200000
4-Nitroaniline		1200000	U	36000	1200000
Nitrobenzene		240000	U	19000	240000
2-Nitrophenol		240000	U	30000	240000
4-Nitrophenol		1200000	U	240000	1200000
4-Nitroquinoline-1-oxide		2400000	U	610000	2400000
N-Nitro-o-toluidine		240000	U	19000	240000
N-Nitrosodiethylamine		240000	U	20000	240000
N-Nitrosodimethylamine		240000	U	88000	240000
N-Nitrosodi-n-butylamine		240000	U	18000	240000
N-Nitrosodi-n-propylamine		240000	U	23000	240000
N-Nitrosodiphenylamine		240000	U	24000	240000
N-Nitrosomethylethylamine		240000	U	18000	240000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-US**

Lab Sample ID: 680-56861-19 Date Sampled: 04/15/2010 1620
Client Matrix: Solid % Moisture: 86.3 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1024.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	05/04/2010 1331			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		240000	U	20000	240000
N-Nitrosopiperidine		240000	U	15000	240000
N-Nitrosopyrrolidine		240000	U	13000	240000
o,o',o''-Triethylphosphorothioate		240000	U	29000	240000
p-Dimethylamino azobenzene		240000	U	14000	240000
Pentachlorobenzene		240000	U	18000	240000
Pentachloronitrobenzene		240000	U	15000	240000
Pentachlorophenol		1200000	U	240000	1200000
Phenacetin		240000	U	24000	240000
Phenanthrene		240000	U	20000	240000
Phenol		240000	U	25000	240000
Phorate		240000	U	16000	240000
2-Picoline		240000	U	12000	240000
p-Phenylene diamine		1200000	U	610000	1200000
Pronamide		240000	U	18000	240000
Pyrene		240000	U	20000	240000
Pyridine		240000	U	21000	240000
Safrole, Total		240000	U	18000	240000
Sulfotepp		240000	U	15000	240000
1,2,4,5-Tetrachlorobenzene		240000	U	23000	240000
2,3,4,6-Tetrachlorophenol		240000	U	16000	240000
Thionazin		240000	U	17000	240000
2-Toluidine		240000	U	26000	240000
1,2,4-Trichlorobenzene		240000	U	23000	240000
2,4,5-Trichlorophenol		240000	U	26000	240000
2,4,6-Trichlorophenol		240000	U	21000	240000
1,3,5-Trinitrobenzene		240000	U	120000	240000
Diphenyl ether		110000	J	25000	240000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-US**

Lab Sample ID: 680-56861-20 Date Sampled: 04/15/2010 1700
Client Matrix: Solid % Moisture: 62.6 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1025.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1354			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		88000	U	11000	88000
Acenaphthylene		88000	U	9600	88000
Acetophenone		88000	U	7500	88000
2-Acetylaminofluorene		88000	U	7500	88000
alpha,alpha-Dimethyl phenethylamine		18000000	U	720000	18000000
4-Aminobiphenyl		88000	U	9900	88000
Aniline		180000	U	9100	180000
Anthracene		88000	U	6700	88000
Aramite, Total		88000	U	15000	88000
Benzo[a]anthracene		88000	U	7200	88000
Benzo[a]pyrene		88000	U	14000	88000
Benzo[b]fluoranthene		88000	U	10000	88000
Benzo[g,h,i]perylene		88000	U	5900	88000
Benzo[k]fluoranthene		88000	U	17000	88000
Benzyl alcohol		88000	U	8800	88000
1,1'-Biphenyl		230000		7500	88000
Bis(2-chloroethoxy)methane		88000	U	10000	88000
Bis(2-chloroethyl)ether		88000	U	12000	88000
bis(chloroisopropyl) ether		88000	U	8000	88000
Bis(2-ethylhexyl) phthalate		88000	U	8800	88000
4-Bromophenyl phenyl ether		88000	U	9600	88000
Butyl benzyl phthalate		88000	U	6900	88000
4-Chloroaniline		180000	U	14000	180000
4-Chloro-3-methylphenol		88000	U	9400	88000
2-Chloronaphthalene		88000	U	10000	88000
2-Chlorophenol		88000	U	11000	88000
4-Chlorophenyl phenyl ether		88000	U	9900	88000
Chrysene		88000	U	5600	88000
Diallate		88000	U	45000	88000
Dibenz(a,h)anthracene		88000	U	6400	88000
Dibenzofuran		88000	U	8800	88000
1,2-Dichlorobenzene		88000	U	9900	88000
1,3-Dichlorobenzene		88000	U	9100	88000
1,4-Dichlorobenzene		88000	U	9400	88000
3,3'-Dichlorobenzidine		180000	U	7500	180000
2,4-Dichlorophenol		88000	U	9400	88000
2,6-Dichlorophenol		88000	U	7200	88000
Diethyl phthalate		88000	U	9400	88000
Dimethoate		88000	U	6700	88000
7,12-Dimethylbenz(a)anthracene		88000	U	4500	88000
3,3'-Dimethylbenzidine		450000	U	220000	450000
2,4-Dimethylphenol		88000	U	12000	88000
Dimethyl phthalate		88000	U	9100	88000
Di-n-butyl phthalate		88000	U	8000	88000
1,3-Dinitrobenzene		88000	U	6400	88000
4,6-Dinitro-2-methylphenol		450000	U	45000	450000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-US**

Lab Sample ID: 680-56861-20 Date Sampled: 04/15/2010 1700
Client Matrix: Solid % Moisture: 62.6 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1025.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1354			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		450000	U	220000	450000
2,4-Dinitrotoluene		88000	U	13000	88000
2,6-Dinitrotoluene		88000	U	11000	88000
Di-n-octyl phthalate		88000	U	7800	88000
Dinoseb		88000	U	43000	88000
1,4-Dioxane		88000	U	32000	88000
Disulfoton		88000	U	4500	88000
Ethyl methanesulfonate		88000	U	8300	88000
Ethyl Parathion		88000	U	5900	88000
Famphur		88000	U	7800	88000
Fluoranthene		88000	U	8600	88000
Fluorene		88000	U	9600	88000
Hexachlorobenzene		88000	U	10000	88000
Hexachlorobutadiene		88000	U	9600	88000
Hexachlorocyclopentadiene		88000	U	11000	88000
Hexachloroethane		88000	U	7500	88000
Hexachlorophene		45000000	U	3500000	45000000
Hexachloropropene		88000	U	7800	88000
Indeno[1,2,3-cd]pyrene		88000	U	7500	88000
Isophorone		88000	U	8800	88000
Isosafrole		88000	U	6400	88000
Methapyrilene		18000000	U	220000	18000000
3-Methylcholanthrene		88000	U	11000	88000
Methyl methanesulfonate		88000	U	4500	88000
2-Methylnaphthalene		15000	J	10000	88000
Methyl parathion		88000	U	6900	88000
2-Methylphenol		88000	U	7200	88000
3 & 4 Methylphenol		88000	U	11000	88000
Naphthalene		88000	U	8000	88000
1,4-Naphthoquinone		88000	U	4500	88000
1-Naphthylamine		88000	U	18000	88000
2-Naphthylamine		88000	U	9100	88000
2-Nitroaniline		450000	U	12000	450000
3-Nitroaniline		450000	U	12000	450000
4-Nitroaniline		450000	U	13000	450000
Nitrobenzene		88000	U	6900	88000
2-Nitrophenol		88000	U	11000	88000
4-Nitrophenol		450000	U	88000	450000
4-Nitroquinoline-1-oxide		880000	U	220000	880000
N-Nitro-o-toluidine		88000	U	6900	88000
N-Nitrosodiethylamine		88000	U	7500	88000
N-Nitrosodimethylamine		88000	U	32000	88000
N-Nitrosodi-n-butylamine		88000	U	6400	88000
N-Nitrosodi-n-propylamine		88000	U	8600	88000
N-Nitrosodiphenylamine		88000	U	8800	88000
N-Nitrosomethylethylamine		88000	U	6700	88000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-US**

Lab Sample ID: 680-56861-20 Date Sampled: 04/15/2010 1700
Client Matrix: Solid % Moisture: 62.6 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166147		Lab File ID:	g1025.d
Dilution:	10			Initial Weight/Volume:	30.02 g
Date Analyzed:	05/04/2010 1354			Final Weight/Volume:	10 mL
Date Prepared:	04/20/2010 2315			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		88000	U	7200	88000
N-Nitrosopiperidine		88000	U	5600	88000
N-Nitrosopyrrolidine		88000	U	4800	88000
o,o',o''-Triethylphosphorothioate		88000	U	11000	88000
p-Dimethylamino azobenzene		88000	U	5100	88000
Pentachlorobenzene		88000	U	6700	88000
Pentachloronitrobenzene		88000	U	5600	88000
Pentachlorophenol		450000	U	88000	450000
Phenacetin		88000	U	8800	88000
Phenanthrene		88000	U	7200	88000
Phenol		88000	U	9100	88000
Phorate		88000	U	5900	88000
2-Picoline		88000	U	4500	88000
p-Phenylene diamine		450000	U	220000	450000
Pronamide		88000	U	6400	88000
Pyrene		88000	U	7200	88000
Pyridine		88000	U	7800	88000
Safrole, Total		88000	U	6400	88000
Sulfotepp		88000	U	5300	88000
1,2,4,5-Tetrachlorobenzene		88000	U	8300	88000
2,3,4,6-Tetrachlorophenol		88000	U	5900	88000
Thionazin		88000	U	6100	88000
2-Toluidine		88000	U	9400	88000
1,2,4-Trichlorobenzene		88000	U	8300	88000
2,4,5-Trichlorophenol		88000	U	9400	88000
2,4,6-Trichlorophenol		88000	U	7800	88000
1,3,5-Trinitrobenzene		88000	U	45000	88000
Diphenyl ether		780000		9100	88000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-NS**

Lab Sample ID: 680-56861-21 Date Sampled: 04/16/2010 0840
Client Matrix: Solid % Moisture: 14.5 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	g1026.d
Dilution:	50			Initial Weight/Volume:	30.08 g
Date Analyzed:	05/04/2010 1529			Final Weight/Volume:	1 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		19000	U	2400	19000
Acenaphthylene		19000	U	2100	19000
Acetophenone		19000	U	1600	19000
2-Acetylaminofluorene		19000	U	1600	19000
alpha,alpha-Dimethyl phenethylamine		3900000	U	160000	3900000
4-Aminobiphenyl		19000	U	2200	19000
Aniline		38000	U	2000	38000
Anthracene		19000	U	1500	19000
Aramite, Total		19000	U	3300	19000
Benzo[a]anthracene		19000	U	1600	19000
Benzo[a]pyrene		19000	U	3000	19000
Benzo[b]fluoranthene		19000	U	2200	19000
Benzo[g,h,i]perylene		19000	U	1300	19000
Benzo[k]fluoranthene		19000	U	3800	19000
Benzyl alcohol		5900	J	1900	19000
1,1'-Biphenyl		33000		1600	19000
Bis(2-chloroethoxy)methane		19000	U	2300	19000
Bis(2-chloroethyl)ether		19000	U	2600	19000
bis(chloroisopropyl) ether		19000	U	1700	19000
Bis(2-ethylhexyl) phthalate		19000	U	1900	19000
4-Bromophenyl phenyl ether		19000	U	2100	19000
Butyl benzyl phthalate		19000	U	1500	19000
4-Chloroaniline		38000	U	3000	38000
4-Chloro-3-methylphenol		19000	U	2000	19000
2-Chloronaphthalene		19000	U	2300	19000
2-Chlorophenol		19000	U	2300	19000
4-Chlorophenyl phenyl ether		19000	U	2200	19000
Chrysene		19000	U	1200	19000
Diallate		19000	U	9900	19000
Dibenz(a,h)anthracene		19000	U	1400	19000
Dibenzofuran		19000	U	1900	19000
1,2-Dichlorobenzene		19000	U	2200	19000
1,3-Dichlorobenzene		19000	U	2000	19000
1,4-Dichlorobenzene		19000	U	2000	19000
3,3'-Dichlorobenzidine		38000	U	1600	38000
2,4-Dichlorophenol		19000	U	2000	19000
2,6-Dichlorophenol		19000	U	1600	19000
Diethyl phthalate		19000	U	2000	19000
Dimethoate		19000	U	1500	19000
7,12-Dimethylbenz(a)anthracene		19000	U	990	19000
3,3'-Dimethylbenzidine		99000	U	49000	99000
2,4-Dimethylphenol		19000	U	2600	19000
Dimethyl phthalate		19000	U	2000	19000
Di-n-butyl phthalate		19000	U	1700	19000
1,3-Dinitrobenzene		19000	U	1400	19000
4,6-Dinitro-2-methylphenol		99000	U	9900	99000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-NS**

Lab Sample ID: 680-56861-21 Date Sampled: 04/16/2010 0840
Client Matrix: Solid % Moisture: 14.5 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	g1026.d
Dilution:	50			Initial Weight/Volume:	30.08 g
Date Analyzed:	05/04/2010 1529			Final Weight/Volume:	1 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		99000	U	48000	99000
2,4-Dinitrotoluene		19000	U	2900	19000
2,6-Dinitrotoluene		19000	U	2400	19000
Di-n-octyl phthalate		19000	U	1700	19000
Dinoseb		19000	U	9300	19000
1,4-Dioxane		19000	U	7000	19000
Disulfoton		19000	U	990	19000
Ethyl methanesulfonate		19000	U	1800	19000
Ethyl Parathion		19000	U	1300	19000
Famphur		19000	U	1700	19000
Fluoranthene		19000	U	1900	19000
Fluorene		19000	U	2100	19000
Hexachlorobenzene		19000	U	2300	19000
Hexachlorobutadiene		19000	U	2100	19000
Hexachlorocyclopentadiene		19000	U	2400	19000
Hexachloroethane		19000	U	1600	19000
Hexachlorophene		9900000	U	760000	9900000
Hexachloropropene		19000	U	1700	19000
Indeno[1,2,3-cd]pyrene		19000	U	1600	19000
Isophorone		19000	U	1900	19000
Isosafrole		19000	U	1400	19000
Methapyrilene		3900000	U	48000	3900000
3-Methylcholanthrene		19000	U	2400	19000
Methyl methanesulfonate		19000	U	990	19000
2-Methylnaphthalene		19000	U	2200	19000
Methyl parathion		19000	U	1500	19000
2-Methylphenol		19000	U	1600	19000
3 & 4 Methylphenol		19000	U	2500	19000
Naphthalene		19000	U	1700	19000
1,4-Naphthoquinone		19000	U	990	19000
1-Naphthylamine		19000	U	3800	19000
2-Naphthylamine		19000	U	2000	19000
2-Nitroaniline		99000	U	2600	99000
3-Nitroaniline		99000	U	2700	99000
4-Nitroaniline		99000	U	2900	99000
Nitrobenzene		19000	U	1500	19000
2-Nitrophenol		19000	U	2400	19000
4-Nitrophenol		99000	U	19000	99000
4-Nitroquinoline-1-oxide		190000	U	48000	190000
N-Nitro-o-toluidine		19000	U	1500	19000
N-Nitrosodiethylamine		19000	U	1600	19000
N-Nitrosodimethylamine		19000	U	7000	19000
N-Nitrosodi-n-butylamine		19000	U	1400	19000
N-Nitrosodi-n-propylamine		19000	U	1900	19000
N-Nitrosodiphenylamine		19000	U	1900	19000
N-Nitrosomethylethylamine		19000	U	1500	19000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-NS**

Lab Sample ID: 680-56861-21 Date Sampled: 04/16/2010 0840
Client Matrix: Solid % Moisture: 14.5 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	g1026.d
Dilution:	50			Initial Weight/Volume:	30.08 g
Date Analyzed:	05/04/2010 1529			Final Weight/Volume:	1 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		19000	U	1600	19000
N-Nitrosopiperidine		19000	U	1200	19000
N-Nitrosopyrrolidine		19000	U	1000	19000
o,o',o''-Triethylphosphorothioate		8600	J	2300	19000
p-Dimethylamino azobenzene		19000	U	1100	19000
Pentachlorobenzene		19000	U	1500	19000
Pentachloronitrobenzene		19000	U	1200	19000
Pentachlorophenol		99000	U	19000	99000
Phenacetin		19000	U	1900	19000
Phenanthrene		19000	U	1600	19000
Phenol		19000	U	2000	19000
Phorate		19000	U	1300	19000
2-Picoline		19000	U	990	19000
p-Phenylene diamine		99000	U	49000	99000
Pronamide		19000	U	1400	19000
Pyrene		19000	U	1600	19000
Pyridine		19000	U	1700	19000
Safrole, Total		19000	U	1400	19000
Sulfotepp		19000	U	1200	19000
1,2,4,5-Tetrachlorobenzene		19000	U	1800	19000
2,3,4,6-Tetrachlorophenol		19000	U	1300	19000
Thionazin		19000	U	1300	19000
2-Toluidine		19000	U	2000	19000
1,2,4-Trichlorobenzene		19000	U	1800	19000
2,4,5-Trichlorophenol		19000	U	2000	19000
2,4,6-Trichlorophenol		19000	U	1700	19000
1,3,5-Trinitrobenzene		19000	U	9900	19000
Diphenyl ether		120000		2000	19000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-LS**

Lab Sample ID: 680-56861-22 Date Sampled: 04/16/2010 0850
Client Matrix: Solid % Moisture: 66.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	g1027.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	05/04/2010 1553			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		200000	U	25000	200000
Acenaphthylene		200000	U	22000	200000
Acetophenone		200000	U	17000	200000
2-Acetylaminofluorene		200000	U	17000	200000
alpha,alpha-Dimethyl phenethylamine		40000000	U	1600000	40000000
4-Aminobiphenyl		200000	U	22000	200000
Aniline		400000	U	20000	400000
Anthracene		200000	U	15000	200000
Aramite, Total		200000	U	34000	200000
Benzo[a]anthracene		200000	U	16000	200000
Benzo[a]pyrene		200000	U	31000	200000
Benzo[b]fluoranthene		200000	U	23000	200000
Benzo[g,h,i]perylene		200000	U	13000	200000
Benzo[k]fluoranthene		200000	U	39000	200000
Benzyl alcohol		200000	U	20000	200000
1,1'-Biphenyl		470000		17000	200000
Bis(2-chloroethoxy)methane		200000	U	23000	200000
Bis(2-chloroethyl)ether		200000	U	27000	200000
bis(chloroisopropyl) ether		200000	U	18000	200000
Bis(2-ethylhexyl) phthalate		200000	U	20000	200000
4-Bromophenyl phenyl ether		200000	U	22000	200000
Butyl benzyl phthalate		200000	U	16000	200000
4-Chloroaniline		400000	U	31000	400000
4-Chloro-3-methylphenol		200000	U	21000	200000
2-Chloronaphthalene		200000	U	23000	200000
2-Chlorophenol		200000	U	24000	200000
4-Chlorophenyl phenyl ether		200000	U	22000	200000
Chrysene		200000	U	13000	200000
Diallate		200000	U	100000	200000
Dibenz(a,h)anthracene		200000	U	14000	200000
Dibenzofuran		200000	U	20000	200000
1,2-Dichlorobenzene		200000	U	22000	200000
1,3-Dichlorobenzene		200000	U	20000	200000
1,4-Dichlorobenzene		200000	U	21000	200000
3,3'-Dichlorobenzidine		400000	U	17000	400000
2,4-Dichlorophenol		200000	U	21000	200000
2,6-Dichlorophenol		200000	U	16000	200000
Diethyl phthalate		200000	U	21000	200000
Dimethoate		200000	U	15000	200000
7,12-Dimethylbenz(a)anthracene		200000	U	10000	200000
3,3'-Dimethylbenzidine		1000000	U	500000	1000000
2,4-Dimethylphenol		200000	U	26000	200000
Dimethyl phthalate		200000	U	20000	200000
Di-n-butyl phthalate		200000	U	18000	200000
1,3-Dinitrobenzene		200000	U	14000	200000
4,6-Dinitro-2-methylphenol		1000000	U	100000	1000000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-LS**

Lab Sample ID: 680-56861-22 Date Sampled: 04/16/2010 0850
Client Matrix: Solid % Moisture: 66.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	g1027.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	05/04/2010 1553			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		1000000	U	500000	1000000
2,4-Dinitrotoluene		200000	U	29000	200000
2,6-Dinitrotoluene		200000	U	25000	200000
Di-n-octyl phthalate		200000	U	17000	200000
Dinoseb		200000	U	96000	200000
1,4-Dioxane		200000	U	72000	200000
Disulfoton		200000	U	10000	200000
Ethyl methanesulfonate		200000	U	19000	200000
Ethyl Parathion		200000	U	13000	200000
Famphur		200000	U	17000	200000
Fluoranthene		200000	U	19000	200000
Fluorene		200000	U	22000	200000
Hexachlorobenzene		200000	U	23000	200000
Hexachlorobutadiene		200000	U	22000	200000
Hexachlorocyclopentadiene		200000	U	25000	200000
Hexachloroethane		200000	U	17000	200000
Hexachlorophene		100000000	U	7800000	100000000
Hexachloropropene		200000	U	17000	200000
Indeno[1,2,3-cd]pyrene		200000	U	17000	200000
Isophorone		200000	U	20000	200000
Isosafrole		200000	U	14000	200000
Methapyrilene		40000000	U	500000	40000000
3-Methylcholanthrene		200000	U	25000	200000
Methyl methanesulfonate		200000	U	10000	200000
2-Methylnaphthalene		200000	U	23000	200000
Methyl parathion		200000	U	16000	200000
2-Methylphenol		200000	U	16000	200000
3 & 4 Methylphenol		200000	U	26000	200000
Naphthalene		200000	U	18000	200000
1,4-Naphthoquinone		200000	U	10000	200000
1-Naphthylamine		200000	U	40000	200000
2-Naphthylamine		200000	U	20000	200000
2-Nitroaniline		1000000	U	27000	1000000
3-Nitroaniline		1000000	U	28000	1000000
4-Nitroaniline		1000000	U	29000	1000000
Nitrobenzene		200000	U	16000	200000
2-Nitrophenol		200000	U	25000	200000
4-Nitrophenol		1000000	U	200000	1000000
4-Nitroquinoline-1-oxide		2000000	U	500000	2000000
N-Nitro-o-toluidine		200000	U	16000	200000
N-Nitrosodiethylamine		200000	U	17000	200000
N-Nitrosodimethylamine		200000	U	72000	200000
N-Nitrosodi-n-butylamine		200000	U	14000	200000
N-Nitrosodi-n-propylamine		200000	U	19000	200000
N-Nitrosodiphenylamine		200000	U	20000	200000
N-Nitrosomethylethylamine		200000	U	15000	200000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-LS**

