

ANALYTICAL REPORT

Job Number: 680-29952-1

SDG Number: FLX005

Job Description: Flexys Termoli IT Soils 9/5-6/07

For:

Solutia Inc.

575 Maryville Centre Dr.

Saint Louis, MO 63141

Attention: Mr. Bruce Yare



Lidya Gulizia

Project Manager I

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10/25/2007

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Job Narrative
680-J29952-1 / SDG No. FLX005 (Termoli Italy)

Receipt

All samples were collected in Termoli, Italy and shipped via international courier to TestAmerica Inc. in Savannah, Georgia. Due to international shipping restrictions, samples were sent without wet ice.

All samples were received intact and in good condition. Samples for select parameters were subsampled and preserved in accordance with the method requirements following receipt at the laboratory. All volatile samples were received preserved in hydrochloric acid (aqueous) and/or methanol (medium level soil analysis).

GC/MS VOA

Library searches for the top 15 tentatively identified compounds (TIC) were performed following each volatiles analysis.

No analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: TE-021-SS (680-29952-11), TE-026-SO 10-11 (680-29952-4). Re-extraction was performed outside of holding time with acceptable results.

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: TE-021-SS (680-29952-11), TE-023-SO 10-11 D (680-29952-15), TE-026-SO 10-11 (680-29952-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 87160 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

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 five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 85708 had two analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The following sample was diluted due to the abundance of target analytes: TE-026-SS (680-29952-3) and TE-025-SS (680-29952-9). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The matrix spike 29952-1 MS for preparation batch 85708 had surrogate recoveries outside of established limits. The data was flagged and reported.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 85708 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

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 five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 87160 had two analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Library searches for the top 15 tentatively identified compounds (TIC) were performed following each semivolatiles analysis.

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

Tellurium was analyzed semi-quantitatively using internal calibration coefficients set in the instrument to the natural isotopic abundance for this analyte. All positive results have been flagged as estimated (flag J) due to the semi-quantitative nature of the analysis. Results are summarized on a spreadsheet provided within the body of the report.

No analytical or quality issues were noted in the analysis of metals and/or the Tellurium analysis.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

Method(s) 5035: The Encore vials submitted for the following sample(s) contained significantly greater than 5 grams: TE-019-SO 11-12 (680-29952-2), TE-019-SS (680-29952-1), TE-021-SO 8-9 (680-29952-12), TE-021-SS (680-29952-11), TE-022-SO 11-12 (680-29952-17), TE-022-SS (680-29952-16), TE-023-SO 10-11 (680-29952-14), TE-023-SO 10-11 D (680-29952-15), TE-023-SS (680-29952-13), TE-024-SO 7-8 (680-29952-8), TE-024-SS (680-29952-7), TE-025-SO 11-12 (680-29952-10), TE-025-SS (680-29952-9), TE-026-SO 10-11 (680-29952-4), TE-026-SS (680-29952-3), TE-031-SO 10-11 (680-29952-6), TE-031-SS (680-29952-5).

No other analytical or quality issues were noted.

Comments

No additional comments.

METHOD SUMMARY

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL SAV	SW846 8260B	
Closed System Purge & Trap/Field Preservation	TAL SAV		SW846 5035
Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)	TAL SAV	SW846 8015B	
Deionized Water Leaching Procedure (Routine)	TAL SAV		ASTM DI Leach
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Ultrasonic Extraction	TAL SAV		SW846 3550B
Determination of Dithiocarbamates in Pesticides	TAL SAV	EPA 630.1	
Preparation of Dithiocarbamates in Pesticides	TAL SAV		EPA 630.1
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SAV	SW846 8015B	
Ultrasonic Extraction	TAL SAV		SW846 3550B
Inductively Coupled Plasma - Mass Spectrometry	TAL SAV	SW846 6020	
Acid Digestion of Sediments, Sludges, and Soils	TAL SAV		SW846 3050B
Total Sulfur (Bomb Calorimeter followed by Turbidimetric Sulfate)	TAL SAV	SW846 9038	
Bomb Preparation Method for Solid Waste	TAL SAV		SW846 5050