Lab Sample ID: 680-56861-22 Date Sampled: 04/16/2010 0850
Client Matrix: Solid % Moisture: 66.8 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-167473		Instrument ID:	MSG
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	g1027.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	05/04/2010 1553			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		200000	U	16000	200000
N-Nitrosopiperidine		200000	U	13000	200000
N-Nitrosopyrrolidine		200000	U	11000	200000
o,o',o''-Triethylphosphorothioate		200000	U	24000	200000
p-Dimethylamino azobenzene		200000	U	11000	200000
Pentachlorobenzene		200000	U	15000	200000
Pentachloronitrobenzene		200000	U	13000	200000
Pentachlorophenol		1000000	U	200000	1000000
Phenacetin		200000	U	20000	200000
Phenanthrene		200000	U	16000	200000
Phenol		200000	U	20000	200000
Phorate		200000	U	13000	200000
2-Picoline		200000	U	10000	200000
p-Phenylene diamine		1000000	U	500000	1000000
Pronamide		200000	U	14000	200000
Pyrene		200000	U	16000	200000
Pyridine		200000	U	17000	200000
Safrole, Total		200000	U	14000	200000
Sulfotepp		200000	U	12000	200000
1,2,4,5-Tetrachlorobenzene		200000	U	19000	200000
2,3,4,6-Tetrachlorophenol		200000	U	13000	200000
Thionazin		200000	U	14000	200000
2-Toluidine		200000	U	21000	200000
1,2,4-Trichlorobenzene		200000	U	19000	200000
2,4,5-Trichlorophenol		200000	U	21000	200000
2,4,6-Trichlorophenol		200000	U	17000	200000
1,3,5-Trinitrobenzene		200000	U	100000	200000
Diphenyl ether		1400000		20000	200000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-US**

Lab Sample ID: 680-56861-23 Date Sampled: 04/16/2010 0930
Client Matrix: Solid % Moisture: 78.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-166548		Instrument ID:	MSN
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	n7044.d
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Date Analyzed:	04/23/2010 1826			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		31000	U	3800	31000
Acenaphthylene		31000	U	3400	31000
Acetophenone		31000	U	2600	31000
2-Acetylaminofluorene		31000	U	2600	31000
alpha,alpha-Dimethyl phenethylamine		6300000	U	250000	6300000
4-Aminobiphenyl		31000	U	3500	31000
Aniline		62000	U	3200	62000
Anthracene		31000	U	2300	31000
Aramite, Total		31000	U	5300	31000
Benzo[a]anthracene		31000	U	2500	31000
Benzo[a]pyrene		31000	U	4900	31000
Benzo[b]fluoranthene		31000	U	3600	31000
Benzo[g,h,i]perylene		31000	U	2100	31000
Benzo[k]fluoranthene		31000	U	6100	31000
Benzyl alcohol		31000	U	3100	31000
1,1'-Biphenyl		55000		2600	31000
Bis(2-chloroethoxy)methane		31000	U	3700	31000
Bis(2-chloroethyl)ether		31000	U	4200	31000
bis(chloroisopropyl) ether		31000	U	2800	31000
Bis(2-ethylhexyl) phthalate		31000	U	3100	31000
4-Bromophenyl phenyl ether		31000	U	3400	31000
Butyl benzyl phthalate		31000	U	2400	31000
4-Chloroaniline		62000	U	4900	62000
4-Chloro-3-methylphenol		31000	U	3300	31000
2-Chloronaphthalene		31000	U	3700	31000
2-Chlorophenol		31000	U	3700	31000
4-Chlorophenyl phenyl ether		31000	U	3500	31000
Chrysene		31000	U	2000	31000
Diallate		31000	U	16000	31000
Dibenz(a,h)anthracene		31000	U	2200	31000
Dibenzofuran		31000	U	3100	31000
1,2-Dichlorobenzene		31000	U	3500	31000
1,3-Dichlorobenzene		31000	U	3200	31000
1,4-Dichlorobenzene		31000	U	3300	31000
3,3'-Dichlorobenzidine		62000	U	2600	62000
2,4-Dichlorophenol		31000	U	3300	31000
2,6-Dichlorophenol		31000	U	2500	31000
Diethyl phthalate		31000	U	3300	31000
Dimethoate		31000	U	2300	31000
7,12-Dimethylbenz(a)anthracene		31000	U	1600	31000
3,3'-Dimethylbenzidine		160000	U	78000	160000
2,4-Dimethylphenol		31000	U	4100	31000
Dimethyl phthalate		31000	U	3200	31000
Di-n-butyl phthalate		31000	U	2800	31000
1,3-Dinitrobenzene		31000	U	2200	31000
4,6-Dinitro-2-methylphenol		160000	U	16000	160000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-US**

Lab Sample ID: 680-56861-23 Date Sampled: 04/16/2010 0930
Client Matrix: Solid % Moisture: 78.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-166548		Instrument ID:	MSN
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	n7044.d
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Date Analyzed:	04/23/2010 1826			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-Dinitrophenol		160000	U	78000	160000
2,4-Dinitrotoluene		31000	U	4600	31000
2,6-Dinitrotoluene		31000	U	3900	31000
Di-n-octyl phthalate		31000	U	2700	31000
Dinoseb		31000	U	15000	31000
1,4-Dioxane		31000	U	11000	31000
Disulfoton		31000	U	1600	31000
Ethyl methanesulfonate		31000	U	2900	31000
Ethyl Parathion		31000	U	2100	31000
Famphur		31000	U *	2700	31000
Fluoranthene		31000	U	3000	31000
Fluorene		31000	U	3400	31000
Hexachlorobenzene		31000	U	3700	31000
Hexachlorobutadiene		31000	U	3400	31000
Hexachlorocyclopentadiene		31000	U	3800	31000
Hexachloroethane		31000	U	2600	31000
Hexachlorophene		16000000	U *	1200000	16000000
Hexachloropropene		31000	U *	2700	31000
Indeno[1,2,3-cd]pyrene		31000	U	2600	31000
Isophorone		31000	U	3100	31000
Isosafrole		31000	U	2200	31000
Methapyrilene		6300000	U	78000	6300000
3-Methylcholanthrene		31000	U	3800	31000
Methyl methanesulfonate		31000	U *	1600	31000
2-Methylnaphthalene		31000	U	3600	31000
Methyl parathion		31000	U	2400	31000
2-Methylphenol		31000	U	2500	31000
3 & 4 Methylphenol		31000	U	4000	31000
Naphthalene		31000	U	2800	31000
1,4-Naphthoquinone		31000	U *	1600	31000
1-Naphthylamine		31000	U *	6200	31000
2-Naphthylamine		31000	U	3200	31000
2-Nitroaniline		160000	U	4200	160000
3-Nitroaniline		160000	U	4300	160000
4-Nitroaniline		160000	U	4600	160000
Nitrobenzene		31000	U	2400	31000
2-Nitrophenol		31000	U	3800	31000
4-Nitrophenol		160000	U	31000	160000
4-Nitroquinoline-1-oxide		310000	U	78000	310000
N-Nitro-o-toluidine		31000	U	2400	31000
N-Nitrosodiethylamine		31000	U	2600	31000
N-Nitrosodimethylamine		31000	U	11000	31000
N-Nitrosodi-n-butylamine		31000	U	2200	31000
N-Nitrosodi-n-propylamine		31000	U	3000	31000
N-Nitrosodiphenylamine		31000	U	3100	31000
N-Nitrosomethylethylamine		31000	U	2300	31000

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-US**

Lab Sample ID: 680-56861-23 Date Sampled: 04/16/2010 0930
Client Matrix: Solid % Moisture: 78.7 Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-166548		Instrument ID:	MSN
Preparation:	3546	Prep Batch: 680-166138		Lab File ID:	n7044.d
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Date Analyzed:	04/23/2010 1826			Final Weight/Volume:	20 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosomorpholine		31000	U	2500	31000
N-Nitrosopiperidine		31000	U	2000	31000
N-Nitrosopyrrolidine		31000	U	1700	31000
o,o',o''-Triethylphosphorothioate		31000	U	3700	31000
p-Dimethylamino azobenzene		31000	U	1800	31000
Pentachlorobenzene		31000	U	2300	31000
Pentachloronitrobenzene		31000	U	2000	31000
Pentachlorophenol		160000	U	31000	160000
Phenacetin		31000	U	3100	31000
Phenanthrene		31000	U	2500	31000
Phenol		31000	U	3200	31000
Phorate		31000	U	2100	31000
2-Picoline		31000	U	1600	31000
p-Phenylene diamine		160000	U	78000	160000
Pronamide		31000	U	2200	31000
Pyrene		5000	J	2500	31000
Pyridine		31000	U	2700	31000
Safrole, Total		31000	U	2200	31000
Sulfotepp		31000	U	1900	31000
1,2,4,5-Tetrachlorobenzene		31000	U	2900	31000
2,3,4,6-Tetrachlorophenol		31000	U	2100	31000
Thionazin		31000	U	2200	31000
2-Toluidine		31000	U	3300	31000
1,2,4-Trichlorobenzene		31000	U	2900	31000
2,4,5-Trichlorophenol		31000	U	3300	31000
2,4,6-Trichlorophenol		31000	U	2700	31000
1,3,5-Trinitrobenzene		31000	U	16000	31000
Diphenyl ether		160000		3200	31000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	34 - 130
2-Fluorobiphenyl	0	D	34 - 130
2-Fluorophenol	0	D	30 - 130
Terphenyl-d14	0	D	39 - 130
Phenol-d5	0	D	30 - 130
Nitrobenzene-d5	0	D	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **RB-1**

Lab Sample ID: 680-56861-28RB Date Sampled: 04/16/2010 1000
Client Matrix: Water Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-166696		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-166243		Lab File ID:	g0754.d
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	04/25/2010 0023			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	9.4	U	0.72	9.4
Acenaphthylene	9.4	U	0.80	9.4
Acetophenone	9.4	U	0.54	9.4
2-Acetylaminofluorene	9.4	U	1.5	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U *	33	1900
4-Aminobiphenyl	9.4	U	1.1	9.4
Aniline	19	U	2.0	19
Anthracene	9.4	U	0.65	9.4
Aramite, Total	9.4	U	0.86	9.4
Benzo[a]anthracene	9.4	U	0.52	9.4
Benzo[a]pyrene	9.4	U	0.67	9.4
Benzo[b]fluoranthene	9.4	U	2.5	9.4
Benzo[g,h,i]perylene	9.4	U	0.82	9.4
Benzo[k]fluoranthene	9.4	U	1.1	9.4
Benzyl alcohol	9.4	U	1.0	9.4
1,1'-Biphenyl	9.4	U	0.55	9.4
Bis(2-chloroethoxy)methane	9.4	U *	0.89	9.4
Bis(2-chloroethyl)ether	9.4	U	1.0	9.4
bis(chloroisopropyl) ether	9.4	U	0.74	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	1.5	9.4
4-Bromophenyl phenyl ether	9.4	U	0.73	9.4
Butyl benzyl phthalate	9.4	U	1.1	9.4
4-Chloroaniline	19	U	2.1	19
4-Chloro-3-methylphenol	9.4	U	0.94	9.4
2-Chloronaphthalene	9.4	U	0.75	9.4
2-Chlorophenol	9.4	U	0.82	9.4
4-Chlorophenyl phenyl ether	9.4	U	0.79	9.4
Chrysene	9.4	U	0.48	9.4
Diallate	9.4	U	0.74	9.4
Dibenz(a,h)anthracene	9.4	U	0.94	9.4
Dibenzofuran	9.4	U	0.75	9.4
1,2-Dichlorobenzene	9.4	U	0.50	9.4
1,3-Dichlorobenzene	9.4	U	0.56	9.4
1,4-Dichlorobenzene	9.4	U	0.51	9.4
3,3'-Dichlorobenzidine	57	U	28	57
2,4-Dichlorophenol	9.4	U	1.0	9.4
2,6-Dichlorophenol	9.4	U	0.69	9.4
Diethyl phthalate	9.4	U	0.83	9.4
Dimethoate	9.4	U	0.71	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	1.1	9.4
3,3'-Dimethylbenzidine	19	U	9.4	19
2,4-Dimethylphenol	9.4	U	3.8	9.4
Dimethyl phthalate	9.4	U	0.93	9.4
Di-n-butyl phthalate	9.4	U	0.78	9.4
1,3-Dinitrobenzene	9.4	U	0.57	9.4
4,6-Dinitro-2-methylphenol	47	U	9.4	47

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **RB-1**

Lab Sample ID: 680-56861-28RB Date Sampled: 04/16/2010 1000
Client Matrix: Water Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-166696		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-166243		Lab File ID:	g0754.d
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	04/25/2010 0023			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4-Dinitrophenol	47	U	9.4	47
2,4-Dinitrotoluene	9.4	U	1.1	9.4
2,6-Dinitrotoluene	9.4	U	1.0	9.4
Di-n-octyl phthalate	9.4	U	1.3	9.4
Dinoseb	9.4	U	4.7	9.4
1,4-Dioxane	9.4	U	3.2	9.4
Disulfoton	9.4	U	0.75	9.4
Ethyl methanesulfonate	9.4	U	0.91	9.4
Ethyl Parathion	9.4	U	1.2	9.4
Famphur	9.4	U *	1.0	9.4
Fluoranthene	9.4	U	0.70	9.4
Fluorene	9.4	U	0.91	9.4
Hexachlorobenzene	9.4	U	0.75	9.4
Hexachlorobutadiene	9.4	U	0.58	9.4
Hexachlorocyclopentadiene	9.4	U	2.4	9.4
Hexachloroethane	9.4	U	0.72	9.4
Hexachlorophene	4700	U	25	4700
Hexachloropropene	9.4	U *	1.3	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	0.94	9.4
Isophorone	9.4	U	0.85	9.4
Isosafrole	9.4	U	0.47	9.4
Methapyrilene	1900	U *	2.5	1900
3-Methylcholanthrene	9.4	U	1.3	9.4
Methyl methanesulfonate	9.4	U *	0.57	9.4
2-Methylnaphthalene	9.4	U	0.74	9.4
Methyl parathion	9.4	U	0.83	9.4
2-Methylphenol	9.4	U	0.84	9.4
3 & 4 Methylphenol	9.4	U	1.2	9.4
Naphthalene	9.4	U	0.66	9.4
1,4-Naphthoquinone	9.4	U *	0.58	9.4
1-Naphthylamine	9.4	U *	1.0	9.4
2-Naphthylamine	9.4	U	1.4	9.4
2-Nitroaniline	47	U	1.2	47
3-Nitroaniline	47	U	4.7	47
4-Nitroaniline	47	U	4.7	47
Nitrobenzene	9.4	U	0.69	9.4
2-Nitrophenol	9.4	U	0.72	9.4
4-Nitrophenol	47	U	1.8	47
4-Nitroquinoline-1-oxide	19	U	9.4	19
N-Nitro-o-toluidine	9.4	U	1.4	9.4
N-Nitrosodiethylamine	9.4	U	0.88	9.4
N-Nitrosodimethylamine	9.4	U	2.6	9.4
N-Nitrosodi-n-butylamine	9.4	U *	0.91	9.4
N-Nitrosodi-n-propylamine	9.4	U	0.68	9.4
N-Nitrosodiphenylamine	9.4	U	0.87	9.4
N-Nitrosomethylethylamine	9.4	U	3.1	9.4

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **RB-1**

Lab Sample ID: 680-56861-28RB Date Sampled: 04/16/2010 1000
Client Matrix: Water Date Received: 04/17/2010 1045

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-166696		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-166243		Lab File ID:	g0754.d
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	04/25/2010 0023			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosomorpholine	9.4	U	0.79	9.4
N-Nitrosopiperidine	9.4	U	0.83	9.4
N-Nitrosopyrrolidine	9.4	U	0.94	9.4
o,o',o''-Triethylphosphorothioate	9.4	U *	0.94	9.4
p-Dimethylamino azobenzene	9.4	U	0.75	9.4
Pentachlorobenzene	9.4	U	0.49	9.4
Pentachloronitrobenzene	9.4	U	0.74	9.4
Pentachlorophenol	47	U	1.9	47
Phenacetin	9.4	U	1.3	9.4
Phenanthrene	9.4	U	0.73	9.4
Phenol	9.4	U	0.78	9.4
Phorate	9.4	U	0.82	9.4
2-Picoline	9.4	U	1.3	9.4
p-Phenylene diamine	1900	U	9.4	1900
Pronamide	9.4	U	0.84	9.4
Pyrene	9.4	U	0.59	9.4
Pyridine	47	U	2.2	47
Safrole, Total	9.4	U	0.75	9.4
Sulfotepp	9.4	U	0.50	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	0.72	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	0.68	9.4
Thionazin	9.4	U	0.86	9.4
2-Toluidine	9.4	U	1.3	9.4
1,2,4-Trichlorobenzene	9.4	U	0.53	9.4
2,4,5-Trichlorophenol	9.4	U	1.1	9.4
2,4,6-Trichlorophenol	9.4	U	0.80	9.4
1,3,5-Trinitrobenzene	9.4	U	1.9	9.4

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	96		40 - 139
2-Fluorobiphenyl	78		50 - 113
2-Fluorophenol	73		36 - 110
Terphenyl-d14	101		10 - 121
Phenol-d5	77		38 - 116
Nitrobenzene-d5	83		45 - 112

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-LS**

Lab Sample ID: 680-56861-1 Date Sampled: 04/14/2010 0950
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166538		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166337		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Date Analyzed:	04/23/2010 0555			Final Weight/Volume:	100 mL
Date Prepared:	04/21/2010 1618				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.5	J	1.2	3.9
Barium		37		0.58	1.9
Cadmium		0.24	J	0.19	0.97
Chromium		13		0.97	1.9
Lead		120		1.0	1.9
Selenium		4.9	U	1.9	4.9
Silver		0.30	J	0.19	1.9

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	10			Initial Weight/Volume:	0.60 g
Date Analyzed:	04/28/2010 1852			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		3.8		0.15	0.36

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-NS**

Lab Sample ID: 680-56861-2 Date Sampled: 04/14/2010 1245
Client Matrix: Solid % Moisture: 21.3 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166538		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166337		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.20 g
Date Analyzed:	04/23/2010 0600			Final Weight/Volume:	100 mL
Date Prepared:	04/21/2010 1618				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1	U	0.62	2.1
Barium		4.0		0.32	1.1
Cadmium		0.53	U	0.11	0.53
Chromium		1.6		0.53	1.1
Lead		2.9		0.56	1.1
Selenium		2.6	U	1.1	2.6
Silver		1.1	U	0.10	1.1

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.53 g
Date Analyzed:	04/28/2010 1856			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J	0.0098	0.024

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-LS**

Lab Sample ID: 680-56861-3 Date Sampled: 04/14/2010 1255
Client Matrix: Solid % Moisture: 53.4 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.18 g
Date Analyzed:	04/26/2010 2134			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.5	J	1.1	3.6
Barium		22		0.55	1.8
Cadmium		0.27	J	0.18	0.91
Chromium		16		0.91	1.8
Lead		41		0.96	1.8
Selenium		4.5	U	1.8	4.5
Silver		0.62	J B	0.17	1.8

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Date Analyzed:	04/27/2010 1635			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.66		0.015	0.037

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-NS**

Lab Sample ID: 680-56861-4 Date Sampled: 04/14/2010 1715
Client Matrix: Solid % Moisture: 12.4 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.12 g
Date Analyzed:	04/26/2010 2139			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0	U	0.60	2.0
Barium		3.5		0.31	1.0
Cadmium		0.51	U	0.10	0.51
Chromium		1.5		0.51	1.0
Lead		0.95	J	0.54	1.0
Selenium		2.5	U	1.0	2.5
Silver		0.10	J B	0.098	1.0

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Date Analyzed:	04/27/2010 1638			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.020	U	0.0081	0.020

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-LS**

Lab Sample ID: 680-56861-5 Date Sampled: 04/14/2010 1735
Client Matrix: Solid % Moisture: 60.5 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.08 g
Date Analyzed:	04/26/2010 2144			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1	J	1.4	4.7
Barium		16		0.70	2.3
Cadmium		0.40	J	0.23	1.2
Chromium		13		1.2	2.3
Lead		59		1.2	2.3
Selenium		5.9	U	2.3	5.9
Silver		0.41	J B	0.22	2.3

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Date Analyzed:	04/27/2010 1641			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.26		0.019	0.047

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-3-US**

Lab Sample ID: 680-56861-6 Date Sampled: 04/15/2010 0845
Client Matrix: Solid % Moisture: 75.7 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Date Analyzed:	04/26/2010 2149			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8	J	2.3	7.7
Barium		13		1.2	3.8
Cadmium		0.38	J	0.38	1.9
Chromium		11		1.9	3.8
Lead		40		2.0	3.8
Selenium		9.6	U	3.8	9.6
Silver		3.8	U	0.37	3.8

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.52 g
Date Analyzed:	04/27/2010 1644			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.24		0.032	0.079

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-NS**

Lab Sample ID: 680-56861-7 Date Sampled: 04/15/2010 0950
Client Matrix: Solid % Moisture: 23.8 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.11 g
Date Analyzed:	04/26/2010 2155			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0	J	0.70	2.4
Barium		120		0.35	1.2
Cadmium		0.18	J	0.12	0.59
Chromium		18		0.59	1.2
Lead		12		0.63	1.2
Selenium		3.0	U	1.2	3.0
Silver		0.15	J B	0.11	1.2

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Date Analyzed:	04/27/2010 1647			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024	U	0.010	0.024

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-LS**

Lab Sample ID: 680-56861-8 Date Sampled: 04/15/2010 1005
Client Matrix: Solid % Moisture: 68.0 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.18 g
Date Analyzed:	04/26/2010 2200			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.5	J	1.6	5.3
Barium		23		0.79	2.6
Cadmium		0.55	J	0.26	1.3
Chromium		24		1.3	2.6
Lead		75		1.4	2.6
Selenium		6.6	U	2.6	6.6
Silver		0.42	J B	0.25	2.6

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.59 g
Date Analyzed:	04/27/2010 1650			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.40		0.022	0.053

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-4-US**

Lab Sample ID: 680-56861-9 Date Sampled: 04/15/2010 1100
Client Matrix: Solid % Moisture: 77.8 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.09 g
Date Analyzed:	04/26/2010 2205			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.3	J	2.4	8.3
Barium		27		1.2	4.1
Cadmium		0.77	J	0.41	2.1
Chromium		23		2.1	4.1
Lead		49		2.2	4.1
Selenium		10	U	4.1	10
Silver		0.42	J B	0.40	4.1

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.59 g
Date Analyzed:	04/27/2010 1653			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.1		0.031	0.076

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-NS**

Lab Sample ID: 680-56861-10 Date Sampled: 04/15/2010 1105
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.06 g
Date Analyzed:	04/26/2010 2210			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0	J	0.70	2.4
Barium		150		0.36	1.2
Cadmium		0.59	U	0.12	0.59
Chromium		13		0.59	1.2
Lead		7.6		0.63	1.2
Selenium		3.0	U	1.2	3.0
Silver		1.2	U	0.11	1.2

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.59 g
Date Analyzed:	04/27/2010 1655			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.021	U	0.0087	0.021

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-LS**

Lab Sample ID: 680-56861-11 Date Sampled: 04/15/2010 1110
Client Matrix: Solid % Moisture: 59.4 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Date Analyzed:	04/26/2010 2226			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.3	J	1.3	4.3
Barium		16		0.64	2.1
Cadmium		0.31	J	0.21	1.1
Chromium		17		1.1	2.1
Lead		51		1.1	2.1
Selenium		5.3	U	2.1	5.3
Silver		0.53	J B	0.21	2.1

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.51 g
Date Analyzed:	04/27/2010 1659			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.43		0.020	0.048

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-5-US**

Lab Sample ID: 680-56861-12 Date Sampled: 04/15/2010 1145
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.11 g
Date Analyzed:	04/26/2010 2231			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.6	J	3.1	10
Barium		18		1.6	5.2
Cadmium		0.52	J	0.52	2.6
Chromium		27		2.6	5.2
Lead		28		2.8	5.2
Selenium		13	U	5.2	13
Silver		5.2	U	0.50	5.2

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Date Analyzed:	04/27/2010 1701			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.25		0.043	0.11

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-6-US**

Lab Sample ID: 680-56861-13 Date Sampled: 04/15/2010 1415
Client Matrix: Solid % Moisture: 82.7 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Date Analyzed:	04/26/2010 2236			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.4	J	3.2	11
Barium		18		1.6	5.4
Cadmium		0.61	J	0.54	2.7
Chromium		15		2.7	5.4
Lead		43		2.9	5.4
Selenium		14	U	5.4	14
Silver		0.52	J B	0.52	5.4

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Date Analyzed:	04/27/2010 1710			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.33		0.040	0.097

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-NS**

Lab Sample ID: 680-56861-14 Date Sampled: 04/15/2010 1505
Client Matrix: Solid % Moisture: 16.9 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166869		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166528		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Date Analyzed:	04/26/2010 2241			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1	U	0.61	2.1
Barium		18		0.31	1.0
Cadmium		0.52	U	0.10	0.52
Chromium		7.3		0.52	1.0
Lead		2.6		0.55	1.0
Selenium		2.6	U	1.0	2.6
Silver		1.0	U	0.10	1.0

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-166898		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166534		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.53 g
Date Analyzed:	04/27/2010 1444			Final Weight/Volume:	50 mL
Date Prepared:	04/23/2010 1046				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.023	U	0.0093	0.023

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-LS**

Lab Sample ID: 680-56861-15 Date Sampled: 04/15/2010 1520
Client Matrix: Solid % Moisture: 70.7 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Date Analyzed:	04/28/2010 2232			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.1	J	1.8	6.0
Barium		18		0.91	3.0
Cadmium		0.47	J	0.30	1.5
Chromium		31		1.5	3.0
Lead		27		1.6	3.0
Selenium		7.5	U	3.0	7.5
Silver		0.30	J	0.29	3.0

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.56 g
Date Analyzed:	04/28/2010 1859			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.52		0.025	0.061

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-7-US**

Lab Sample ID: 680-56861-16 Date Sampled: 04/15/2010 1525
Client Matrix: Solid % Moisture: 73.7 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Date Analyzed:	04/28/2010 2237			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.6	J	2.1	7.1
Barium		12		1.1	3.6
Cadmium		0.48	J	0.36	1.8
Chromium		24		1.8	3.6
Lead		32		1.9	3.6
Selenium		8.9	U	3.6	8.9
Silver		3.6	U	0.34	3.6

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Date Analyzed:	04/28/2010 1901			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.59		0.028	0.069

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-NS**

Lab Sample ID: 680-56861-17 Date Sampled: 04/15/2010 1600
Client Matrix: Solid % Moisture: 27.7 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Date Analyzed:	04/28/2010 2242			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.1	J	0.72	2.4
Barium		120		0.37	1.2
Cadmium		0.61	U	0.12	0.61
Chromium		15		0.61	1.2
Lead		13		0.65	1.2
Selenium		3.1	U	1.2	3.1
Silver		1.2	U	0.12	1.2

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Date Analyzed:	04/28/2010 1910			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	U	0.0091	0.022

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-LS**

Lab Sample ID: 680-56861-18 Date Sampled: 04/15/2010 1615
Client Matrix: Solid % Moisture: 75.4 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Date Analyzed:	04/28/2010 2247			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.3	J	2.3	7.8
Barium		37		1.2	3.9
Cadmium		0.67	J	0.39	2.0
Chromium		54		2.0	3.9
Lead		100		2.1	3.9
Selenium		9.8	U	3.9	9.8
Silver		0.51	J	0.38	3.9

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Date Analyzed:	04/28/2010 1913			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.86		0.026	0.064

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-8-US**

Lab Sample ID: 680-56861-19 Date Sampled: 04/15/2010 1620
Client Matrix: Solid % Moisture: 86.3 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	04/28/2010 2252			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		14	U	4.3	14
Barium		15		2.2	7.2
Cadmium		3.6	U	0.72	3.6
Chromium		23		3.6	7.2
Lead		38		3.8	7.2
Selenium		18	U	7.2	18
Silver		7.2	U	0.69	7.2

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Date Analyzed:	04/28/2010 1916			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.48		0.054	0.13

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-1-US**

Lab Sample ID: 680-56861-20 Date Sampled: 04/15/2010 1700
Client Matrix: Solid % Moisture: 62.6 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Date Analyzed:	04/28/2010 2258			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.0	J	1.4	4.7
Barium		28		0.70	2.3
Cadmium		0.33	J	0.23	1.2
Chromium		22		1.2	2.3
Lead		24		1.2	2.3
Selenium		5.8	U	2.3	5.8
Silver		0.24	J	0.22	2.3

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.56 g
Date Analyzed:	04/28/2010 1919			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.72		0.020	0.048

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-NS**

Lab Sample ID: 680-56861-21 Date Sampled: 04/16/2010 0840
Client Matrix: Solid % Moisture: 14.5 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Date Analyzed:	04/28/2010 2303			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1	U	0.63	2.1
Barium		4.2		0.32	1.1
Cadmium		0.53	U	0.11	0.53
Chromium		1.1	U	0.53	1.1
Lead		1.7		0.56	1.1
Selenium		2.7	U	1.1	2.7
Silver		1.1	U	0.10	1.1

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.56 g
Date Analyzed:	04/28/2010 1922			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J	0.0086	0.021

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-LS**

Lab Sample ID: 680-56861-22 Date Sampled: 04/16/2010 0850
Client Matrix: Solid % Moisture: 66.8 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Date Analyzed:	04/28/2010 2308			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.4	J	1.6	5.3
Barium		39		0.80	2.7
Cadmium		0.46	J	0.27	1.3
Chromium		23		1.3	2.7
Lead		41		1.4	2.7
Selenium		6.7	U	2.7	6.7
Silver		0.88	J	0.26	2.7

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.51 g
Date Analyzed:	04/28/2010 1925			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.1		0.024	0.059

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **IBS-2-US**

Lab Sample ID: 680-56861-23 Date Sampled: 04/16/2010 0930
Client Matrix: Solid % Moisture: 78.7 Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-167105		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-166825		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.12 g
Date Analyzed:	04/28/2010 2324			Final Weight/Volume:	100 mL
Date Prepared:	04/27/2010 0909				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.5	J	2.5	8.4
Barium		23		1.3	4.2
Cadmium		0.51	J	0.42	2.1
Chromium		19		2.1	4.2
Lead		36		2.2	4.2
Selenium		10	U	4.2	10
Silver		4.2	U	0.40	4.2

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-167080		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-166757		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.56 g
Date Analyzed:	04/28/2010 1928			Final Weight/Volume:	50 mL
Date Prepared:	04/26/2010 1523				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.1		0.034	0.084

Client: Ashland Inc. Job Number: 680-56861-1

Client Sample ID: **RB-1**

Lab Sample ID: 680-56861-28RB Date Sampled: 04/16/2010 1000
Client Matrix: Water Date Received: 04/17/2010 1045

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-166320		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-166297		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/21/2010 2034			Final Weight/Volume:	50 mL
Date Prepared:	04/21/2010 1215				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	20	U	4.6	20
Barium	2.8	J	2.3	10
Cadmium	5.0	U	2.0	5.0
Chromium	10	U	1.2	10
Lead	10	U	4.0	10
Selenium	20	U	6.4	20
Silver	10	U	0.89	10

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-166435		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-166268		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/22/2010 1230			Final Weight/Volume:	50 mL
Date Prepared:	04/21/2010 1021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.091	0.20

DATA REPORTING QUALIFIERS

Client: Ashland Inc. Job Number: 680-56861-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	*	RPD of the LCS and LCSD exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 680-166108					
680-56861-1	IBS-1-LS	T	Solid	5035	
680-56861-2	IBS-3-NS	T	Solid	5035	
680-56861-3	IBS-3-LS	T	Solid	5035	
680-56861-4	IBS-4-NS	T	Solid	5035	
680-56861-5	IBS-4-LS	T	Solid	5035	
680-56861-6	IBS-3-US	T	Solid	5035	
680-56861-8	IBS-5-LS	T	Solid	5035	
680-56861-9	IBS-4-US	T	Solid	5035	
680-56861-10	IBS-6-NS	T	Solid	5035	
680-56861-11	IBS-6-LS	T	Solid	5035	
680-56861-12	IBS-5-US	T	Solid	5035	
680-56861-13	IBS-6-US	T	Solid	5035	
680-56861-14	IBS-7-NS	T	Solid	5035	
680-56861-15	IBS-7-LS	T	Solid	5035	
680-56861-16	IBS-7-US	T	Solid	5035	
680-56861-17	IBS-8-NS	T	Solid	5035	
680-56861-18	IBS-8-LS	T	Solid	5035	
680-56861-19	IBS-8-US	T	Solid	5035	
680-56861-20	IBS-1-US	T	Solid	5035	
680-56861-21	IBS-2-NS	T	Solid	5035	
680-56861-22	IBS-2-LS	T	Solid	5035	
680-56861-23	IBS-2-US	T	Solid	5035	
Analysis Batch:680-166185					
LCS 680-166185/6	Lab Control Sample	T	Water	8260B	
LCSD 680-166185/7	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-166185/9	Method Blank	T	Water	8260B	
680-56861-24FB	FB-1	T	Water	8260B	
680-56861-25FB	FB-2	T	Water	8260B	
680-56861-26TB	TB-1	T	Water	8260B	
680-56861-27TB	TB-2	T	Water	8260B	
680-56861-28RB	RB-1	T	Water	8260B	
Analysis Batch:680-166615					
LCS 680-166615/6	Lab Control Sample	T	Solid	8260B	
LCSD 680-166615/7	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-166615/8	Method Blank	T	Solid	8260B	
680-56861-9	IBS-4-US	T	Solid	8260B	680-166108

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-166686					
LCS 680-166686/6	Lab Control Sample	T	Solid	8260B	
LCSD 680-166686/7	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-166686/8	Method Blank	T	Solid	8260B	
680-56861-1	IBS-1-LS	T	Solid	8260B	680-166108
680-56861-2	IBS-3-NS	T	Solid	8260B	680-166108
680-56861-4	IBS-4-NS	T	Solid	8260B	680-166108
680-56861-6	IBS-3-US	T	Solid	8260B	680-166108
680-56861-7	IBS-5-NS	T	Solid	8260B	
680-56861-10	IBS-6-NS	T	Solid	8260B	680-166108
680-56861-13	IBS-6-US	T	Solid	8260B	680-166108
680-56861-15	IBS-7-LS	T	Solid	8260B	680-166108
680-56861-16	IBS-7-US	T	Solid	8260B	680-166108
Analysis Batch:680-166737					
LCS 680-166737/6	Lab Control Sample	T	Solid	8260B	
LCSD 680-166737/7	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-166737/8	Method Blank	T	Solid	8260B	
680-56861-8	IBS-5-LS	T	Solid	8260B	680-166108
680-56861-12	IBS-5-US	T	Solid	8260B	680-166108
680-56861-14	IBS-7-NS	T	Solid	8260B	680-166108
680-56861-19	IBS-8-US	T	Solid	8260B	680-166108
680-56861-20	IBS-1-US	T	Solid	8260B	680-166108
680-56861-21	IBS-2-NS	T	Solid	8260B	680-166108
680-56861-22	IBS-2-LS	T	Solid	8260B	680-166108
680-56861-23	IBS-2-US	T	Solid	8260B	680-166108
Analysis Batch:680-166861					
LCS 680-166861/7	Lab Control Sample	T	Solid	8260B	
LCSD 680-166861/8	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-166861/9	Method Blank	T	Solid	8260B	
680-56861-3	IBS-3-LS	T	Solid	8260B	680-166108
680-56861-5	IBS-4-LS	T	Solid	8260B	680-166108
680-56861-11	IBS-6-LS	T	Solid	8260B	680-166108
680-56861-17	IBS-8-NS	T	Solid	8260B	680-166108
680-56861-18	IBS-8-LS	T	Solid	8260B	680-166108

Report Basis
T = Total

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 680-166138					
LCS 680-166138/12-A	Lab Control Sample	T	Solid	3546	
680-56861-21	IBS-2-NS	T	Solid	3546	
680-56861-21MS	Matrix Spike	T	Solid	3546	
680-56861-21MSD	Matrix Spike Duplicate	T	Solid	3546	
680-56861-22	IBS-2-LS	T	Solid	3546	
680-56861-23	IBS-2-US	T	Solid	3546	
Prep Batch: 680-166147					
LCS 680-166147/22-A	Lab Control Sample	T	Solid	3546	
MB 680-166147/21-A	Method Blank	T	Solid	3546	
680-56861-1	IBS-1-LS	T	Solid	3546	
680-56861-2	IBS-3-NS	T	Solid	3546	
680-56861-3	IBS-3-LS	T	Solid	3546	
680-56861-4	IBS-4-NS	T	Solid	3546	
680-56861-5	IBS-4-LS	T	Solid	3546	
680-56861-6	IBS-3-US	T	Solid	3546	
680-56861-7	IBS-5-NS	T	Solid	3546	
680-56861-8	IBS-5-LS	T	Solid	3546	
680-56861-9	IBS-4-US	T	Solid	3546	
680-56861-10	IBS-6-NS	T	Solid	3546	
680-56861-11	IBS-6-LS	T	Solid	3546	
680-56861-12	IBS-5-US	T	Solid	3546	
680-56861-13	IBS-6-US	T	Solid	3546	
680-56861-14	IBS-7-NS	T	Solid	3546	
680-56861-15	IBS-7-LS	T	Solid	3546	
680-56861-16	IBS-7-US	T	Solid	3546	
680-56861-17	IBS-8-NS	T	Solid	3546	
680-56861-18	IBS-8-LS	T	Solid	3546	
680-56861-19	IBS-8-US	T	Solid	3546	
680-56861-20	IBS-1-US	T	Solid	3546	
Prep Batch: 680-166243					
LCS 680-166243/8-A	Lab Control Sample	T	Water	3520C	
LCSD 680-166243/9-A	Lab Control Sample Duplicate	T	Water	3520C	
MB 680-166243/7-A	Method Blank	T	Water	3520C	
680-56861-28RB	RB-1	T	Water	3520C	
Analysis Batch:680-166547					
LCS 680-166138/12-A	Lab Control Sample	T	Solid	8270C	680-166138
Analysis Batch:680-166548					
680-56861-23	IBS-2-US	T	Solid	8270C	680-166138
Analysis Batch:680-166687					
LCS 680-166243/8-A	Lab Control Sample	T	Water	8270C	680-166243

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:680-166695					
LCSD 680-166243/9-A	Lab Control Sample Duplicate	T	Water	8270C	680-166243
MB 680-166243/7-A	Method Blank	T	Water	8270C	680-166243
Analysis Batch:680-166696					
680-56861-28RB	RB-1	T	Water	8270C	680-166243
Analysis Batch:680-167447					
LCS 680-166147/22-A	Lab Control Sample	T	Solid	8270C	680-166147
MB 680-166147/21-A	Method Blank	T	Solid	8270C	680-166147
680-56861-1	IBS-1-LS	T	Solid	8270C	680-166147
680-56861-2	IBS-3-NS	T	Solid	8270C	680-166147
680-56861-3	IBS-3-LS	T	Solid	8270C	680-166147
680-56861-5	IBS-4-LS	T	Solid	8270C	680-166147
680-56861-6	IBS-3-US	T	Solid	8270C	680-166147
680-56861-7	IBS-5-NS	T	Solid	8270C	680-166147
680-56861-8	IBS-5-LS	T	Solid	8270C	680-166147
680-56861-9	IBS-4-US	T	Solid	8270C	680-166147
Analysis Batch:680-167473					
680-56861-4	IBS-4-NS	T	Solid	8270C	680-166147
680-56861-10	IBS-6-NS	T	Solid	8270C	680-166147
680-56861-11	IBS-6-LS	T	Solid	8270C	680-166147
680-56861-12	IBS-5-US	T	Solid	8270C	680-166147
680-56861-13	IBS-6-US	T	Solid	8270C	680-166147
680-56861-14	IBS-7-NS	T	Solid	8270C	680-166147
680-56861-15	IBS-7-LS	T	Solid	8270C	680-166147
680-56861-16	IBS-7-US	T	Solid	8270C	680-166147
680-56861-17	IBS-8-NS	T	Solid	8270C	680-166147
680-56861-18	IBS-8-LS	T	Solid	8270C	680-166147
680-56861-19	IBS-8-US	T	Solid	8270C	680-166147
680-56861-20	IBS-1-US	T	Solid	8270C	680-166147
680-56861-21	IBS-2-NS	T	Solid	8270C	680-166138
680-56861-21MS	Matrix Spike	T	Solid	8270C	680-166138
680-56861-21MSD	Matrix Spike Duplicate	T	Solid	8270C	680-166138
680-56861-22	IBS-2-LS	T	Solid	8270C	680-166138
Analysis Batch:680-167967					
680-56861-1	IBS-1-LS	T	Solid	8270C	680-166147
680-56861-2	IBS-3-NS	T	Solid	8270C	680-166147
680-56861-3	IBS-3-LS	T	Solid	8270C	680-166147
680-56861-4	IBS-4-NS	T	Solid	8270C	680-166147
680-56861-5	IBS-4-LS	T	Solid	8270C	680-166147
680-56861-8	IBS-5-LS	T	Solid	8270C	680-166147
680-56861-10	IBS-6-NS	T	Solid	8270C	680-166147

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-166268					
LCS 680-166266/7-B	Lab Control Sample	T	Water	7470A	
MB 680-166266/6-B	Method Blank	T	Water	7470A	
680-56861-28RB	RB-1	T	Water	7470A	
680-56861-28MS	Matrix Spike	T	Water	7470A	
680-56861-28MSD	Matrix Spike Duplicate	T	Water	7470A	
Prep Batch: 680-166297					
LCS 680-166297/19-A	Lab Control Sample	T	Water	3010A	
MB 680-166297/18-A	Method Blank	T	Water	3010A	
680-56861-28RB	RB-1	T	Water	3010A	
Analysis Batch:680-166320					
LCS 680-166297/19-A	Lab Control Sample	T	Water	6010B	680-166297
MB 680-166297/18-A	Method Blank	T	Water	6010B	680-166297
680-56861-28RB	RB-1	T	Water	6010B	680-166297
Prep Batch: 680-166337					
LCS 680-166337/24-A	Lab Control Sample	T	Solid	3050B	
MB 680-166337/23-A	Method Blank	T	Solid	3050B	
680-56861-1	IBS-1-LS	T	Solid	3050B	
680-56861-2	IBS-3-NS	T	Solid	3050B	
Analysis Batch:680-166435					
LCS 680-166266/7-B	Lab Control Sample	T	Water	7470A	680-166268
MB 680-166266/6-B	Method Blank	T	Water	7470A	680-166268
680-56861-28RB	RB-1	T	Water	7470A	680-166268
680-56861-28MS	Matrix Spike	T	Water	7470A	680-166268
680-56861-28MSD	Matrix Spike Duplicate	T	Water	7470A	680-166268