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method	Analyst	Analyst ID
SW846 8260B	LeSeane, Latika Rene	LL
SW846 8270C	Johnson, Brad	BJ
SW846 8015B	Young, Myron	MY
EPA 630.1	Waldorf, Jonathan	JW
SW846 8015B	Kellar, Joshua	JK
SW846 6020	Boyuk, Brian	BB
SW846 6020	Eaton, Cliff	CE
SW846 9038	Nelson, Christopher	CN

SAMPLE SUMMARY

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-29952-1	TE-019-SS	Solid	09/05/2007 1350	09/11/2007 1050
680-29952-2	TE-019-SO 11-12	Solid	09/05/2007 1435	09/11/2007 1050
680-29952-3	TE-026-SS	Solid	09/05/2007 1530	09/11/2007 1050
680-29952-4	TE-026-SO 10-11	Solid	09/05/2007 1600	09/11/2007 1050
680-29952-5	TE-031-SS	Solid	09/05/2007 1715	09/11/2007 1050
680-29952-6	TE-031-SO 10-11	Solid	09/05/2007 1810	09/11/2007 1050
680-29952-7	TE-024-SS	Solid	09/06/2007 0850	09/11/2007 1050
680-29952-8	TE-024-SO 7-8	Solid	09/06/2007 0935	09/11/2007 1050
680-29952-9	TE-025-SS	Solid	09/06/2007 1040	09/11/2007 1050
680-29952-10	TE-025-SO 11-12	Solid	09/06/2007 1145	09/11/2007 1050
680-29952-11	TE-021-SS	Solid	09/06/2007 1215	09/11/2007 1050
680-29952-12	TE-021-SO 8-9	Solid	09/06/2007 1240	09/11/2007 1050
680-29952-13	TE-023-SS	Solid	09/06/2007 1520	09/11/2007 1050
680-29952-14	TE-023-SO 10-11	Solid	09/06/2007 1600	09/11/2007 1050
680-29952-15FD	TE-023-SO 10-11 D	Solid	09/06/2007 1600	09/11/2007 1050
680-29952-16	TE-022-SS	Solid	09/06/2007 1635	09/11/2007 1050
680-29952-17	TE-022-SO 11-12	Solid	09/06/2007 1710	09/11/2007 1050

SAMPLE RESULTS

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SS
Lab Sample ID: 680-29952-1

Date Sampled: 09/05/2007 1350
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 1822		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	46		ug/Kg	3.0	34	1.0
Benzene	3.4	U	ug/Kg	0.53	3.4	1.0
Bromodichloromethane	3.4	U	ug/Kg	0.56	3.4	1.0
Bromoform	3.4	U	ug/Kg	0.74	3.4	1.0
Bromomethane	3.4	U	ug/Kg	1.1	3.4	1.0
Carbon disulfide	0.40	J	ug/Kg	0.34	3.4	1.0
Carbon tetrachloride	3.4	U	ug/Kg	0.68	3.4	1.0
Chlorobenzene	3.4	U	ug/Kg	0.49	3.4	1.0
Chloroethane	3.4	U	ug/Kg	0.81	3.4	1.0
Chloroform	3.4	U	ug/Kg	0.34	3.4	1.0
Chloromethane	3.4	U	ug/Kg	0.48	3.4	1.0
cis-1,2-Dichloroethene	3.4	U	ug/Kg	0.43	3.4	1.0
cis-1,3-Dichloropropene	3.4	U	ug/Kg	0.59	3.4	1.0
Cyclohexane	6.8	U	ug/Kg	0.41	6.8	1.0
Dibromochloromethane	3.4	U	ug/Kg	0.34	3.4	1.0
1,2-Dibromo-3-Chloropropane	6.8	U	ug/Kg	1.9	6.8	1.0
1,2-Dibromoethane	3.4	U	ug/Kg	1.0	3.4	1.0
1,2-Dichlorobenzene	3.4	U	ug/Kg	0.44	3.4	1.0
1,3-Dichlorobenzene	3.4	U	ug/Kg	0.56	3.4	1.0
1,4-Dichlorobenzene	3.4	U	ug/Kg	0.34	3.4	1.0
Dichlorodifluoromethane	3.4	U	ug/Kg	0.60	3.4	1.0
1,1-Dichloroethane	3.4	U	ug/Kg	0.34	3.4	1.0
1,2-Dichloroethane	3.4	U	ug/Kg	0.68	3.4	1.0
1,1-Dichloroethene	3.4	U	ug/Kg	0.36	3.4	1.0
1,2-Dichloropropane	3.4	U	ug/Kg	0.74	3.4	1.0
Ethylbenzene	3.4	U	ug/Kg	0.51	3.4	1.0
2-Hexanone	17	U	ug/Kg	1.4	17	1.0
Isopropylbenzene	3.4	U	ug/Kg	0.34	3.4	1.0
Methyl acetate	6.8	U	ug/Kg	1.5	6.8	1.0
Methylcyclohexane	6.8	U	ug/Kg	0.49	6.8	1.0
Methylene Chloride	3.4	U	ug/Kg	0.68	3.4	1.0
Methyl ethyl ketone (MEK)	4.3	J	ug/Kg	1.8	17	1.0
Methyl isobutyl ketone (MIBK)	17	U	ug/Kg	2.0	17	1.0
Methyl tert-butyl ether	34	U	ug/Kg	1.5	34	1.0
Styrene	3.4	U	ug/Kg	0.45	3.4	1.0
1,1,2,2-Tetrachloroethane	3.4	U	ug/Kg	0.95	3.4	1.0
Tetrachloroethene	1.3	J	ug/Kg	0.49	3.4	1.0
Toluene	3.4		ug/Kg	0.53	3.4	1.0
trans-1,2-Dichloroethene	3.4	U	ug/Kg	0.65	3.4	1.0