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-166528					
LCS 680-166528/24-A	Lab Control Sample	T	Solid	3050B	
MB 680-166528/23-A	Method Blank	T	Solid	3050B	
680-56861-3	IBS-3-LS	T	Solid	3050B	
680-56861-4	IBS-4-NS	T	Solid	3050B	
680-56861-5	IBS-4-LS	T	Solid	3050B	
680-56861-6	IBS-3-US	T	Solid	3050B	
680-56861-7	IBS-5-NS	T	Solid	3050B	
680-56861-8	IBS-5-LS	T	Solid	3050B	
680-56861-9	IBS-4-US	T	Solid	3050B	
680-56861-10	IBS-6-NS	T	Solid	3050B	
680-56861-11	IBS-6-LS	T	Solid	3050B	
680-56861-12	IBS-5-US	T	Solid	3050B	
680-56861-13	IBS-6-US	T	Solid	3050B	
680-56861-14	IBS-7-NS	T	Solid	3050B	
680-56861-14MS	Matrix Spike	T	Solid	3050B	
680-56861-14MSD	Matrix Spike Duplicate	T	Solid	3050B	
Prep Batch: 680-166534					
LCS 680-166534/24-A	Lab Control Sample	T	Solid	7471A	
MB 680-166534/23-A	Method Blank	T	Solid	7471A	
680-56861-3	IBS-3-LS	T	Solid	7471A	
680-56861-4	IBS-4-NS	T	Solid	7471A	
680-56861-5	IBS-4-LS	T	Solid	7471A	
680-56861-6	IBS-3-US	T	Solid	7471A	
680-56861-7	IBS-5-NS	T	Solid	7471A	
680-56861-8	IBS-5-LS	T	Solid	7471A	
680-56861-9	IBS-4-US	T	Solid	7471A	
680-56861-10	IBS-6-NS	T	Solid	7471A	
680-56861-11	IBS-6-LS	T	Solid	7471A	
680-56861-12	IBS-5-US	T	Solid	7471A	
680-56861-13	IBS-6-US	T	Solid	7471A	
680-56861-14	IBS-7-NS	T	Solid	7471A	
680-56861-14MS	Matrix Spike	T	Solid	7471A	
680-56861-14MSD	Matrix Spike Duplicate	T	Solid	7471A	
Analysis Batch:680-166538					
LCS 680-166337/24-A	Lab Control Sample	T	Solid	6010B	680-166337
MB 680-166337/23-A	Method Blank	T	Solid	6010B	680-166337
680-56861-1	IBS-1-LS	T	Solid	6010B	680-166337
680-56861-2	IBS-3-NS	T	Solid	6010B	680-166337

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-166757					
LCS 680-166757/20-A	Lab Control Sample	T	Solid	7471A	
MB 680-166757/19-A	Method Blank	T	Solid	7471A	
680-56861-1	IBS-1-LS	T	Solid	7471A	
680-56861-2	IBS-3-NS	T	Solid	7471A	
680-56861-15	IBS-7-LS	T	Solid	7471A	
680-56861-16	IBS-7-US	T	Solid	7471A	
680-56861-17	IBS-8-NS	T	Solid	7471A	
680-56861-18	IBS-8-LS	T	Solid	7471A	
680-56861-19	IBS-8-US	T	Solid	7471A	
680-56861-20	IBS-1-US	T	Solid	7471A	
680-56861-21	IBS-2-NS	T	Solid	7471A	
680-56861-22	IBS-2-LS	T	Solid	7471A	
680-56861-23	IBS-2-US	T	Solid	7471A	
680-56861-23MS	Matrix Spike	T	Solid	7471A	
680-56861-23MSD	Matrix Spike Duplicate	T	Solid	7471A	
Prep Batch: 680-166825					
LCS 680-166825/23-A	Lab Control Sample	T	Solid	3050B	
MB 680-166825/22-A	Method Blank	T	Solid	3050B	
680-56861-15	IBS-7-LS	T	Solid	3050B	
680-56861-16	IBS-7-US	T	Solid	3050B	
680-56861-17	IBS-8-NS	T	Solid	3050B	
680-56861-18	IBS-8-LS	T	Solid	3050B	
680-56861-19	IBS-8-US	T	Solid	3050B	
680-56861-20	IBS-1-US	T	Solid	3050B	
680-56861-21	IBS-2-NS	T	Solid	3050B	
680-56861-22	IBS-2-LS	T	Solid	3050B	
680-56861-23	IBS-2-US	T	Solid	3050B	

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:680-166869					
LCS 680-166528/24-A	Lab Control Sample	T	Solid	6010B	680-166528
MB 680-166528/23-A	Method Blank	T	Solid	6010B	680-166528
680-56861-3	IBS-3-LS	T	Solid	6010B	680-166528
680-56861-4	IBS-4-NS	T	Solid	6010B	680-166528
680-56861-5	IBS-4-LS	T	Solid	6010B	680-166528
680-56861-6	IBS-3-US	T	Solid	6010B	680-166528
680-56861-7	IBS-5-NS	T	Solid	6010B	680-166528
680-56861-8	IBS-5-LS	T	Solid	6010B	680-166528
680-56861-9	IBS-4-US	T	Solid	6010B	680-166528
680-56861-10	IBS-6-NS	T	Solid	6010B	680-166528
680-56861-11	IBS-6-LS	T	Solid	6010B	680-166528
680-56861-12	IBS-5-US	T	Solid	6010B	680-166528
680-56861-13	IBS-6-US	T	Solid	6010B	680-166528
680-56861-14	IBS-7-NS	T	Solid	6010B	680-166528
680-56861-14MS	Matrix Spike	T	Solid	6010B	680-166528
680-56861-14MSD	Matrix Spike Duplicate	T	Solid	6010B	680-166528
Analysis Batch:680-166898					
LCS 680-166534/24-A	Lab Control Sample	T	Solid	7471A	680-166534
MB 680-166534/23-A	Method Blank	T	Solid	7471A	680-166534
680-56861-3	IBS-3-LS	T	Solid	7471A	680-166534
680-56861-4	IBS-4-NS	T	Solid	7471A	680-166534
680-56861-5	IBS-4-LS	T	Solid	7471A	680-166534
680-56861-6	IBS-3-US	T	Solid	7471A	680-166534
680-56861-7	IBS-5-NS	T	Solid	7471A	680-166534
680-56861-8	IBS-5-LS	T	Solid	7471A	680-166534
680-56861-9	IBS-4-US	T	Solid	7471A	680-166534
680-56861-10	IBS-6-NS	T	Solid	7471A	680-166534
680-56861-11	IBS-6-LS	T	Solid	7471A	680-166534
680-56861-12	IBS-5-US	T	Solid	7471A	680-166534
680-56861-13	IBS-6-US	T	Solid	7471A	680-166534
680-56861-14	IBS-7-NS	T	Solid	7471A	680-166534
680-56861-14MS	Matrix Spike	T	Solid	7471A	680-166534
680-56861-14MSD	Matrix Spike Duplicate	T	Solid	7471A	680-166534

Client: Ashland Inc. Job Number: 680-56861-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:680-167080					
LCS 680-166757/20-A	Lab Control Sample	T	Solid	7471A	680-166757
MB 680-166757/19-A	Method Blank	T	Solid	7471A	680-166757
680-56861-1	IBS-1-LS	T	Solid	7471A	680-166757
680-56861-2	IBS-3-NS	T	Solid	7471A	680-166757
680-56861-15	IBS-7-LS	T	Solid	7471A	680-166757
680-56861-16	IBS-7-US	T	Solid	7471A	680-166757
680-56861-17	IBS-8-NS	T	Solid	7471A	680-166757
680-56861-18	IBS-8-LS	T	Solid	7471A	680-166757
680-56861-19	IBS-8-US	T	Solid	7471A	680-166757
680-56861-20	IBS-1-US	T	Solid	7471A	680-166757
680-56861-21	IBS-2-NS	T	Solid	7471A	680-166757
680-56861-22	IBS-2-LS	T	Solid	7471A	680-166757
680-56861-23	IBS-2-US	T	Solid	7471A	680-166757
680-56861-23MS	Matrix Spike	T	Solid	7471A	680-166757
680-56861-23MSD	Matrix Spike Duplicate	T	Solid	7471A	680-166757
Analysis Batch:680-167105					
LCS 680-166825/23-A	Lab Control Sample	T	Solid	6010B	680-166825
MB 680-166825/22-A	Method Blank	T	Solid	6010B	680-166825
680-56861-15	IBS-7-LS	T	Solid	6010B	680-166825
680-56861-16	IBS-7-US	T	Solid	6010B	680-166825
680-56861-17	IBS-8-NS	T	Solid	6010B	680-166825
680-56861-18	IBS-8-LS	T	Solid	6010B	680-166825
680-56861-19	IBS-8-US	T	Solid	6010B	680-166825
680-56861-20	IBS-1-US	T	Solid	6010B	680-166825
680-56861-21	IBS-2-NS	T	Solid	6010B	680-166825
680-56861-22	IBS-2-LS	T	Solid	6010B	680-166825
680-56861-23	IBS-2-US	T	Solid	6010B	680-166825

Report Basis
T = Total

Client: Ashland Inc. Job Number: 680-56861-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-56861-1	IBS-1-LS	0D	0D	0D
680-56861-2	IBS-3-NS	0D	0D	0D
680-56861-3	IBS-3-LS	0D	0D	0D
680-56861-4	IBS-4-NS	0D	0D	0D
680-56861-5	IBS-4-LS	0D	0D	0D
680-56861-6	IBS-3-US	0D	0D	0D
680-56861-7	IBS-5-NS	75	56X	66
680-56861-8	IBS-5-LS	0D	0D	0D
680-56861-9	IBS-4-US	0D	0D	0D
680-56861-10	IBS-6-NS	0D	0D	0D
680-56861-11	IBS-6-LS	0D	0D	0D
680-56861-12	IBS-5-US	0D	0D	0D
680-56861-13	IBS-6-US	0D	0D	0D
680-56861-14	IBS-7-NS	0D	0D	0D
680-56861-15	IBS-7-LS	0D	0D	0D
680-56861-16	IBS-7-US	0D	0D	0D
680-56861-17	IBS-8-NS	96	77	75
680-56861-18	IBS-8-LS	0D	0D	0D
680-56861-19	IBS-8-US	0D	0D	0D
680-56861-20	IBS-1-US	0D	0D	0D
680-56861-21	IBS-2-NS	0D	0D	0D
680-56861-22	IBS-2-LS	0D	0D	0D
680-56861-23	IBS-2-US	0D	0D	0D
MB 680-166615/8		104	92	100
MB 680-166686/8		113	93	108
MB 680-166737/8		122	97	122
MB 680-166861/9		121	103	112
LCS 680-166615/6		101	96	98
LCS 680-166686/6		91	79	88

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	65-124
DBFM = Dibromofluoromethane	65-124
TOL = Toluene-d8 (Surr)	65-132

Client: Ashland Inc.

Job Number: 680-56861-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
LCS 680-166737/6		103	78	95
LCS 680-166861/7		113	104	103
LCSD 680-166615/7		94	85	94
LCSD 680-166686/7		94	80	92
LCSD 680-166737/7		103	80	94
LCSD 680-166861/8		106	92	93

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	65-124
DBFM = Dibromofluoromethane	65-124
TOL = Toluene-d8 (Surr)	65-132

Client: Ashland Inc.

Job Number: 680-56861-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-56861-24	FB-1	100	91	103
680-56861-25	FB-2	99	93	100
680-56861-26	TB-1	99	90	102
680-56861-27	TB-2	98	93	102
680-56861-28	RB-1	94	92	103
MB 680-166185/9		100	100	105
LCS 680-166185/6		99	99	111
LCSD 680-166185/7		99	102	107

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

Client: Ashland Inc. Job Number: 680-56861-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	TPH %Rec	PHL %Rec	NBZ %Rec
680-56861-1	IBS-1-LS	0D	0D	0D	0D	0D	0D
680-56861-1	IBS-1-LS	0D	0D	0D	0D	0D	0D
680-56861-2	IBS-3-NS	0D	0D	0D	0D	0D	0D
680-56861-2	IBS-3-NS	0D	0D	0D	0D	0D	0D
680-56861-3	IBS-3-LS	0D	0D	0D	0D	0D	0D
680-56861-3	IBS-3-LS	0D	0D	0D	0D	0D	0D
680-56861-4	IBS-4-NS	0D	0D	0D	0D	0D	0D
680-56861-4	IBS-4-NS	0D	0D	0D	0D	0D	0D
680-56861-5	IBS-4-LS	0D	0D	0D	0D	0D	0D
680-56861-5	IBS-4-LS	0D	0D	0D	0D	0D	0D
680-56861-6	IBS-3-US	0D	0D	0D	0D	0D	0D
680-56861-7	IBS-5-NS	0D	0D	0D	0D	0D	0D
680-56861-8	IBS-5-LS	0D	0D	0D	0D	0D	0D
680-56861-8	IBS-5-LS	0D	0D	0D	0D	0D	0D
680-56861-9	IBS-4-US	0D	0D	0D	0D	0D	0D
680-56861-10	IBS-6-NS	0D	0D	0D	0D	0D	0D
680-56861-10	IBS-6-NS	0D	0D	0D	0D	0D	0D
680-56861-11	IBS-6-LS	0D	0D	0D	0D	0D	0D
680-56861-12	IBS-5-US	0D	0D	0D	0D	0D	0D
680-56861-13	IBS-6-US	0D	0D	0D	0D	0D	0D
680-56861-14	IBS-7-NS	0D	0D	0D	0D	0D	0D
680-56861-15	IBS-7-LS	0D	0D	0D	0D	0D	0D
680-56861-16	IBS-7-US	0D	0D	0D	0D	0D	0D
680-56861-17	IBS-8-NS	0D	0D	0D	0D	0D	0D
680-56861-18	IBS-8-LS	0D	0D	0D	0D	0D	0D
680-56861-19	IBS-8-US	0D	0D	0D	0D	0D	0D
680-56861-20	IBS-1-US	0D	0D	0D	0D	0D	0D
680-56861-21	IBS-2-NS	0D	0D	0D	0D	0D	0D
680-56861-22	IBS-2-LS	0D	0D	0D	0D	0D	0D

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol	34-130
FBP = 2-Fluorobiphenyl	34-130
2FP = 2-Fluorophenol	30-130
TPH = Terphenyl-d14	39-130
PHL = Phenol-d5	30-130
NBZ = Nitrobenzene-d5	27-130

Client: Ashland Inc. Job Number: 680-56861-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	TPH %Rec	PHL %Rec	NBZ %Rec
680-56861-23	IBS-2-US	0D	0D	0D	0D	0D	0D
MB 680-166147/21-A		94	81	76	99	81	78
LCS 680-166138/12-A		80	60	57	69	62	60
LCS 680-166147/22-A		101	82	70	95	79	74
680-56861-21 MS	IBS-2-NS MS	0D	0D	0D	0D	0D	0D
680-56861-21 MSD	IBS-2-NS MSD	0D	0D	0D	0D	0D	0D

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol	34-130
FBP = 2-Fluorobiphenyl	34-130
2FP = 2-Fluorophenol	30-130
TPH = Terphenyl-d14	39-130
PHL = Phenol-d5	30-130
NBZ = Nitrobenzene-d5	27-130

Client: Ashland Inc. Job Number: 680-56861-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	TPH %Rec	PHL %Rec	NBZ %Rec
680-56861-28	RB-1	96	78	73	101	77	83
MB 680-166243/7-A		102	88	75	103	82	90
LCS 680-166243/8-A		110	95	80	103	87	92
LCSD 680-166243/9-A		103	87	79	100	85	91

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol	40-139
FBP = 2-Fluorobiphenyl	50-113
2FP = 2-Fluorophenol	36-110
TPH = Terphenyl-d14	10-121
PHL = Phenol-d5	38-116
NBZ = Nitrobenzene-d5	45-112

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166185

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-166185/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/20/2010 1251
Date Prepared: 04/20/2010 1251

Analysis Batch: 680-166185
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP
Lab File ID: pq093.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	25	U	5.0	25
Acetonitrile	40	U	10	40
Acrolein	20	U	7.4	20
Acrylonitrile	20	U	7.2	20
Benzene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.50	1.0
Bromomethane	1.0	U	0.80	1.0
2-Butanone (MEK)	10	U	1.0	10
Carbon disulfide	2.0	U	0.60	2.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.25	1.0
2-Chloro-1,3-butadiene	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.10	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.14	1.0
Chloromethane	1.0	U	0.33	1.0
3-Chloro-1-propene	1.0	U	0.20	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.44	1.0
Dibromomethane	1.0	U	0.20	1.0
Dichlorobromomethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.25	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.11	1.0
1,2-Dichloropropane	1.0	U	0.13	1.0
Ethylbenzene	1.0	U	0.11	1.0
Ethylene Dibromide	1.0	U	0.25	1.0
Ethyl methacrylate	1.0	U	0.25	1.0
2-Hexanone	10	U	1.0	10
Iodomethane	5.0	U	1.0	5.0
Isobutyl alcohol	40	U	11	40
Methacrylonitrile	20	U	3.3	20
Methylene Chloride	5.0	U	1.0	5.0
Methyl methacrylate	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	10	U	1.0	10
Pentachloroethane	5.0	U	1.2	5.0
Propionitrile	20	U	4.6	20
Styrene	1.0	U	0.11	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.15	1.0
Toluene	1.0	U	0.33	1.0

Client: Ashland Inc.

Job Number: 680-56861-1

Method Blank - Batch: 680-166185

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-166185/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/20/2010 1251
Date Prepared: 04/20/2010 1251

Analysis Batch: 680-166185
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP
Lab File ID: pq093.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	2.0	U	0.50	2.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
1,1,1-Trichloroethane	1.0	U	0.50	1.0
1,1,2-Trichloroethane	1.0	U	0.13	1.0
Trichloroethene	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
1,2,3-Trichloropropane	1.0	U	0.41	1.0
Vinyl acetate	2.0	U	0.28	2.0
Vinyl chloride	1.0	U	0.18	1.0
Xylenes, Total	2.0	U	0.20	2.0

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

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166185

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-166185/6	Analysis Batch:	680-166185	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq085.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/20/2010 1041			Final Weight/Volume:	5 mL
Date Prepared:	04/20/2010 1041				

LCSD Lab Sample ID:	LCSD 680-166185/7	Analysis Batch:	680-166185	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq087.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/20/2010 1111			Final Weight/Volume:	5 mL
Date Prepared:	04/20/2010 1111				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	128	132	17 - 175	3	50		
Benzene	112	106	77 - 119	5	30		
Bromoform	92	93	62 - 133	1	30		
Bromomethane	138	107	12 - 184	26	50		
2-Butanone (MEK)	109	110	33 - 157	0	30		
Carbon disulfide	137	142	55 - 131	4	30	*	*
Carbon tetrachloride	128	120	71 - 135	6	30		
Chlorobenzene	103	102	85 - 116	1	30		
Chlorodibromomethane	104	102	75 - 133	2	30		
Chloroethane	97	123	40 - 165	24	50		
Chloroform	108	111	82 - 120	3	30		
Chloromethane	133	141	48 - 142	6	50		
cis-1,3-Dichloropropene	123	116	76 - 126	6	30		
1,2-Dibromo-3-Chloropropane	100	95	49 - 140	5	30		
Dibromomethane	116	108	78 - 119	7	30		
Dichlorobromomethane	119	112	78 - 127	6	30		
Dichlorodifluoromethane	145	151	34 - 154	4	30		
1,1-Dichloroethane	107	111	74 - 127	4	30		
1,2-Dichloroethane	121	114	66 - 132	6	30		
1,1-Dichloroethene	95	99	62 - 141	4	30		
1,2-Dichloropropane	117	114	73 - 124	3	30		
Ethylbenzene	107	103	86 - 116	3	30		
Ethylene Dibromide	103	101	80 - 121	2	30		
2-Hexanone	109	103	34 - 161	5	30		
Methylene Chloride	115	112	70 - 125	3	30		
4-Methyl-2-pentanone (MIBK)	120	110	40 - 151	9	30		
Styrene	104	99	82 - 122	5	30		
1,1,1,2-Tetrachloroethane	107	103	81 - 128	3	30		
1,1,2,2-Tetrachloroethane	99	99	69 - 129	0	30		
Tetrachloroethene	104	101	76 - 126	3	30		
Toluene	110	106	81 - 117	4	30		
trans-1,2-Dichloroethene	98	101	72 - 131	3	30		
trans-1,3-Dichloropropene	127	115	73 - 128	10	30		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166185

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-166185/6	Analysis Batch:	680-166185	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq085.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/20/2010 1041			Final Weight/Volume:	5 mL
Date Prepared:	04/20/2010 1041				

LCSD Lab Sample ID:	LCSD 680-166185/7	Analysis Batch:	680-166185	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq087.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/20/2010 1111			Final Weight/Volume:	5 mL
Date Prepared:	04/20/2010 1111				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	127	118	76 - 127	8	30		
1,1,2-Trichloroethane	111	108	75 - 121	3	30		
Trichloroethene	108	100	84 - 115	8	30		
Trichlorofluoromethane	132	133	58 - 149	1	50		
1,2,3-Trichloropropane	93	93	70 - 130	0	30		
Vinyl acetate	129	131	10 - 217	1	30		
Vinyl chloride	111	113	59 - 144	2	50		
Xylenes, Total	107	102	84 - 118	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	99	99	75 - 120
Dibromofluoromethane	99	102	75 - 121
Toluene-d8 (Surr)	111	107	75 - 120

Method Blank - Batch: 680-166615

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166615/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/23/2010 1128
Date Prepared: N/A

Analysis Batch: 680-166615
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq219.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	2000	U	440	2000
Acetonitrile	8000	U	1600	8000
Acrolein	4000	U	960	4000
Acrylonitrile	4000	U	1400	4000
Benzene	200	U	29	200
Bromoform	200	U	60	200
Bromomethane	200	U	60	200
2-Butanone (MEK)	1000	U	96	1000
Carbon disulfide	200	U	44	200
Carbon tetrachloride	200	U	33	200
Chlorobenzene	200	U	38	200
2-Chloro-1,3-butadiene	200	U	84	200
Chlorodibromomethane	200	U	68	200
Chloroethane	200	U	110	200
Chloroform	200	U	44	200
Chloromethane	200	U	40	200
3-Chloro-1-propene	200	U	88	200
cis-1,3-Dichloropropene	200	U	33	200
1,2-Dibromo-3-Chloropropane	400	U	180	400
Dibromomethane	200	U	68	200
Dichlorobromomethane	200	U	39	200
Dichlorodifluoromethane	200	U	38	200
1,1-Dichloroethane	200	U	44	200
1,2-Dichloroethane	200	U	44	200
1,1-Dichloroethene	200	U	60	200
1,2-Dichloropropane	200	U	34	200
Ethylbenzene	200	U	52	200
Ethylene Dibromide	200	U	60	200
Ethyl methacrylate	200	U	140	200
2-Hexanone	1000	U	130	1000
Iodomethane	200	U	72	200
Isobutyl alcohol	8000	U	2100	8000
Methacrylonitrile	4000	U	920	4000
Methylene Chloride	200	U	39	200
Methyl methacrylate	400	U	180	400
4-Methyl-2-pentanone (MIBK)	1000	U	170	1000
Pentachloroethane	1000	U	250	1000
Propionitrile	4000	U	1000	4000
Styrene	200	U	37	200
1,1,1,2-Tetrachloroethane	200	U	96	200
1,1,2,2-Tetrachloroethane	200	U	64	200
Tetrachloroethene	200	U	76	200
Toluene	200	U	34	200

Client: Ashland Inc.

Job Number: 680-56861-1

Method Blank - Batch: 680-166615

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166615/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/23/2010 1128
Date Prepared: N/A

Analysis Batch: 680-166615
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq219.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	400	U	120	400
trans-1,2-Dichloroethene	200	U	25	200
trans-1,3-Dichloropropene	200	U	35	200
1,1,1-Trichloroethane	200	U	24	200
1,1,2-Trichloroethane	200	U	52	200
Trichloroethene	200	U	52	200
Trichlorofluoromethane	200	U	48	200
1,2,3-Trichloropropane	200	U	96	200
Vinyl acetate	400	U	100	400
Vinyl chloride	200	U	60	200
Xylenes, Total	400	U	44	400

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	104	65 - 124
Dibromofluoromethane	92	65 - 124
Toluene-d8 (Surr)	100	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166615

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166615/6	Analysis Batch:	680-166615	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq216.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/23/2010 0954			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166615/7	Analysis Batch:	680-166615	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq217.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/23/2010 1018			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	92	84	16 - 202	9	50		
Benzene	99	94	63 - 130	5	50		
Bromoform	102	98	66 - 127	4	50		
Bromomethane	94	85	54 - 146	10	50		
2-Butanone (MEK)	97	89	19 - 192	9	50		
Carbon disulfide	98	86	46 - 134	13	50		
Carbon tetrachloride	94	90	60 - 136	4	50		
Chlorobenzene	96	93	77 - 120	4	50		
Chlorodibromomethane	100	96	70 - 126	5	50		
Chloroethane	84	61	26 - 166	32	50		
Chloroform	97	88	68 - 127	10	50		
Chloromethane	111	101	46 - 137	9	50		
cis-1,3-Dichloropropene	98	93	66 - 137	4	50		
1,2-Dibromo-3-Chloropropane	102	99	62 - 140	4	50		
Dibromomethane	97	91	61 - 138	6	50		
Dichlorobromomethane	98	94	64 - 137	4	50		
Dichlorodifluoromethane	103	92	17 - 163	11	50		
1,1-Dichloroethane	97	88	65 - 130	10	50		
1,2-Dichloroethane	98	94	62 - 140	5	50		
1,1-Dichloroethene	83	71	59 - 137	15	50		
1,2-Dichloropropane	96	94	66 - 135	2	50		
Ethylbenzene	101	96	77 - 121	6	50		
Ethylene Dibromide	95	92	61 - 138	3	50		
2-Hexanone	98	92	47 - 151	6	50		
Methylene Chloride	100	87	65 - 126	14	50		
4-Methyl-2-pentanone (MIBK)	123	115	50 - 148	6	50		
Styrene	104	97	75 - 123	7	50		
1,1,1,2-Tetrachloroethane	97	92	72 - 124	5	50		
1,1,2,2-Tetrachloroethane	94	90	65 - 130	5	50		
Tetrachloroethene	112	107	76 - 120	5	50		
Toluene	98	93	67 - 132	6	50		
trans-1,2-Dichloroethene	94	85	66 - 127	10	50		
trans-1,3-Dichloropropene	100	95	64 - 138	5	50		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166615

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166615/6	Analysis Batch:	680-166615	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq216.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/23/2010 0954			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166615/7	Analysis Batch:	680-166615	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq217.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/23/2010 1018			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	100	95	56 - 140	6	50		
1,1,2-Trichloroethane	101	97	62 - 138	5	50		
Trichloroethene	93	91	68 - 133	2	50		
Trichlorofluoromethane	99	89	33 - 152	10	50		
1,2,3-Trichloropropane	95	96	65 - 132	1	50		
Vinyl acetate	97	83	10 - 254	15	50		
Vinyl chloride	102	92	56 - 139	10	50		
Xylenes, Total	98	94	76 - 122	4	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	101	94	65 - 124
Dibromofluoromethane	96	85	65 - 124
Toluene-d8 (Surr)	98	94	65 - 132

Method Blank - Batch: 680-166686

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166686/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/25/2010 1531
Date Prepared: N/A

Analysis Batch: 680-166686
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq237.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	2000	U	440	2000
Acetonitrile	8000	U	1600	8000
Acrolein	4000	U	960	4000
Acrylonitrile	4000	U	1400	4000
Benzene	200	U	29	200
Bromoform	200	U	60	200
Bromomethane	200	U	60	200
2-Butanone (MEK)	1000	U	96	1000
Carbon disulfide	200	U	44	200
Carbon tetrachloride	200	U	33	200
Chlorobenzene	200	U	38	200
2-Chloro-1,3-butadiene	200	U	84	200
Chlorodibromomethane	200	U	68	200
Chloroethane	200	U	110	200
Chloroform	200	U	44	200
Chloromethane	200	U	40	200
3-Chloro-1-propene	200	U	88	200
cis-1,3-Dichloropropene	200	U	33	200
1,2-Dibromo-3-Chloropropane	400	U	180	400
Dibromomethane	200	U	68	200
Dichlorobromomethane	200	U	39	200
Dichlorodifluoromethane	200	U	38	200
1,1-Dichloroethane	200	U	44	200
1,2-Dichloroethane	200	U	44	200
1,1-Dichloroethene	200	U	60	200
1,2-Dichloropropane	200	U	34	200
Ethylbenzene	200	U	52	200
Ethylene Dibromide	200	U	60	200
Ethyl methacrylate	200	U	140	200
2-Hexanone	1000	U	130	1000
Iodomethane	200	U	72	200
Isobutyl alcohol	8000	U	2100	8000
Methacrylonitrile	4000	U	920	4000
Methylene Chloride	200	U	39	200
Methyl methacrylate	400	U	180	400
4-Methyl-2-pentanone (MIBK)	1000	U	170	1000
Pentachloroethane	1000	U	250	1000
Propionitrile	4000	U	1000	4000
Styrene	200	U	37	200
1,1,1,2-Tetrachloroethane	200	U	96	200
1,1,2,2-Tetrachloroethane	200	U	64	200
Tetrachloroethene	200	U	76	200
Toluene	200	U	34	200

Client: Ashland Inc.

Job Number: 680-56861-1

Method Blank - Batch: 680-166686

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166686/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/25/2010 1531
Date Prepared: N/A

Analysis Batch: 680-166686
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq237.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	400	U	120	400
trans-1,2-Dichloroethene	200	U	25	200
trans-1,3-Dichloropropene	200	U	35	200
1,1,1-Trichloroethane	200	U	24	200
1,1,2-Trichloroethane	200	U	52	200
Trichloroethene	200	U	52	200
Trichlorofluoromethane	200	U	48	200
1,2,3-Trichloropropane	200	U	96	200
Vinyl acetate	400	U	100	400
Vinyl chloride	200	U	60	200
Xylenes, Total	400	U	44	400

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	113	65 - 124
Dibromofluoromethane	93	65 - 124
Toluene-d8 (Surr)	108	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166686

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166686/6	Analysis Batch:	680-166686	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq235.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/25/2010 1420			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166686/7	Analysis Batch:	680-166686	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq236.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/25/2010 1444			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	76	77	16 - 202	0	50		
Benzene	84	87	63 - 130	3	50		
Bromoform	98	95	66 - 127	3	50		
Bromomethane	79	82	54 - 146	4	50		
2-Butanone (MEK)	87	80	19 - 192	8	50		
Carbon disulfide	74	75	46 - 134	1	50		
Carbon tetrachloride	89	94	60 - 136	5	50		
Chlorobenzene	88	88	77 - 120	0	50		
Chlorodibromomethane	94	93	70 - 126	1	50		
Chloroethane	52	61	26 - 166	17	50		
Chloroform	79	79	68 - 127	0	50		
Chloromethane	51	82	46 - 137	47	50		
cis-1,3-Dichloropropene	89	89	66 - 137	0	50		
1,2-Dibromo-3-Chloropropane	101	99	62 - 140	2	50		
Dibromomethane	89	88	61 - 138	0	50		
Dichlorobromomethane	89	92	64 - 137	3	50		
Dichlorodifluoromethane	78	80	17 - 163	3	50		
1,1-Dichloroethane	77	77	65 - 130	1	50		
1,2-Dichloroethane	95	96	62 - 140	1	50		
1,1-Dichloroethene	88	86	59 - 137	3	50		
1,2-Dichloropropane	85	87	66 - 135	2	50		
Ethylbenzene	91	94	77 - 121	2	50		
Ethylene Dibromide	89	91	61 - 138	2	50		
2-Hexanone	96	91	47 - 151	6	50		
Methylene Chloride	75	76	65 - 126	1	50		
4-Methyl-2-pentanone (MIBK)	117	115	50 - 148	1	50		
Styrene	93	94	75 - 123	1	50		
1,1,1,2-Tetrachloroethane	92	90	72 - 124	1	50		
1,1,2,2-Tetrachloroethane	89	86	65 - 130	3	50		
Tetrachloroethene	105	106	76 - 120	1	50		
Toluene	88	91	67 - 132	4	50		
trans-1,2-Dichloroethene	75	76	66 - 127	0	50		
trans-1,3-Dichloropropene	92	96	64 - 138	4	50		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166686

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166686/6	Analysis Batch:	680-166686	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq235.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/25/2010 1420			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166686/7	Analysis Batch:	680-166686	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq236.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/25/2010 1444			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	92	97	56 - 140	5	50		
1,1,2-Trichloroethane	92	93	62 - 138	1	50		
Trichloroethene	85	87	68 - 133	2	50		
Trichlorofluoromethane	80	84	33 - 152	5	50		
1,2,3-Trichloropropane	91	89	65 - 132	2	50		
Vinyl acetate	80	78	10 - 254	3	50		
Vinyl chloride	79	73	56 - 139	7	50		
Xylenes, Total	87	91	76 - 122	4	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	91	94	65 - 124
Dibromofluoromethane	79	80	65 - 124
Toluene-d8 (Surr)	88	92	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166737

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166737/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/26/2010 0946
Date Prepared: N/A

Analysis Batch: 680-166737
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq243.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	2000	U	440	2000
Acetonitrile	8000	U	1600	8000
Acrolein	4000	U	960	4000
Acrylonitrile	4000	U	1400	4000
Benzene	200	U	29	200
Bromoform	200	U	60	200
Bromomethane	200	U	60	200
2-Butanone (MEK)	1000	U	96	1000
Carbon disulfide	200	U	44	200
Carbon tetrachloride	200	U	33	200
Chlorobenzene	200	U	38	200
2-Chloro-1,3-butadiene	200	U	84	200
Chlorodibromomethane	200	U	68	200
Chloroethane	200	U	110	200
Chloroform	200	U	44	200
Chloromethane	200	U	40	200
3-Chloro-1-propene	200	U	88	200
cis-1,3-Dichloropropene	200	U	33	200
1,2-Dibromo-3-Chloropropane	400	U	180	400
Dibromomethane	200	U	68	200
Dichlorobromomethane	200	U	39	200
Dichlorodifluoromethane	200	U	38	200
1,1-Dichloroethane	200	U	44	200
1,2-Dichloroethane	200	U	44	200
1,1-Dichloroethene	200	U	60	200
1,2-Dichloropropane	200	U	34	200
Ethylbenzene	200	U	52	200
Ethylene Dibromide	200	U	60	200
Ethyl methacrylate	200	U	140	200
2-Hexanone	1000	U	130	1000
Iodomethane	200	U	72	200
Isobutyl alcohol	8000	U	2100	8000
Methacrylonitrile	4000	U	920	4000
Methylene Chloride	200	U	39	200
Methyl methacrylate	400	U	180	400
4-Methyl-2-pentanone (MIBK)	1000	U	170	1000
Pentachloroethane	1000	U	250	1000
Propionitrile	4000	U	1000	4000
Styrene	200	U	37	200
1,1,1,2-Tetrachloroethane	200	U	96	200
1,1,2,2-Tetrachloroethane	200	U	64	200
Tetrachloroethene	200	U	76	200
Toluene	200	U	34	200

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166737

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166737/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/26/2010 0946
Date Prepared: N/A

Analysis Batch: 680-166737
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq243.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	400	U	120	400
trans-1,2-Dichloroethene	200	U	25	200
trans-1,3-Dichloropropene	200	U	35	200
1,1,1-Trichloroethane	200	U	24	200
1,1,2-Trichloroethane	200	U	52	200
Trichloroethene	200	U	52	200
Trichlorofluoromethane	200	U	48	200
1,2,3-Trichloropropane	200	U	96	200
Vinyl acetate	400	U	100	400
Vinyl chloride	200	U	60	200
Xylenes, Total	400	U	44	400

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	122	65 - 124
Dibromofluoromethane	97	65 - 124
Toluene-d8 (Surr)	122	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166737

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166737/6	Analysis Batch:	680-166737	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq241.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/26/2010 0835			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166737/7	Analysis Batch:	680-166737	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq242.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/26/2010 0859			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	98	85	16 - 202	14	50		
Benzene	91	89	63 - 130	2	50		
Bromoform	119	111	66 - 127	7	50		
Bromomethane	66	77	54 - 146	15	50		
2-Butanone (MEK)	96	92	19 - 192	5	50		
Carbon disulfide	93	90	46 - 134	3	50		
Carbon tetrachloride	106	100	60 - 136	5	50		
Chlorobenzene	96	96	77 - 120	1	50		
Chlorodibromomethane	104	102	70 - 126	2	50		
Chloroethane	56	58	26 - 166	2	50		
Chloroform	86	84	68 - 127	3	50		
Chloromethane	79	78	46 - 137	1	50		
cis-1,3-Dichloropropene	95	92	66 - 137	3	50		
1,2-Dibromo-3-Chloropropane	123	123	62 - 140	0	50		
Dibromomethane	99	96	61 - 138	3	50		
Dichlorobromomethane	101	94	64 - 137	7	50		
Dichlorodifluoromethane	77	76	17 - 163	2	50		
1,1-Dichloroethane	82	80	65 - 130	2	50		
1,2-Dichloroethane	102	99	62 - 140	3	50		
1,1-Dichloroethene	77	78	59 - 137	1	50		
1,2-Dichloropropane	94	92	66 - 135	2	50		
Ethylbenzene	101	101	77 - 121	0	50		
Ethylene Dibromide	100	96	61 - 138	4	50		
2-Hexanone	112	107	47 - 151	5	50		
Methylene Chloride	82	78	65 - 126	4	50		
4-Methyl-2-pentanone (MIBK)	138	128	50 - 148	7	50		
Styrene	103	104	75 - 123	1	50		
1,1,1,2-Tetrachloroethane	97	99	72 - 124	1	50		
1,1,2,2-Tetrachloroethane	94	90	65 - 130	5	50		
Tetrachloroethene	119	118	76 - 120	0	50		
Toluene	95	94	67 - 132	1	50		
trans-1,2-Dichloroethene	72	73	66 - 127	2	50		
trans-1,3-Dichloropropene	106	100	64 - 138	7	50		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166737

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166737/6	Analysis Batch:	680-166737	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq241.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/26/2010 0835			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166737/7	Analysis Batch:	680-166737	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq242.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/26/2010 0859			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	111	109	56 - 140	2	50		
1,1,2-Trichloroethane	104	100	62 - 138	3	50		
Trichloroethene	95	93	68 - 133	2	50		
Trichlorofluoromethane	84	83	33 - 152	2	50		
1,2,3-Trichloropropane	105	103	65 - 132	2	50		
Vinyl acetate	81	76	10 - 254	7	50		
Vinyl chloride	69	70	56 - 139	1	50		
Xylenes, Total	98	99	76 - 122	1	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	103	103	65 - 124
Dibromofluoromethane	78	80	65 - 124
Toluene-d8 (Surr)	95	94	65 - 132

Method Blank - Batch: 680-166861

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166861/9
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/27/2010 0903
Date Prepared: N/A

Analysis Batch: 680-166861
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq261.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	2000	U	440	2000
Acetonitrile	8000	U	1600	8000
Acrolein	4000	U	960	4000
Acrylonitrile	4000	U	1400	4000
Benzene	200	U	29	200
Bromoform	200	U	60	200
Bromomethane	200	U	60	200
2-Butanone (MEK)	1000	U	96	1000
Carbon disulfide	200	U	44	200
Carbon tetrachloride	200	U	33	200
Chlorobenzene	200	U	38	200
2-Chloro-1,3-butadiene	200	U	84	200
Chlorodibromomethane	200	U	68	200
Chloroethane	200	U	110	200
Chloroform	200	U	44	200
Chloromethane	200	U	40	200
3-Chloro-1-propene	200	U	88	200
cis-1,3-Dichloropropene	200	U	33	200
1,2-Dibromo-3-Chloropropane	400	U	180	400
Dibromomethane	200	U	68	200
Dichlorobromomethane	200	U	39	200
Dichlorodifluoromethane	200	U	38	200
1,1-Dichloroethane	200	U	44	200
1,2-Dichloroethane	200	U	44	200
1,1-Dichloroethene	200	U	60	200
1,2-Dichloropropane	200	U	34	200
Ethylbenzene	200	U	52	200
Ethylene Dibromide	200	U	60	200
Ethyl methacrylate	200	U	140	200
2-Hexanone	1000	U	130	1000
Iodomethane	200	U	72	200
Isobutyl alcohol	8000	U	2100	8000
Methacrylonitrile	4000	U	920	4000
Methylene Chloride	200	U	39	200
Methyl methacrylate	400	U	180	400
4-Methyl-2-pentanone (MIBK)	1000	U	170	1000
Pentachloroethane	1000	U	250	1000
Propionitrile	4000	U	1000	4000
Styrene	200	U	37	200
1,1,1,2-Tetrachloroethane	200	U	96	200
1,1,2,2-Tetrachloroethane	200	U	64	200
Tetrachloroethene	200	U	76	200
Toluene	200	U	34	200

Client: Ashland Inc.

Job Number: 680-56861-1

Method Blank - Batch: 680-166861

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-166861/9
Client Matrix: Solid
Dilution: 40
Date Analyzed: 04/27/2010 0903
Date Prepared: N/A

Analysis Batch: 680-166861
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq261.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	400	U	120	400
trans-1,2-Dichloroethene	200	U	25	200
trans-1,3-Dichloropropene	200	U	35	200
1,1,1-Trichloroethane	200	U	24	200
1,1,2-Trichloroethane	200	U	52	200
Trichloroethene	200	U	52	200
Trichlorofluoromethane	200	U	48	200
1,2,3-Trichloropropane	200	U	96	200
Vinyl acetate	400	U	100	400
Vinyl chloride	200	U	60	200
Xylenes, Total	400	U	44	400

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	121	65 - 124
Dibromofluoromethane	103	65 - 124
Toluene-d8 (Surr)	112	65 - 132

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166861

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166861/7	Analysis Batch:	680-166861	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq259.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/27/2010 0753			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166861/8	Analysis Batch:	680-166861	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq260.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/27/2010 0816			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	105	92	16 - 202	14	50		
Benzene	106	96	63 - 130	10	50		
Bromoform	103	94	66 - 127	9	50		
Bromomethane	93	81	54 - 146	14	50		
2-Butanone (MEK)	105	95	19 - 192	10	50		
Carbon disulfide	111	97	46 - 134	14	50		
Carbon tetrachloride	102	91	60 - 136	12	50		
Chlorobenzene	100	95	77 - 120	5	50		
Chlorodibromomethane	101	93	70 - 126	8	50		
Chloroethane	65	64	26 - 166	2	50		
Chloroform	106	95	68 - 127	11	50		
Chloromethane	125	102	46 - 137	20	50		
cis-1,3-Dichloropropene	99	89	66 - 137	11	50		
1,2-Dibromo-3-Chloropropane	94	90	62 - 140	5	50		
Dibromomethane	99	87	61 - 138	13	50		
Dichlorobromomethane	101	92	64 - 137	9	50		
Dichlorodifluoromethane	115	99	17 - 163	15	50		
1,1-Dichloroethane	107	94	65 - 130	12	50		
1,2-Dichloroethane	98	88	62 - 140	10	50		
1,1-Dichloroethene	112	94	59 - 137	18	50		
1,2-Dichloropropane	98	89	66 - 135	10	50		
Ethylbenzene	104	95	77 - 121	9	50		
Ethylene Dibromide	101	90	61 - 138	12	50		
2-Hexanone	91	84	47 - 151	8	50		
Methylene Chloride	110	96	65 - 126	13	50		
4-Methyl-2-pentanone (MIBK)	122	109	50 - 148	11	50		
Styrene	98	91	75 - 123	8	50		
1,1,1,2-Tetrachloroethane	100	92	72 - 124	9	50		
1,1,2,2-Tetrachloroethane	102	92	65 - 130	10	50		
Tetrachloroethene	99	91	76 - 120	9	50		
Toluene	105	96	67 - 132	9	50		
trans-1,2-Dichloroethene	105	96	66 - 127	10	50		
trans-1,3-Dichloropropene	100	90	64 - 138	11	50		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166861

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-166861/7	Analysis Batch:	680-166861	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq259.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/27/2010 0753			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-166861/8	Analysis Batch:	680-166861	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq260.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	04/27/2010 0816			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	100	93	56 - 140	8	50		
1,1,2-Trichloroethane	97	87	62 - 138	10	50		
Trichloroethene	100	89	68 - 133	12	50		
Trichlorofluoromethane	112	96	33 - 152	16	50		
1,2,3-Trichloropropane	93	88	65 - 132	5	50		
Vinyl acetate	107	93	10 - 254	15	50		
Vinyl chloride	126	103	56 - 139	20	50		
Xylenes, Total	102	93	76 - 122	8	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	113	106	65 - 124
Dibromofluoromethane	104	92	65 - 124
Toluene-d8 (Surr)	103	93	65 - 132

Lab Control Sample - Batch: 680-166138

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-166138/12-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2010 2329
Date Prepared: 04/20/2010 1628