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Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SS
Lab Sample ID: 680-29952-1

Date Sampled: 09/05/2007 1350
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	3.4	U	ug/Kg	0.59	3.4	1.0
1,2,4-Trichlorobenzene	3.4	U	ug/Kg	0.68	3.4	1.0
1,1,1-Trichloroethane	3.4	U	ug/Kg	0.39	3.4	1.0
1,1,2-Trichloroethane	3.4	U	ug/Kg	0.81	3.4	1.0
Trichloroethene	1.3	J	ug/Kg	0.68	3.4	1.0
Trichlorofluoromethane	3.4	U	ug/Kg	1.0	3.4	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	3.4	U	ug/Kg	0.45	3.4	1.0
1,2,4-Trimethylbenzene	3.4	U	ug/Kg	0.36	3.4	1.0
1,3,5-Trimethylbenzene	3.4	U	ug/Kg	0.59	3.4	1.0
Vinyl chloride	3.4	U	ug/Kg	0.39	3.4	1.0
Xylenes, Total	6.8	U	ug/Kg	1.6	6.8	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	100		%		65 - 124	
Dibromofluoromethane	105		%		65 - 124	
Toluene-d8 (Surr)	100		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	540	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	4.6	J	ug/Kg		1.57	1.0
Unknown	8.5	J	ug/Kg		2.35	1.0
Unknown	5.5	J	ug/Kg		2.50	1.0
Unknown	9.8	J	ug/Kg		2.64	1.0
Unknown	3.6	J	ug/Kg		3.01	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1201

Date Prepared: 09/19/2007 1515

Acenaphthene	360	U	ug/Kg	19	360	1.0
Acenaphthylene	360	U	ug/Kg	19	360	1.0
Acetophenone	360	U *	ug/Kg	19	360	1.0
Aniline	730	U	ug/Kg	19	730	1.0
Anthracene	360	U	ug/Kg	19	360	1.0
Atrazine	360	U	ug/Kg	19	360	1.0
Benzaldehyde	360	U	ug/Kg	47	360	1.0
Benzidine	3000	U	ug/Kg	910	3000	1.0
Benzo[a]anthracene	360	U	ug/Kg	36	360	1.0
Benzo[a]pyrene	360	U	ug/Kg	19	360	1.0
Benzo[b]fluoranthene	360	U	ug/Kg	19	360	1.0
Benzo[g,h,i]perylene	360	U	ug/Kg	26	360	1.0
Benzo[k]fluoranthene	360	U	ug/Kg	19	360	1.0
1,1'-Biphenyl	360	U	ug/Kg	19	360	1.0
Bis(2-chloroethoxy)methane	360	U	ug/Kg	19	360	1.0