Analysis Batch: 680-166547
Prep Batch: 680-166138
Units: ug/Kg

Instrument ID: MSN
Lab File ID: n7005.d
Initial Weight/Volume: 30.07 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2060	62	37 - 130	
Acenaphthylene	3330	2130	64	37 - 130	
Acetophenone	3330	1560	47	22 - 130	
2-Acetylaminofluorene	3330	2720	82	10 - 130	
alpha,alpha-Dimethyl phenethylamine	16600	14700	88	10 - 130	J E
4-Aminobiphenyl	3330	362	11	10 - 130	
Aniline	3330	1570	47	13 - 130	
Anthracene	3330	2340	70	39 - 130	
Aramite, Total	3330	2970	89	10 - 130	
Benzo[a]anthracene	3330	2400	72	40 - 130	
Benzo[a]pyrene	3330	2500	75	43 - 130	
Benzo[b]fluoranthene	3330	2450	74	35 - 130	
Benzo[g,h,i]perylene	3330	2230	67	37 - 130	
Benzo[k]fluoranthene	3330	2300	69	34 - 130	
Benzyl alcohol	3330	2040	61	25 - 130	
1,1'-Biphenyl	3330	2070	62	31 - 130	
Bis(2-chloroethoxy)methane	3330	2750	83	30 - 130	
Bis(2-chloroethyl)ether	3330	1980	60	16 - 130	
bis(chloroisopropyl) ether	3330	2100	63	15 - 130	
Bis(2-ethylhexyl) phthalate	3330	2620	79	38 - 130	
4-Bromophenyl phenyl ether	3330	2370	71	35 - 130	
Butyl benzyl phthalate	3330	2800	84	41 - 130	
4-Chloroaniline	3330	2000	60	23 - 130	
4-Chloro-3-methylphenol	3330	2400	72	36 - 130	
2-Chloronaphthalene	3330	2050	62	35 - 130	
2-Chlorophenol	3330	1990	60	32 - 130	
4-Chlorophenyl phenyl ether	3330	2330	70	40 - 130	
Chrysene	3330	2330	70	43 - 130	
Diallate	3330	2410	72	10 - 130	
Dibenz(a,h)anthracene	3330	2350	71	36 - 130	
Dibenzofuran	3330	2120	64	38 - 130	
1,2-Dichlorobenzene	3330	1710	51	27 - 130	
1,3-Dichlorobenzene	3330	1640	49	25 - 130	
1,4-Dichlorobenzene	3330	1630	49	26 - 130	
3,3'-Dichlorobenzidine	3330	2840	85	28 - 130	
2,4-Dichlorophenol	3330	2150	65	35 - 130	
2,6-Dichlorophenol	3330	2170	65	10 - 130	
Diethyl phthalate	3330	2420	73	42 - 130	
Dimethoate	3330	2260	68	10 - 130	
7,12-Dimethylbenz(a)anthracene	3330	2570	77	10 - 130	
3,3'-Dimethylbenzidine	3330	1700	15	10 - 130	U
2,4-Dimethylphenol	6650	4250	64	31 - 130	
Dimethyl phthalate	3330	2360	71	43 - 130	

Lab Control Sample - Batch: 680-166138

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-166138/12-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2010 2329
Date Prepared: 04/20/2010 1628

Analysis Batch: 680-166547
Prep Batch: 680-166138
Units: ug/Kg

Instrument ID: MSN
Lab File ID: n7005.d
Initial Weight/Volume: 30.07 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Di-n-butyl phthalate	3330	2630	79	39 - 130	
1,3-Dinitrobenzene	3330	2660	80	10 - 130	
4,6-Dinitro-2-methylphenol	3330	2870	86	22 - 130	
2,4-Dinitrophenol	3330	3190	96	10 - 137	
2,4-Dinitrotoluene	3330	2610	79	36 - 130	
2,6-Dinitrotoluene	3330	2510	75	38 - 130	
Di-n-octyl phthalate	3330	2550	77	37 - 130	
Dinoseb	3330	2760	83	10 - 130	
1,4-Dioxane	3330	627	19	10 - 130	
Disulfoton	3330	2710	82	10 - 130	
Ethyl methanesulfonate	3330	1800	54	10 - 130	
Ethyl Parathion	3330	2990	90	10 - 130	
Famphur	3330	205	6	10 - 130	J *
Fluoranthene	3330	2370	71	40 - 130	
Fluorene	3330	2220	67	38 - 130	
Hexachlorobenzene	3330	2170	65	40 - 130	
Hexachlorobutadiene	3330	1940	58	29 - 130	
Hexachlorocyclopentadiene	3330	1740	52	10 - 130	
Hexachloroethane	3330	1700	51	23 - 130	
Hexachlorophene	16600	170000	5	10 - 130	U *
Hexachloropropene	3330	330	0	10 - 130	U *
Indeno[1,2,3-cd]pyrene	3330	2430	73	34 - 130	
Isophorone	3330	1940	58	30 - 130	
Isosafrole	3330	2350	71	10 - 130	
Methapyrilene	3330	3240	97	10 - 130	J
3-Methylcholanthrene	3330	1650	50	10 - 130	
Methyl methanesulfonate	3330	180	5	10 - 130	J *
2-Methylnaphthalene	3330	2050	62	35 - 130	
Methyl parathion	3330	2850	86	10 - 130	
2-Methylphenol	3330	2150	65	32 - 130	
3 & 4 Methylphenol	3330	2170	65	31 - 130	
Naphthalene	3330	1880	57	32 - 130	
1,4-Naphthoquinone	3330	18.0	1	10 - 130	J *
1-Naphthylamine	3330	81.2	2	10 - 130	J *
2-Naphthylamine	3330	758	23	10 - 130	
2-Nitroaniline	3330	2380	71	29 - 130	
3-Nitroaniline	3330	2260	68	30 - 130	
4-Nitroaniline	3330	2520	76	32 - 130	
Nitrobenzene	3330	1890	57	24 - 130	
2-Nitrophenol	3330	2130	64	31 - 130	
4-Nitrophenol	3330	2750	83	18 - 130	
4-Nitroquinoline-1-oxide	3330	2510	75	10 - 130	J
N-Nitro-o-toluidine	3330	2190	66	10 - 130	

Lab Control Sample - Batch: 680-166138

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-166138/12-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2010 2329
Date Prepared: 04/20/2010 1628

Analysis Batch: 680-166547
Prep Batch: 680-166138
Units: ug/Kg

Instrument ID: MSN
Lab File ID: n7005.d
Initial Weight/Volume: 30.07 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodiethylamine	3330	1910	58	10 - 130	
N-Nitrosodimethylamine	3330	1810	54	11 - 130	
N-Nitrosodi-n-butylamine	3330	2370	71	10 - 130	
N-Nitrosodi-n-propylamine	3330	2380	72	26 - 130	
N-Nitrosodiphenylamine	3330	2460	74	43 - 130	
N-Nitrosomethylethylamine	3330	1940	58	10 - 130	
N-Nitrosomorpholine	3330	2320	70	10 - 130	
N-Nitrosopiperidine	3330	2070	62	10 - 130	
N-Nitrosopyrrolidine	3330	2130	64	10 - 130	
o,o',o''-Triethylphosphorothioate	3330	3760	113	10 - 130	
p-Dimethylamino azobenzene	3330	2610	78	10 - 130	
Pentachlorobenzene	3330	2210	67	10 - 130	
Pentachloronitrobenzene	3330	2500	75	10 - 130	
Pentachlorophenol	3330	2770	83	26 - 130	
Phenacetin	3330	2600	78	10 - 130	
Phenanthrene	3330	2270	68	38 - 130	
Phenol	3330	1950	59	31 - 130	
Phorate	3330	2320	70	10 - 130	
2-Picoline	3330	1340	40	10 - 130	
p-Phenylene diamine	16600	2390	14	10 - 130	
Pronamide	3330	2520	76	10 - 130	
Pyrene	3330	2300	69	40 - 130	
Pyridine	3330	991	30	10 - 130	
Safrole, Total	3330	2230	67	10 - 130	
Sulfotepp	3330	2280	68	10 - 130	
1,2,4,5-Tetrachlorobenzene	3330	2020	61	10 - 130	
2,3,4,6-Tetrachlorophenol	3330	2520	76	10 - 130	
Thionazin	3330	2620	79	10 - 130	
2-Toluidine	3330	1070	32	10 - 130	
1,2,4-Trichlorobenzene	3330	1830	55	30 - 130	
2,4,5-Trichlorophenol	3330	2260	68	38 - 130	
2,4,6-Trichlorophenol	3330	2150	65	36 - 130	
1,3,5-Trinitrobenzene	3330	2880	87	10 - 130	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	80	34 - 130
2-Fluorobiphenyl	60	34 - 130
2-Fluorophenol	57	30 - 130
Terphenyl-d14	69	39 - 130
Phenol-d5	62	30 - 130
Nitrobenzene-d5	60	27 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166138

Method: 8270C
Preparation: 3546

MS Lab Sample ID:	680-56861-21	Analysis Batch:	680-167473	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-166138	Lab File ID:	g1028.d
Dilution:	50			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1617			Final Weight/Volume:	1 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

MSD Lab Sample ID:	680-56861-21	Analysis Batch:	680-167473	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-166138	Lab File ID:	g1029.d
Dilution:	50			Initial Weight/Volume:	30.09 g
Date Analyzed:	05/04/2010 1641			Final Weight/Volume:	1 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	0	0	37 - 130	NC	50	U F	U F
Acenaphthylene	56	0	37 - 130	NC	50	J	U F
Acetophenone	44	0	22 - 130	NC	50	J	U F
2-Acetylaminofluorene	0	43	10 - 130	NC	50	U F	J
alpha,alpha-Dimethyl phenethylamine	NC	NC	10 - 130	NC	50	U	U
4-Aminobiphenyl	0	0	10 - 130	NC	50	U F	U F
Aniline	0	0	13 - 130	NC	50	U F	U F
Anthracene	69	52	39 - 130	27	50	J	J
Aramite, Total	0	0	10 - 130	NC	50	U F	U F
Benzo[a]anthracene	68	60	40 - 130	13	50	J	J
Benzo[a]pyrene	0	0	43 - 130	NC	50	U F	U F
Benzo[b]fluoranthene	59	0	35 - 130	NC	50	J	U F
Benzo[g,h,i]perylene	62	57	37 - 130	8	50	J	J
Benzo[k]fluoranthene	0	0	34 - 130	NC	50	U F	U F
Benzyl alcohol	-59	-61	25 - 130	2	50	J F	J F
1,1'-Biphenyl	-224	-248	31 - 130	4	50	4	4
Bis(2-chloroethoxy)methane	79	0	30 - 130	NC	50	J	U F
Bis(2-chloroethyl)ether	0	0	16 - 130	NC	50	U F	U F
bis(chloroisopropyl) ether	66	52	15 - 130	23	50	J	J
Bis(2-ethylhexyl) phthalate	87	65	38 - 130	30	50	J	J
4-Bromophenyl phenyl ether	71	55	35 - 130	26	50	J	J
Butyl benzyl phthalate	91	78	41 - 130	16	50	J	J
4-Chloroaniline	0	0	23 - 130	NC	50	U F	U F
4-Chloro-3-methylphenol	0	0	36 - 130	NC	50	U F	U F
2-Chloronaphthalene	61	0	35 - 130	NC	50	J	U F
2-Chlorophenol	0	0	32 - 130	NC	50	U F	U F
4-Chlorophenyl phenyl ether	0	59	40 - 130	NC	50	U F	J
Chrysene	69	63	43 - 130	10	50	J	J
Diallate	NC	NC	10 - 130	NC	50	U	U
Dibenz(a,h)anthracene	63	55	36 - 130	14	50	J	J

Client: Ashland Inc. Job Number: 680-56861-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166138

Method: 8270C
Preparation: 3546

MS Lab Sample ID:	680-56861-21	Analysis Batch:	680-167473	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-166138	Lab File ID:	g1028.d
Dilution:	50			Initial Weight/Volume:	30.03 g
Date Analyzed:	05/04/2010 1617			Final Weight/Volume:	1 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

MSD Lab Sample ID:	680-56861-21	Analysis Batch:	680-167473	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-166138	Lab File ID:	g1029.d
Dilution:	50			Initial Weight/Volume:	30.09 g
Date Analyzed:	05/04/2010 1641			Final Weight/Volume:	1 mL
Date Prepared:	04/20/2010 1628			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dibenzofuran	63	60	38 - 130	5	50	J	J
1,2-Dichlorobenzene	59	0	27 - 130	NC	50	J	U F
1,3-Dichlorobenzene	0	0	25 - 130	NC	50	U F	U F
1,4-Dichlorobenzene	57	0	26 - 130	NC	50	J	U F
3,3'-Dichlorobenzidine	0	0	28 - 130	NC	50	U F	U F
2,4-Dichlorophenol	0	0	35 - 130	NC	50	U F	U F
2,6-Dichlorophenol	0	0	10 - 130	NC	50	U F	U F
Diethyl phthalate	84	69	42 - 130	20	50	J	J
Dimethoate	50	45	10 - 130	11	50	J	J
7,12-Dimethylbenz(a)anthracene	0	31	10 - 130	NC	50	U F	J
3,3'-Dimethylbenzidine	NC	NC	10 - 130	NC	50	U	U
2,4-Dimethylphenol	0	0	31 - 130	NC	50	U F	U F
Dimethyl phthalate	0	52	43 - 130	NC	50	U F	J
Di-n-butyl phthalate	102	92	39 - 130	11	50	J	J
1,3-Dinitrobenzene	0	0	10 - 130	NC	50	U F	U F
4,6-Dinitro-2-methylphenol	NC	NC	22 - 130	NC	50	U	U
2,4-Dinitrophenol	NC	NC	10 - 137	NC	50	U	U
2,4-Dinitrotoluene	0	0	36 - 130	NC	50	U F	U F
2,6-Dinitrotoluene	0	0	38 - 130	NC	50	U F	U F
Di-n-octyl phthalate	83	66	37 - 130	24	50	J	J
Dinoseb	NC	NC	10 - 130	NC	50	U	U
1,4-Dioxane	NC	NC	10 - 130	NC	50	U	U
Disulfoton	63	0	10 - 130	NC	50	J	U F
Ethyl methanesulfonate	0	0	10 - 130	NC	50	U F	U F
Ethyl Parathion	2530	0	10 - 130	NC	50	F	U F
Famphur	49	0	10 - 130	NC	50	J	U F
Fluoranthene	68	56	40 - 130	20	50	J	J
Fluorene	57	0	38 - 130	NC	50	J	U F
Hexachlorobenzene	66	0	40 - 130	NC	50	J	U F
Hexachlorobutadiene	67	0	29 - 130	NC	50	J	U F

Client: Ashland Inc. Job Number: 680-56861-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166138

Method: 8270C
Preparation: 3546

MS Lab Sample ID:	680-56861-21	Analysis Batch: 680-167473	Instrument ID: MSG
Client Matrix:	Solid	Prep Batch: 680-166138	Lab File ID: g1028.d
Dilution:	50		Initial Weight/Volume: 30.03 g
Date Analyzed:	05/04/2010 1617		Final Weight/Volume: 1 mL
Date Prepared:	04/20/2010 1628		Injection Volume: 1 uL

MSD Lab Sample ID:	680-56861-21	Analysis Batch: 680-167473	Instrument ID: MSG
Client Matrix:	Solid	Prep Batch: 680-166138	Lab File ID: g1029.d
Dilution:	50		Initial Weight/Volume: 30.09 g
Date Analyzed:	05/04/2010 1641		Final Weight/Volume: 1 mL
Date Prepared:	04/20/2010 1628		Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Hexachlorocyclopentadiene	0	0	10 - 130	NC	50	U F	U F
Hexachloroethane	75	53	23 - 130	36	50	J	J
Hexachlorophene	NC	NC	10 - 130	NC	50	U	U
Hexachloropropene	0	0	10 - 130	NC	50	U F	U F
Indeno[1,2,3-cd]pyrene	59	56	34 - 130	6	50	J	J
Isophorone	58	0	30 - 130	NC	50	J	U F
Isosafrole	62	0	10 - 130	NC	50	J	U F
Methapyrilene	NC	NC	10 - 130	NC	50	U	U
3-Methylcholanthrene	0	0	10 - 130	NC	50	U F	U F
Methyl methanesulfonate	0	0	10 - 130	NC	50	U F	U F
2-Methylnaphthalene	61	0	35 - 130	NC	50	J	U F
Methyl parathion	0	0	10 - 130	NC	50	U F	U F
2-Methylphenol	0	0	32 - 130	NC	50	U F	U F
3 & 4 Methylphenol	0	0	31 - 130	NC	50	U F	U F
Naphthalene	63	51	32 - 130	21	50	J	J
1,4-Naphthoquinone	0	0	10 - 130	NC	50	U F	U F
1-Naphthylamine	NC	0	10 - 130	NC	50	U	U F
2-Naphthylamine	0	0	10 - 130	NC	50	U F	U F
2-Nitroaniline	0	449	29 - 130	NC	50	U F	J F
3-Nitroaniline	0	0	30 - 130	NC	50	U F	U F
4-Nitroaniline	0	0	32 - 130	NC	50	U F	U F
Nitrobenzene	0	0	24 - 130	NC	50	U F	U F
2-Nitrophenol	0	0	31 - 130	NC	50	U F	U F
4-Nitrophenol	NC	NC	18 - 130	NC	50	U	U
4-Nitroquinoline-1-oxide	NC	NC	10 - 130	NC	50	U	U
N-Nitro-o-toluidine	0	0	10 - 130	NC	50	U F	U F
N-Nitrosodiethylamine	0	0	10 - 130	NC	50	U F	U F
N-Nitrosodimethylamine	NC	NC	11 - 130	NC	50	U	U
N-Nitrosodi-n-butylamine	0	45	10 - 130	NC	50	U F	J
N-Nitrosodi-n-propylamine	57	0	26 - 130	NC	50	J	U F

Client: Ashland Inc. Job Number: 680-56861-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166138

Method: 8270C
Preparation: 3546

MS Lab Sample ID:	680-56861-21	Analysis Batch: 680-167473	Instrument ID: MSG
Client Matrix:	Solid	Prep Batch: 680-166138	Lab File ID: g1028.d
Dilution:	50		Initial Weight/Volume: 30.03 g
Date Analyzed:	05/04/2010 1617		Final Weight/Volume: 1 mL
Date Prepared:	04/20/2010 1628		Injection Volume: 1 uL

MSD Lab Sample ID:	680-56861-21	Analysis Batch: 680-167473	Instrument ID: MSG
Client Matrix:	Solid	Prep Batch: 680-166138	Lab File ID: g1029.d
Dilution:	50		Initial Weight/Volume: 30.09 g
Date Analyzed:	05/04/2010 1641		Final Weight/Volume: 1 mL
Date Prepared:	04/20/2010 1628		Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
N-Nitrosodiphenylamine	54	51	43 - 130	7	50	J	J
N-Nitrosomethylethylamine	0	0	10 - 130	NC	50	U F	U F
N-Nitrosomorpholine	0	0	10 - 130	NC	50	U F	U F
N-Nitrosopiperidine	57	45	10 - 130	24	50	J	J
N-Nitrosopyrrolidine	0	0	10 - 130	NC	50	U F	U F
o,o',o''-Triethylphosphorothioate	12	-58	10 - 130	36	50	J	J F
p-Dimethylamino azobenzene	41	42	10 - 130	2	50	J	J
Pentachlorobenzene	67	54	10 - 130	21	50	J	J
Pentachloronitrobenzene	0	0	10 - 130	NC	50	U F	U F
Pentachlorophenol	NC	NC	26 - 130	NC	50	U	U
Phenacetin	0	0	10 - 130	NC	50	U F	U F
Phenanthrene	63	55	38 - 130	13	50	J	J
Phenol	0	0	31 - 130	NC	50	U F	U F
Phorate	55	0	10 - 130	NC	50	J	U F
2-Picoline	0	0	10 - 130	NC	50	U F	U F
p-Phenylene diamine	NC	NC	10 - 130	NC	50	U	U
Pronamide	57	49	10 - 130	16	50	J	J
Pyrene	61	55	40 - 130	11	50	J	J
Pyridine	0	0	10 - 130	NC	50	U F	U F
Safrole, Total	59	45	10 - 130	27	50	J	J
Sulfotepp	96	84	10 - 130	13	50	J	J
1,2,4,5-Tetrachlorobenzene	0	0	10 - 130	NC	50	U F	U F
2,3,4,6-Tetrachlorophenol	50	41	10 - 130	21	50	J	J
Thionazin	57	0	10 - 130	NC	50	J	U F
2-Toluidine	0	0	10 - 130	NC	50	U F	U F
1,2,4-Trichlorobenzene	58	48	30 - 130	20	50	J	J
2,4,5-Trichlorophenol	0	0	38 - 130	NC	50	U F	U F
2,4,6-Trichlorophenol	0	0	36 - 130	NC	50	U F	U F
1,3,5-Trinitrobenzene	NC	NC	10 - 130	NC	50	U	U
Diphenyl ether	-1020	-1120	10 - 130	6	50	4	4

Client: Ashland Inc. Job Number: 680-56861-1

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
2,4,6-Tribromophenol	0	D	0	D	34 - 130
2-Fluorobiphenyl	0	D	0	D	34 - 130
2-Fluorophenol	0	D	0	D	30 - 130
Terphenyl-d14	0	D	0	D	39 - 130
Phenol-d5	0	D	0	D	30 - 130
Nitrobenzene-d5	0	D	0	D	27 - 130

Method Blank - Batch: 680-166147

Method: 8270C
Preparation: 3546

Lab Sample ID: MB 680-166147/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/03/2010 1645
Date Prepared: 04/20/2010 2315

Analysis Batch: 680-167447
Prep Batch: 680-166147
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g1004.d
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	41	330
Acenaphthylene	330	U	36	330
Acetophenone	330	U	28	330
2-Acetylaminofluorene	330	U	28	330
alpha,alpha-Dimethyl phenethylamine	67000	U	2700	67000
4-Aminobiphenyl	330	U	37	330
Aniline	660	U	34	660
Anthracene	330	U	25	330
Aramite, Total	330	U	57	330
Benzo[a]anthracene	330	U	27	330
Benzo[a]pyrene	330	U	52	330
Benzo[b]fluoranthene	330	U	38	330
Benzo[g,h,i]perylene	330	U	22	330
Benzo[k]fluoranthene	330	U	65	330
Benzyl alcohol	330	U	33	330
1,1'-Biphenyl	330	U	28	330
Bis(2-chloroethoxy)methane	330	U	39	330
Bis(2-chloroethyl)ether	330	U	45	330
bis(chloroisopropyl) ether	330	U	30	330
Bis(2-ethylhexyl) phthalate	330	U	33	330
4-Bromophenyl phenyl ether	330	U	36	330
Butyl benzyl phthalate	330	U	26	330
4-Chloroaniline	660	U	52	660
4-Chloro-3-methylphenol	330	U	35	330
2-Chloronaphthalene	330	U	39	330
2-Chlorophenol	330	U	40	330
4-Chlorophenyl phenyl ether	330	U	37	330
Chrysene	330	U	21	330
Diallate	330	U	170	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	33	330
1,2-Dichlorobenzene	330	U	37	330
1,3-Dichlorobenzene	330	U	34	330
1,4-Dichlorobenzene	330	U	35	330
3,3'-Dichlorobenzidine	660	U	28	660
2,4-Dichlorophenol	330	U	35	330
2,6-Dichlorophenol	330	U	27	330
Diethyl phthalate	330	U	35	330
Dimethoate	330	U	25	330
7,12-Dimethylbenz(a)anthracene	330	U	17	330
3,3'-Dimethylbenzidine	1700	U	830	1700
2,4-Dimethylphenol	330	U	44	330
Dimethyl phthalate	330	U	34	330

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166147

Method: 8270C
Preparation: 3546

Lab Sample ID: MB 680-166147/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/03/2010 1645
Date Prepared: 04/20/2010 2315

Analysis Batch: 680-167447
Prep Batch: 680-166147
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g1004.d
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Di-n-butyl phthalate	330	U	30	330
1,3-Dinitrobenzene	330	U	24	330
4,6-Dinitro-2-methylphenol	1700	U	170	1700
2,4-Dinitrophenol	1700	U	830	1700
2,4-Dinitrotoluene	330	U	49	330
2,6-Dinitrotoluene	330	U	42	330
Di-n-octyl phthalate	330	U	29	330
Dinoseb	330	U	160	330
1,4-Dioxane	330	U	120	330
Disulfoton	330	U	17	330
Ethyl methanesulfonate	330	U	31	330
Ethyl Parathion	330	U	22	330
Famphur	330	U	29	330
Fluoranthene	330	U	32	330
Fluorene	330	U	36	330
Hexachlorobenzene	330	U	39	330
Hexachlorobutadiene	330	U	36	330
Hexachlorocyclopentadiene	330	U	41	330
Hexachloroethane	330	U	28	330
Hexachlorophene	170000	U	13000	170000
Hexachloropropene	330	U	29	330
Indeno[1,2,3-cd]pyrene	330	U	28	330
Isophorone	330	U	33	330
Isosafrole	330	U	24	330
Methapyrilene	67000	U	830	67000
3-Methylcholanthrene	330	U	41	330
Methyl methanesulfonate	330	U	17	330
2-Methylnaphthalene	330	U	38	330
Methyl parathion	330	U	26	330
2-Methylphenol	330	U	27	330
3 & 4 Methylphenol	330	U	43	330
Naphthalene	330	U	30	330
1,4-Naphthoquinone	330	U	17	330
1-Naphthylamine	330	U	66	330
2-Naphthylamine	330	U	34	330
2-Nitroaniline	1700	U	45	1700
3-Nitroaniline	1700	U	46	1700
4-Nitroaniline	1700	U	49	1700
Nitrobenzene	330	U	26	330
2-Nitrophenol	330	U	41	330
4-Nitrophenol	1700	U	330	1700
4-Nitroquinoline-1-oxide	3300	U	830	3300
N-Nitro-o-toluidine	330	U	26	330

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166147

Method: 8270C
Preparation: 3546

Lab Sample ID: MB 680-166147/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/03/2010 1645
Date Prepared: 04/20/2010 2315

Analysis Batch: 680-167447
Prep Batch: 680-166147
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g1004.d
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiethylamine	330	U	28	330
N-Nitrosodimethylamine	330	U	120	330
N-Nitrosodi-n-butylamine	330	U	24	330
N-Nitrosodi-n-propylamine	330	U	32	330
N-Nitrosodiphenylamine	330	U	33	330
N-Nitrosomethylethylamine	330	U	25	330
N-Nitrosomorpholine	330	U	27	330
N-Nitrosopiperidine	330	U	21	330
N-Nitrosopyrrolidine	330	U	18	330
o,o',o''-Triethylphosphorothioate	330	U	40	330
p-Dimethylamino azobenzene	330	U	19	330
Pentachlorobenzene	330	U	25	330
Pentachloronitrobenzene	330	U	21	330
Pentachlorophenol	1700	U	330	1700
Phenacetin	330	U	33	330
Phenanthrene	330	U	27	330
Phenol	330	U	34	330
Phorate	330	U	22	330
2-Picoline	330	U	17	330
p-Phenylene diamine	1700	U	830	1700
Pronamide	330	U	24	330
Pyrene	330	U	27	330
Pyridine	330	U	29	330
Safrole, Total	330	U	24	330
Sulfotepp	330	U	20	330
1,2,4,5-Tetrachlorobenzene	330	U	31	330
2,3,4,6-Tetrachlorophenol	330	U	22	330
Thionazin	330	U	23	330
2-Toluidine	330	U	35	330
1,2,4-Trichlorobenzene	330	U	31	330
2,4,5-Trichlorophenol	330	U	35	330
2,4,6-Trichlorophenol	330	U	29	330
1,3,5-Trinitrobenzene	330	U	170	330
Diphenyl ether	330	U	34	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	94	34 - 130
2-Fluorobiphenyl	81	34 - 130
2-Fluorophenol	76	30 - 130
Terphenyl-d14	99	39 - 130
Phenol-d5	81	30 - 130
Nitrobenzene-d5	78	27 - 130

Lab Control Sample - Batch: 680-166147

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-166147/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/03/2010 1709
Date Prepared: 04/20/2010 2315

Analysis Batch: 680-167447
Prep Batch: 680-166147
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g1005.d
Initial Weight/Volume: 30.08 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3320	2710	82	37 - 130	
Acenaphthylene	3320	2890	87	37 - 130	
Acetophenone	3320	2010	61	22 - 130	
2-Acetylaminofluorene	3320	3260	98	10 - 130	
alpha,alpha-Dimethyl phenethylamine	16600	16700	100	10 - 130	J E
4-Aminobiphenyl	3320	423	13	10 - 130	
Aniline	3320	1090	33	13 - 130	
Anthracene	3320	3260	98	39 - 130	
Aramite, Total	3320	2900	87	10 - 130	
Aramite, Total	3320	3670	111	10 - 130	
Aramite, Total	3320	3780	114	10 - 130	
Benzo[a]anthracene	3320	3100	93	40 - 130	
Benzo[a]pyrene	3320	3200	96	43 - 130	
Benzo[b]fluoranthene	3320	3270	98	35 - 130	
Benzo[g,h,i]perylene	3320	2830	85	37 - 130	
Benzo[k]fluoranthene	3320	3460	104	34 - 130	
Benzyl alcohol	3320	2650	80	25 - 130	
1,1'-Biphenyl	3320	2850	86	31 - 130	
Bis(2-chloroethoxy)methane	3320	3400	102	30 - 130	
Bis(2-chloroethyl)ether	3320	2440	73	16 - 130	
bis(chloroisopropyl) ether	3320	2660	80	15 - 130	
Bis(2-ethylhexyl) phthalate	3320	3620	109	38 - 130	
4-Bromophenyl phenyl ether	3320	3240	97	35 - 130	
Butyl benzyl phthalate	3320	3600	108	41 - 130	
4-Chloroaniline	3320	1220	37	23 - 130	
4-Chloro-3-methylphenol	3320	2860	86	36 - 130	
2-Chloronaphthalene	3320	2830	85	35 - 130	
2-Chlorophenol	3320	2600	78	32 - 130	
4-Chlorophenyl phenyl ether	3320	3060	92	40 - 130	
Chrysene	3320	3360	101	43 - 130	
Diallate	3320	3040	91	10 - 130	
Dibenz(a,h)anthracene	3320	2840	85	36 - 130	
Dibenzofuran	3320	2810	85	38 - 130	
1,2-Dichlorobenzene	3320	2410	72	27 - 130	
1,3-Dichlorobenzene	3320	2240	67	25 - 130	
1,4-Dichlorobenzene	3320	2350	71	26 - 130	
3,3'-Dichlorobenzidine	3320	3190	96	28 - 130	
2,4-Dichlorophenol	3320	2550	77	35 - 130	
2,6-Dichlorophenol	3320	2720	82	10 - 130	
Diethyl phthalate	3320	3220	97	42 - 130	
Dimethoate	3320	2140	64	10 - 130	
7,12-Dimethylbenz(a)anthracene	3320	3380	102	10 - 130	
3,3'-Dimethylbenzidine	3320	1700	13	10 - 130	U

Lab Control Sample - Batch: 680-166147

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-166147/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/03/2010 1709
Date Prepared: 04/20/2010 2315

Analysis Batch: 680-167447
Prep Batch: 680-166147
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g1005.d
Initial Weight/Volume: 30.08 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-Dimethylphenol	6650	5190	78	31 - 130	
Dimethyl phthalate	3320	3050	92	43 - 130	
Di-n-butyl phthalate	3320	3460	104	39 - 130	
1,3-Dinitrobenzene	3320	3250	98	10 - 130	
4,6-Dinitro-2-methylphenol	3320	3650	110	22 - 130	
2,4-Dinitrophenol	3320	3360	101	10 - 137	
2,4-Dinitrotoluene	3320	3160	95	36 - 130	
2,6-Dinitrotoluene	3320	3140	95	38 - 130	
Di-n-octyl phthalate	3320	3770	113	37 - 130	
Dinoseb	3320	3700	111	10 - 130	
1,4-Dioxane	3320	1020	31	10 - 130	
Disulfoton	3320	3440	103	10 - 130	
Ethyl methanesulfonate	3320	2130	64	10 - 130	
Ethyl Parathion	3320	3620	109	10 - 130	
Famphur	3320	135	4	10 - 130	J *
Fluoranthene	3320	3120	94	40 - 130	
Fluorene	3320	3030	91	38 - 130	
Hexachlorobenzene	3320	2950	89	40 - 130	
Hexachlorobutadiene	3320	2730	82	29 - 130	
Hexachlorocyclopentadiene	3320	1070	32	10 - 130	
Hexachloroethane	3320	2420	73	23 - 130	
Hexachlorophene	16600	170000	36	10 - 130	U
Hexachloropropene	3320	330	0	10 - 130	U *
Indeno[1,2,3-cd]pyrene	3320	2850	86	34 - 130	
Isophorone	3320	2380	72	30 - 130	
Isosafrole	3320	2820	85	10 - 130	
Methapyrilene	3320	3060	92	10 - 130	J
3-Methylcholanthrene	3320	2000	60	10 - 130	
Methyl methanesulfonate	3320	207	6	10 - 130	J *
2-Methylnaphthalene	3320	2650	80	35 - 130	
Methyl parathion	3320	3040	92	10 - 130	
2-Methylphenol	3320	2750	83	32 - 130	
3 & 4 Methylphenol	3320	3520	106	31 - 130	
Naphthalene	3320	3310	100	32 - 130	
1,4-Naphthoquinone	3320	330	0	10 - 130	U *
1-Naphthylamine	3320	330	1	10 - 130	U *
2-Naphthylamine	3320	764	23	10 - 130	
2-Nitroaniline	3320	2590	78	29 - 130	
3-Nitroaniline	3320	1930	58	30 - 130	
4-Nitroaniline	3320	2630	79	32 - 130	
Nitrobenzene	3320	2240	68	24 - 130	
2-Nitrophenol	3320	2610	79	31 - 130	
4-Nitrophenol	3320	3080	93	18 - 130	

Lab Control Sample - Batch: 680-166147

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-166147/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/03/2010 1709
Date Prepared: 04/20/2010 2315

Analysis Batch: 680-167447
Prep Batch: 680-166147
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g1005.d
Initial Weight/Volume: 30.08 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitroquinoline-1-oxide	3320	1900	57	10 - 130	J
N-Nitro-o-toluidine	3320	1820	55	10 - 130	
N-Nitrosodiethylamine	3320	2520	76	10 - 130	
N-Nitrosodimethylamine	3320	2290	69	11 - 130	
N-Nitrosodi-n-butylamine	3320	3890	117	10 - 130	
N-Nitrosodi-n-propylamine	3320	3120	94	26 - 130	
N-Nitrosodiphenylamine	3320	3400	102	43 - 130	
N-Nitrosomethylethylamine	3320	2300	69	10 - 130	
N-Nitrosomorpholine	3320	3160	95	10 - 130	
N-Nitrosopiperidine	3320	2620	79	10 - 130	
N-Nitrosopyrrolidine	3320	3060	92	10 - 130	
o,o',o''-Triethylphosphorothioate	3320	4760	143	10 - 130	*
p-Dimethylamino azobenzene	3320	3000	90	10 - 130	
Pentachlorobenzene	3320	2800	84	10 - 130	
Pentachloronitrobenzene	3320	3340	101	10 - 130	
Pentachlorophenol	3320	3720	112	26 - 130	
Phenacetin	3320	3150	95	10 - 130	
Phenanthrene	3320	3030	91	38 - 130	
Phenol	3320	2390	72	31 - 130	
Phorate	3320	4490	135	10 - 130	*
2-Picoline	3320	587	18	10 - 130	
p-Phenylene diamine	16600	1700	4	10 - 130	U *
Pronamide	3320	3220	97	10 - 130	
Pyrene	3320	3040	91	40 - 130	
Pyridine	3320	1460	44	10 - 130	
Safrole, Total	3320	2870	86	10 - 130	
Sulfotepp	3320	3090	93	10 - 130	
1,2,4,5-Tetrachlorobenzene	3320	2720	82	10 - 130	
2,3,4,6-Tetrachlorophenol	3320	2990	90	10 - 130	
Thionazin	3320	3220	97	10 - 130	
2-Toluidine	3320	606	18	10 - 130	
1,2,4-Trichlorobenzene	3320	2450	74	30 - 130	
2,4,5-Trichlorophenol	3320	2960	89	38 - 130	
2,4,6-Trichlorophenol	3320	2670	80	36 - 130	
1,3,5-Trinitrobenzene	3320	1960	59	10 - 130	
Diphenyl ether	3320	2760	83	10 - 130	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	101	34 - 130
2-Fluorobiphenyl	82	34 - 130
2-Fluorophenol	70	30 - 130
Terphenyl-d14	95	39 - 130
Phenol-d5	79	30 - 130

Client: Ashland Inc. Job Number: 680-56861-1

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	74	27 - 130

Method Blank - Batch: 680-166243

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-166243/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2010 1924
Date Prepared: 04/21/2010 1423

Analysis Batch: 680-166695
Prep Batch: 680-166243
Units: ug/L

Instrument ID: MSG
Lab File ID: g0748.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	10	U	0.76	10
Acenaphthylene	10	U	0.85	10
Acetophenone	10	U	0.57	10
2-Acetylaminofluorene	10	U	1.6	10
alpha,alpha-Dimethyl phenethylamine	2000	U	35	2000
4-Aminobiphenyl	10	U	1.2	10
Aniline	20	U	2.1	20
Anthracene	10	U	0.69	10
Aramite, Total	10	U	0.91	10
Benzo[a]anthracene	10	U	0.55	10
Benzo[a]pyrene	10	U	0.71	10
Benzo[b]fluoranthene	10	U	2.6	10
Benzo[g,h,i]perylene	10	U	0.87	10
Benzo[k]fluoranthene	10	U	1.2	10
Benzyl alcohol	10	U	1.1	10
1,1'-Biphenyl	10	U	0.58	10
Bis(2-chloroethoxy)methane	10	U	0.94	10
Bis(2-chloroethyl)ether	10	U	1.1	10
bis(chloroisopropyl) ether	10	U	0.78	10
Bis(2-ethylhexyl) phthalate	10	U	1.6	10
4-Bromophenyl phenyl ether	10	U	0.77	10
Butyl benzyl phthalate	10	U	1.2	10
4-Chloroaniline	20	U	2.2	20
4-Chloro-3-methylphenol	10	U	1.0	10
2-Chloronaphthalene	10	U	0.80	10
2-Chlorophenol	10	U	0.87	10
4-Chlorophenyl phenyl ether	10	U	0.84	10
Chrysene	10	U	0.51	10
Diallate	10	U	0.78	10
Dibenz(a,h)anthracene	10	U	1.0	10
Dibenzofuran	10	U	0.79	10
1,2-Dichlorobenzene	10	U	0.53	10
1,3-Dichlorobenzene	10	U	0.59	10
1,4-Dichlorobenzene	10	U	0.54	10
3,3'-Dichlorobenzidine	60	U	30	60
2,4-Dichlorophenol	10	U	1.1	10
2,6-Dichlorophenol	10	U	0.73	10
Diethyl phthalate	10	U	0.88	10
Dimethoate	10	U	0.75	10
7,12-Dimethylbenz(a)anthracene	10	U	1.2	10
3,3'-Dimethylbenzidine	20	U	10	20
2,4-Dimethylphenol	10	U	4.0	10
Dimethyl phthalate	10	U	0.99	10

Method Blank - Batch: 680-166243

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-166243/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2010 1924
Date Prepared: 04/21/2010 1423

Analysis Batch: 680-166695
Prep Batch: 680-166243
Units: ug/L

Instrument ID: MSG
Lab File ID: g0748.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Di-n-butyl phthalate	10	U	0.83	10
1,3-Dinitrobenzene	10	U	0.60	10
4,6-Dinitro-2-methylphenol	50	U	10	50
2,4-Dinitrophenol	50	U	10	50
2,4-Dinitrotoluene	10	U	1.2	10
2,6-Dinitrotoluene	10	U	1.1	10
Di-n-octyl phthalate	10	U	1.4	10
Dinoseb	10	U	5.0	10
1,4-Dioxane	10	U	3.4	10
Disulfoton	10	U	0.79	10
Ethyl methanesulfonate	10	U	0.96	10
Ethyl Parathion	10	U	1.3	10
Famphur	10	U	1.1	10
Fluoranthene	10	U	0.74	10
Fluorene	10	U	0.96	10
Hexachlorobenzene	10	U	0.79	10
Hexachlorobutadiene	10	U	0.62	10
Hexachlorocyclopentadiene	10	U	2.5	10
Hexachloroethane	10	U	0.76	10
Hexachlorophene	5000	U	27	5000
Hexachloropropene	10	U	1.4	10
Indeno[1,2,3-cd]pyrene	10	U	1.0	10
Isophorone	10	U	0.90	10
Isosafrole	10	U	0.50	10
Methapyrilene	2000	U	2.7	2000
3-Methylcholanthrene	10	U	1.4	10
Methyl methanesulfonate	10	U	0.60	10
2-Methylnaphthalene	10	U	0.78	10
Methyl parathion	10	U	0.88	10
2-Methylphenol	10	U	0.89	10
3 & 4 Methylphenol	10	U	1.3	10
Naphthalene	10	U	0.70	10
1,4-Naphthoquinone	10	U	0.62	10
1-Naphthylamine	10	U	1.1	10
2-Naphthylamine	10	U	1.5	10
2-Nitroaniline	50	U	1.3	50
3-Nitroaniline	50	U	5.0	50
4-Nitroaniline	50	U	5.0	50
Nitrobenzene	10	U	0.73	10
2-Nitrophenol	10	U	0.76	10
4-Nitrophenol	50	U	1.9	50
4-Nitroquinoline-1-oxide	20	U	10	20
N-Nitro-o-toluidine	10	U	1.5	10

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166243

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-166243/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2010 1924
Date Prepared: 04/21/2010 1423

Analysis Batch: 680-166695
Prep Batch: 680-166243
Units: ug/L

Instrument ID: MSG
Lab File ID: g0748.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiethylamine	10	U	0.93	10
N-Nitrosodimethylamine	10	U	2.8	10
N-Nitrosodi-n-butylamine	10	U	0.96	10
N-Nitrosodi-n-propylamine	10	U	0.72	10
N-Nitrosodiphenylamine	10	U	0.92	10
N-Nitrosomethylethylamine	10	U	3.3	10
N-Nitrosomorpholine	10	U	0.84	10
N-Nitrosopiperidine	10	U	0.88	10
N-Nitrosopyrrolidine	10	U	1.0	10
o,o',o''-Triethylphosphorothioate	10	U	1.0	10
p-Dimethylamino azobenzene	10	U	0.79	10
Pentachlorobenzene	10	U	0.52	10
Pentachloronitrobenzene	10	U	0.78	10
Pentachlorophenol	50	U	2.0	50
Phenacetin	10	U	1.4	10
Phenanthrene	10	U	0.77	10
Phenol	10	U	0.83	10
Phorate	10	U	0.87	10
2-Picoline	10	U	1.4	10
p-Phenylene diamine	2000	U	10	2000
Pronamide	10	U	0.89	10
Pyrene	10	U	0.63	10
Pyridine	50	U	2.3	50
Safrole, Total	10	U	0.80	10
Sulfotepp	10	U	0.53	10
1,2,4,5-Tetrachlorobenzene	10	U	0.76	10
2,3,4,6-Tetrachlorophenol	10	U	0.72	10
Thionazin	10	U	0.91	10
2-Toluidine	10	U	1.4	10
1,2,4-Trichlorobenzene	10	U	0.56	10
2,4,5-Trichlorophenol	10	U	1.2	10
2,4,6-Trichlorophenol	10	U	0.85	10
1,3,5-Trinitrobenzene	10	U	2.0	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	102	40 - 139
2-Fluorobiphenyl	88	50 - 113
2-Fluorophenol	75	36 - 110
Terphenyl-d14	103	10 - 121
Phenol-d5	82	38 - 116
Nitrobenzene-d5	90	45 - 112

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166243

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID:	LCS 680-166243/8-A	Analysis Batch:	680-166687	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0794.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/25/2010 2044			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 680-166243/9-A	Analysis Batch:	680-166695	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0752.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/24/2010 2059			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthene	98	89	45 - 117	9	40		
Acenaphthylene	100	91	51 - 112	9	40		
Acetophenone	83	78	25 - 110	6	40		
2-Acetylaminofluorene	103	105	69 - 123	2	40		
alpha,alpha-Dimethyl phenethylamine	197	221	10 - 158	11	40	J E *	J E *
4-Aminobiphenyl	32	24	10 - 130	28	40		
Aniline	76	78	10 - 114	2	40		
Anthracene	100	93	52 - 116	7	40		
Aramite, Total	102	114	10 - 150	3	40		
Aramite, Total	102	99	10 - 150	3	40		
Aramite, Total	102	99	10 - 150	3	40		
Aramite, Total	117	114	10 - 150	3	40		
Aramite, Total	117	99	10 - 150	3	40		
Aramite, Total	117	99	10 - 150	3	40		
Aramite, Total	96	114	10 - 150	3	40		
Aramite, Total	96	99	10 - 150	3	40		
Aramite, Total	96	99	10 - 150	3	40		
Benzo[a]anthracene	101	100	49 - 124	1	40		
Benzo[a]pyrene	102	100	48 - 120	2	40		
Benzo[b]fluoranthene	101	106	46 - 126	5	40		
Benzo[g,h,i]perylene	99	99	51 - 117	0	40		
Benzo[k]fluoranthene	106	101	47 - 126	5	40		
Benzyl alcohol	92	91	34 - 113	1	40		
1,1'-Biphenyl	101	94	47 - 112	8	40		
Bis(2-chloroethoxy)methane	130	124	50 - 112	5	40	*	*
Bis(2-chloroethyl)ether	96	94	43 - 110	2	40		
bis(chloroisopropyl) ether	97	96	42 - 110	1	40		
Bis(2-ethylhexyl) phthalate	118	122	47 - 134	3	40		
4-Bromophenyl phenyl ether	103	96	42 - 110	8	40		
Butyl benzyl phthalate	123	121	52 - 135	2	40		
4-Chloroaniline	91	90	10 - 110	1	40		
4-Chloro-3-methylphenol	98	92	46 - 118	6	40		
2-Chloronaphthalene	101	94	47 - 110	7	40		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166243

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID:	LCS 680-166243/8-A	Analysis Batch:	680-166687	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0794.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/25/2010 2044			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 680-166243/9-A	Analysis Batch:	680-166695	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0752.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/24/2010 2059			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2-Chlorophenol	86	84	47 - 110	2	40		
4-Chlorophenyl phenyl ether	105	97	46 - 114	8	40		
Chrysene	101	98	51 - 123	4	40		
Diallate	108	98	36 - 145	10	40		
Dibenz(a,h)anthracene	100	100	46 - 124	0	40		
Dibenzofuran	99	90	50 - 112	10	40		
1,2-Dichlorobenzene	75	74	39 - 110	1	40		
1,3-Dichlorobenzene	73	72	36 - 110	1	40		
1,4-Dichlorobenzene	71	72	38 - 110	1	40		
3,3'-Dichlorobenzidine	103	107	10 - 113	3	40		
2,4-Dichlorophenol	89	86	46 - 115	4	40		
2,6-Dichlorophenol	89	86	46 - 130	3	40		
Diethyl phthalate	112	103	51 - 119	8	40		
Dimethoate	100	88	28 - 142	12	40		
7,12-Dimethylbenz(a)anthracene	92	93	39 - 130	2	40		
3,3'-Dimethylbenzidine	18	22	10 - 130	17	40	J	
2,4-Dimethylphenol	93	89	36 - 110	5	40		
Dimethyl phthalate	108	99	50 - 116	9	40		
Di-n-butyl phthalate	113	108	49 - 123	5	40		
1,3-Dinitrobenzene	94	105	53 - 136	11	40		
4,6-Dinitro-2-methylphenol	100	119	29 - 167	17	40		
2,4-Dinitrophenol	112	135	10 - 189	18	40		
2,4-Dinitrotoluene	104	108	49 - 128	4	40		
2,6-Dinitrotoluene	103	100	45 - 131	3	40		
Di-n-octyl phthalate	122	122	44 - 134	0	40		
Dinoseb	88	109	50 - 144	21	40		
1,4-Dioxane	68	59	11 - 110	14	40		
Disulfoton	116	111	40 - 130	4	40		
Ethyl methanesulfonate	77	75	32 - 130	3	40		
Ethyl Parathion	102	106	60 - 140	4	40		
Famphur	18	7	10 - 130	90	40		J *
Fluoranthene	98	94	50 - 120	4	40		
Fluorene	101	95	50 - 115	6	40		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166243

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID:	LCS 680-166243/8-A	Analysis Batch:	680-166687	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0794.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/25/2010 2044			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 680-166243/9-A	Analysis Batch:	680-166695	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0752.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/24/2010 2059			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Hexachlorobenzene	99	92	48 - 119	7	40		
Hexachlorobutadiene	83	80	40 - 110	3	40		
Hexachlorocyclopentadiene	39	44	10 - 110	10	40		
Hexachloroethane	75	75	33 - 110	0	40		
Hexachlorophene	48	69	10 - 130	36	40	J	J
Hexachloropropene	0	0	10 - 130	NC	40	U *	U *
Indeno[1,2,3-cd]pyrene	99	98	40 - 126	1	40		
Isophorone	94	87	50 - 111	8	40		
Isosafrole	96	89	37 - 130	8	40		
Methapyrilene	142	101	10 - 130	34	40	J *	J
3-Methylcholanthrene	64	64	62 - 130	1	40		
Methyl methanesulfonate	7	7	10 - 130	1	40	J *	J *
2-Methylnaphthalene	89	85	46 - 110	4	40		
Methyl parathion	104	106	51 - 146	3	40		
2-Methylphenol	91	92	46 - 110	1	40		
3 & 4 Methylphenol	94	93	43 - 110	2	40		
Naphthalene	86	83	41 - 110	3	40		
1,4-Naphthoquinone	11	9	10 - 130	22	40		J *
1-Naphthylamine	2	2	10 - 130	5	40	J *	J *
2-Naphthylamine	32	30	10 - 130	6	40		
2-Nitroaniline	103	100	45 - 122	3	40		
3-Nitroaniline	97	92	30 - 116	6	40		
4-Nitroaniline	103	98	36 - 125	5	40		
Nitrobenzene	89	88	46 - 110	1	40		
2-Nitrophenol	88	92	42 - 120	4	40		
4-Nitrophenol	111	102	30 - 122	8	40		
4-Nitroquinoline-1-oxide	61	78	10 - 151	24	40		
N-Nitro-o-toluidine	88	87	45 - 130	1	40		
N-Nitrosodiethylamine	91	93	48 - 130	2	40		
N-Nitrosodimethylamine	105	100	33 - 110	5	40		
N-Nitrosodi-n-butylamine	140	138	41 - 130	1	40	*	*
N-Nitrosodi-n-propylamine	110	110	45 - 112	1	40		
N-Nitrosodiphenylamine	111	105	47 - 119	6	40		

Client: Ashland Inc. Job Number: 680-56861-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-166243

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID:	LCS 680-166243/8-A	Analysis Batch:	680-166687	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0794.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/25/2010 2044			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 680-166243/9-A	Analysis Batch:	680-166695	Instrument ID:	MSG
Client Matrix:	Water	Prep Batch:	680-166243	Lab File ID:	g0752.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	04/24/2010 2059			Final Weight/Volume:	1 mL
Date Prepared:	04/21/2010 1423			Injection Volume:	1 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
N-Nitrosomethylethylamine	90	90	47 - 130	0	40		
N-Nitrosomorpholine	107	108	35 - 130	1	40		
N-Nitrosopiperidine	97	91	53 - 130	6	40		
N-Nitrosopyrrolidine	102	106	50 - 130	4	40		
o,o',o''-Triethylphosphorothioate	183	177	23 - 162	3	40	*	*
p-Dimethylamino azobenzene	92	108	29 - 169	16	40		
Pentachlorobenzene	94	87	52 - 130	8	40		
Pentachloronitrobenzene	99	97	52 - 130	3	40		
Pentachlorophenol	111	111	37 - 132	1	40		
Phenacetin	104	103	62 - 130	2	40		
Phenanthrene	101	97	52 - 117	4	40		
Phenol	85	82	39 - 110	3	40		
Phorate	111	105	29 - 181	5	40		
2-Picoline	82	77	10 - 130	6	40		
p-Phenylene diamine	34	34	10 - 130	0	40	J	J
Pronamide	103	97	64 - 134	5	40		
Pyrene	102	100	52 - 125	2	40		
Pyridine	75	69	10 - 110	9	40		
Safrole, Total	93	89	39 - 130	4	40		
Sulfotepp	105	97	44 - 130	8	40		
1,2,4,5-Tetrachlorobenzene	88	81	41 - 130	9	40		
2,3,4,6-Tetrachlorophenol	93	89	38 - 130	4	40		
Thionazin	112	102	48 - 135	10	40		
2-Toluidine	55	53	27 - 130	3	40		
1,2,4-Trichlorobenzene	81	80	41 - 110	0	40		
2,4,5-Trichlorophenol	94	89	47 - 122	5	40		
2,4,6-Trichlorophenol	96	90	46 - 120	6	40		
1,3,5-Trinitrobenzene	65	96	10 - 200	39	40		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	110	103	40 - 139
2-Fluorobiphenyl	95	87	50 - 113
2-Fluorophenol	80	79	36 - 110

Client: Ashland Inc. Job Number: 680-56861-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Terphenyl-d14	103	100	10 - 121
Phenol-d5	87	85	38 - 116
Nitrobenzene-d5	92	91	45 - 112

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166297

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 680-166297/18-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/21/2010 1906
Date Prepared: 04/21/2010 1215

Analysis Batch: 680-166320
Prep Batch: 680-166297
Units: ug/L

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	20	U	4.6	20
Barium	10	U	2.3	10
Cadmium	5.0	U	2.0	5.0
Chromium	10	U	1.2	10
Lead	10	U	4.0	10
Selenium	20	U	6.4	20
Silver	10	U	0.89	10

Lab Control Sample - Batch: 680-166297

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 680-166297/19-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/21/2010 1911
Date Prepared: 04/21/2010 1215

Analysis Batch: 680-166320
Prep Batch: 680-166297
Units: ug/L

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1970	98	75 - 125	
Barium	2000	2090	104	75 - 125	
Cadmium	50.0	51.7	103	75 - 125	
Chromium	200	204	102	75 - 125	
Lead	500	506	101	75 - 125	
Selenium	2000	2050	102	75 - 125	
Silver	50.0	50.1	100	75 - 125	

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166337

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 680-166337/23-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2010 1427
Date Prepared: 04/21/2010 1618

Analysis Batch: 680-166538
Prep Batch: 680-166337
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	2.0	U	0.59	2.0
Barium	1.0	U	0.30	1.0
Cadmium	0.50	U	0.10	0.50
Chromium	1.0	U	0.50	1.0
Lead	1.0	U	0.53	1.0
Selenium	2.5	U	1.0	2.5
Silver	1.0	U	0.096	1.0

Lab Control Sample - Batch: 680-166337

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 680-166337/24-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2010 1431
Date Prepared: 04/21/2010 1618

Analysis Batch: 680-166538
Prep Batch: 680-166337
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	192	96	75 - 125	
Barium	200	206	103	75 - 125	
Cadmium	5.00	5.08	102	75 - 125	
Chromium	20.0	20.4	102	75 - 125	
Lead	50.0	50.2	100	75 - 125	
Selenium	200	197	99	75 - 125	
Silver	5.00	4.93	99	75 - 125	

Method Blank - Batch: 680-166528

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 680-166528/23-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/26/2010 2021
Date Prepared: 04/23/2010 1017

Analysis Batch: 680-166869
Prep Batch: 680-166528
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	2.0	U	0.59	2.0
Barium	1.0	U	0.30	1.0
Cadmium	0.50	U	0.10	0.50
Chromium	1.0	U	0.50	1.0
Lead	1.0	U	0.53	1.0
Selenium	2.5	U	1.0	2.5
Silver	0.133	J	0.096	1.0

Lab Control Sample - Batch: 680-166528

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 680-166528/24-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/26/2010 2026
Date Prepared: 04/23/2010 1017

Analysis Batch: 680-166869
Prep Batch: 680-166528
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	184	92	75 - 125	
Barium	200	195	98	75 - 125	
Cadmium	5.00	4.75	95	75 - 125	
Chromium	20.0	19.4	97	75 - 125	
Lead	50.0	47.8	96	75 - 125	
Selenium	200	185	92	75 - 125	
Silver	5.00	4.84	97	75 - 125	

Client: Ashland Inc. Job Number: 680-56861-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166528

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	680-56861-14	Analysis Batch:	680-166869	Instrument ID:	ICPD
Client Matrix:	Solid	Prep Batch:	680-166528	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Date Analyzed:	04/26/2010 2247			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

MSD Lab Sample ID:	680-56861-14	Analysis Batch:	680-166869	Instrument ID:	ICPD
Client Matrix:	Solid	Prep Batch:	680-166528	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Date Analyzed:	04/26/2010 2252			Final Weight/Volume:	100 mL
Date Prepared:	04/23/2010 1017				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	95	94	75 - 125	1	20		
Barium	102	102	75 - 125	1	20		
Cadmium	97	96	75 - 125	0	20		
Chromium	103	102	75 - 125	1	20		
Lead	98	98	75 - 125	0	20		
Selenium	93	92	75 - 125	0	20		
Silver	100	98	75 - 125	1	20		

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166825

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 680-166825/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2010 2226
Date Prepared: 04/27/2010 0909

Analysis Batch: 680-167105
Prep Batch: 680-166825
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	2.0	U	0.59	2.0
Barium	1.0	U	0.30	1.0
Cadmium	0.50	U	0.10	0.50
Chromium	1.0	U	0.50	1.0
Lead	1.0	U	0.53	1.0
Selenium	2.5	U	1.0	2.5
Silver	1.0	U	0.096	1.0

Lab Control Sample - Batch: 680-166825

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 680-166825/23-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2010 2221
Date Prepared: 04/27/2010 0909

Analysis Batch: 680-167105
Prep Batch: 680-166825
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	197	99	75 - 125	
Barium	200	211	106	75 - 125	
Cadmium	5.00	5.07	101	75 - 125	
Chromium	20.0	20.7	103	75 - 125	
Lead	50.0	49.8	100	75 - 125	
Selenium	200	200	100	75 - 125	
Silver	5.00	5.03	101	75 - 125	

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166268

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-166266/6-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/22/2010 1115
Date Prepared: 04/21/2010 1021

Analysis Batch: 680-166435
Prep Batch: 680-166268
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.091	0.20

Lab Control Sample - Batch: 680-166268

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-166266/7-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/22/2010 1119
Date Prepared: 04/21/2010 1021

Analysis Batch: 680-166435
Prep Batch: 680-166268
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.33	93	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166268

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 680-56861-28
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/22/2010 1233
Date Prepared: 04/21/2010 1021

Analysis Batch: 680-166435
Prep Batch: 680-166268

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 680-56861-28
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/22/2010 1236
Date Prepared: 04/21/2010 1021

Analysis Batch: 680-166435
Prep Batch: 680-166268

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	89	89	80 - 120	0	20		

Client: Ashland Inc. Job Number: 680-56861-1

Method Blank - Batch: 680-166534

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 680-166534/23-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/27/2010 1322
Date Prepared: 04/23/2010 1046

Analysis Batch: 680-166898
Prep Batch: 680-166534
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.50 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.020	U	0.0082	0.020

Lab Control Sample - Batch: 680-166534

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 680-166534/24-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/27/2010 1325
Date Prepared: 04/23/2010 1046

Analysis Batch: 680-166898
Prep Batch: 680-166534
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.50 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.250	0.236	94	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166534

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 680-56861-14
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/27/2010 1447
Date Prepared: 04/23/2010 1046

Analysis Batch: 680-166898
Prep Batch: 680-166534

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.53 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 680-56861-14
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/27/2010 1450
Date Prepared: 04/23/2010 1046

Analysis Batch: 680-166898
Prep Batch: 680-166534

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.54 g
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	88	83	80 - 120	8	20		

Method Blank - Batch: 680-166757

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 680-166757/19-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2010 1844
Date Prepared: 04/26/2010 1535

Analysis Batch: 680-167080
Prep Batch: 680-166757
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.51 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.020	U	0.0080	0.020

Lab Control Sample - Batch: 680-166757

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 680-166757/20-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2010 1847
Date Prepared: 04/26/2010 1535

Analysis Batch: 680-167080
Prep Batch: 680-166757
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.51 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.245	0.254	103	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-166757

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 680-56861-23
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2010 1931
Date Prepared: 04/26/2010 1523

Analysis Batch: 680-167080
Prep Batch: 680-166757

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.56 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 680-56861-23
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2010 1933
Date Prepared: 04/26/2010 1523

Analysis Batch: 680-167080
Prep Batch: 680-166757

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.56 g
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	101	94	80 - 120	2	20		

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ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 2

Lab Work Order #

Send Results to:

Contact & Company Name: Arcadis / Craig
Telephone: 225 2921004
Address:
Fax:
City: Baton Rouge State: LA Zip:
E-mail Address:
Project Name/Location (City, State): Hercules / Hattiesburg, MS
Project #: OH003000.MS24
Sampler's Printed Name: Seth Henderson
Sampler's Signature: Seth Henderson

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other: _____
G. Other: _____
H. Other: _____

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: _____
10. Other: _____

Matrix Key:
SO - Soil
W - Water
T - Tissue
SE - Sediment
SL - Sludge
A - Air
NL - NAPL/Oil
SW - Sample Wipe
Other: _____

Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	Preservative	Filtered (✓)	# of Containers	Container Information	VOC	SVOC	RCRA metals	TCLP VOC	TCLP SVOC	TCLP Pest/Herb	TCLP Metals	RCI	REMARKS
IBS-1-LS	4/14/10	0950			Soil					X	X	X	X	X	X	X	X	
IBS-3-NS		1245								X	X	X						
IBS-3-LS		1255								X	X	X	X	X	X	X	X	
IBS-4-NS		1715								X	X	X						
IBS-4-LS		1735								X	X	X	X	X	X	X	X	
IBS-3-US	4/15/10	0845								X	X	X	X	X	X	X	X	
IBS-5-NS		0950								X	X	X						
IBS-5-LS		1005								X	X	X	X	X	X	X	X	
IBS-4-US		1100								X	X	X	X	X	X	X	X	
IBS-6-NS		1105								X	X	X						
IBS-6-LS		1140								X	X	X	X	X	X	X	X	
IBS-5-US		1145								X	X	X	X	X	X	X	X	
IBS-6-US		1415								X	X	X	X	X	X	X	X	
IBS-7-NS		1505								X	X	X						

☐ Special QA/QC Instructions(✓):

Special Instructions/Comments:

1680-51681

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name:	Cooler Custody Seal (✓)	Printed Name: Seth Henderson	Printed Name: Dana Brooks	Printed Name: Dana Brooks	Printed Name: BethA Daughtry
☐ Cooler packed with ice (✓)	☐ Intact ☐ Not Intact	Signature: Seth Henderson	Signature: Dana Brooks	Signature: Dana Brooks	Signature: BethA Daughtry
Specify Turnaround Requirements	Sample Receipt: 0.8/1.4/0.9/0.6	Firm: Arcadis	Firm/Courier: TA	Firm/Courier: TA	Firm: TA STL
Shipping Tracking #:	Condition/Cooler Temp: 19/20	Date/Time: 4/16/10 1550	Date/Time: 4/16/10 1550	Date/Time: 4/16/10 556	Date/Time: 4/17/10 @ 1045

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by ARCADIS

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ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 2 of 2

Lab Work Order #

Send Results to:

Contact & Company Name: Arcadis
Telephone:
Address:
Fax:
City: Baton Rouge, State: LA, Zip:
E-mail Address:
Project Name/Location (City, State): Hercules, Hattiesburg, MS
Project #: 04003000.11524
Sampler's Printed Name: Seth Henderson
Sampler's Signature:

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other: _____
G. Other: _____
H. Other: _____

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: _____
10. Other: _____

Matrix Key:
SO - Soil | SE - Sediment | NL - NAPL/Oil
W - Water | SL - Sludge | SW - Sample Wipe
T - Tissue | A - Air | Other: _____

Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	Preservative	Filtered (✓)	# of Containers	Container Information	VOC	SVOC	RCRA Metals	TCLP VOC	TCLP SVOC	TCLP Pest/Herb	TCLP metals	RCI	REMARKS
IBS-7-LS	4/15/10	1520			Soil					X	X	X	X	X	X	X	X	
IBS-7-US		1525								X	X	X	X	X	X	X	X	
IBS-8-NS		1600								X	X	X						
IBS-8-LS		1615								X	X	X	X	X	X	X	X	
IBS-8-US		1620								X	X	X	X	X	X	X	X	
IBS-1-US		1700								X	X	X	X	X	X	X	X	
IBS-2-NS	4/16/10	0840								X	X	X						
IBS-2-LS		0850								X	X	X	X	X	X	X	X	
IBS-2-US		0930								X	X	X	X	X	X	X	X	
FB-1	4/15	1735			W					X								
FB-2	4/16	0945								X								
TB-1	—	—								X								
TB-2	—	—								X								
RB-1	4/16	1000								X	X	X						

PARAMETER ANALYSIS & METHOD

☐ Special QA/QC Instructions(✓):

Special Instructions/Comments:

680-51681

Laboratory Information and Receipt

Lab Name: TA-Savannah, GA
☐ Cooler packed with ice (✓)
Specify Turnaround Requirements:
Shipping Tracking #:
Cooler Custody Seal (✓): ☐ Intact ☐ Not Intact
Sample Receipt: 0.8/1.4/0.9/0.6/
Condition/Cooler Temp: 1.9/2.0

Relinquished By	Received By	Relinquished By	Laboratory Received By
Printed Name: Seth Henderson	Printed Name: Diana Brooks	Printed Name: Diana Brooks	Printed Name: Beth A Daughtry
Signature: Seth Henderson	Signature: Diana Brooks	Signature: Diana Brooks	Signature: Beth A Daughtry
Firm: Arcadis	Firm/Courier: TA	Firm/Courier: TA	Firm: TA-SAV
Date/Time: 4/16/10 1550	Date/Time: 4/16/10 1556	Date/Time: 4/16/10 1558	Date/Time: 4.17.10 0945

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by ARCADIS

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Login Sample Receipt Check List

Client: Ashland Inc.

Job Number: 680-56861-1

Login Number: 56861

List Source: TestAmerica Savannah

Creator: Daughtry, Beth

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	6 coolers rec'd 4/17/10; 7th cooler rec'd on 4/19
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4/17 Rcpt - 0.8, 1.4, 0.9, 0.6, 1.9, 2.0 C; 4/19 recpt @ 0.2 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	False	Client labeled outside baggie on soil containers had to place on containers
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	