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Sdg Number: FLX005

Client Sample ID: TE-019-SS
Lab Sample ID: 680-29952-1

Date Sampled: 09/05/2007 1350
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-chloroethyl)ether	360	U	ug/Kg	19	360	1.0
Bis(2-ethylhexyl) phthalate	230	J	ug/Kg	35	360	1.0
4-Bromophenyl phenyl ether	360	U	ug/Kg	19	360	1.0
Butyl benzyl phthalate	360	U	ug/Kg	19	360	1.0
Caprolactam	360	U	ug/Kg	19	360	1.0
Carbazole	360	U	ug/Kg	19	360	1.0
4-Chloroaniline	730	U	ug/Kg	19	730	1.0
4-Chloro-3-methylphenol	360	U	ug/Kg	74	360	1.0
2-Chloronaphthalene	360	U	ug/Kg	19	360	1.0
2-Chlorophenol	360	U	ug/Kg	19	360	1.0
4-Chlorophenyl phenyl ether	360	U	ug/Kg	25	360	1.0
Chrysene	360	U	ug/Kg	19	360	1.0
Dibenz(a,h)anthracene	360	U	ug/Kg	26	360	1.0
Dibenzofuran	360	U	ug/Kg	19	360	1.0
3,3'-Dichlorobenzidine	730	U	ug/Kg	19	730	1.0
2,4-Dichlorophenol	360	U	ug/Kg	190	360	1.0
Diethyl phthalate	360	U	ug/Kg	20	360	1.0
2,4-Dimethylphenol	360	U	ug/Kg	19	360	1.0
Dimethyl phthalate	360	U	ug/Kg	74	360	1.0
Di-n-butyl phthalate	360	U	ug/Kg	19	360	1.0
4,6-Dinitro-2-methylphenol	1900	U	ug/Kg	360	1900	1.0
2,4-Dinitrophenol	1900	U	ug/Kg	180	1900	1.0
2,4-Dinitrotoluene	360	U	ug/Kg	23	360	1.0
2,6-Dinitrotoluene	360	U	ug/Kg	22	360	1.0
Di-n-octyl phthalate	360	U	ug/Kg	21	360	1.0
1,4-Dioxane	360	U	ug/Kg	91	360	1.0
Fluoranthene	360	U	ug/Kg	19	360	1.0
Fluorene	360	U	ug/Kg	22	360	1.0
Hexachlorobenzene	360	U	ug/Kg	22	360	1.0
Hexachlorobutadiene	360	U	ug/Kg	23	360	1.0
Hexachlorocyclopentadiene	360	U	ug/Kg	190	360	1.0
Hexachloroethane	360	U	ug/Kg	19	360	1.0
Indeno[1,2,3-cd]pyrene	360	U	ug/Kg	32	360	1.0
Isophorone	360	U	ug/Kg	19	360	1.0
Mercaptobenzothiazole	1900	U *	ug/Kg	1900	1900	1.0
2-Methylnaphthalene	360	U	ug/Kg	19	360	1.0
2-Methylphenol	360	U	ug/Kg	23	360	1.0
3 & 4 Methylphenol	360	U	ug/Kg	23	360	1.0
Naphthalene	360	U	ug/Kg	19	360	1.0
2-Nitroaniline	1900	U	ug/Kg	190	1900	1.0
3-Nitroaniline	1900	U	ug/Kg	36	1900	1.0

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Sdg Number: FLX005

Client Sample ID: TE-019-SS
Lab Sample ID: 680-29952-1

Date Sampled: 09/05/2007 1350
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Nitroaniline	1900	U	ug/Kg	190	1900	1.0
Nitrobenzene	360	U	ug/Kg	19	360	1.0
2-Nitrophenol	360	U	ug/Kg	25	360	1.0
4-Nitrophenol	1900	U	ug/Kg	190	1900	1.0
N-Nitrosodimethylamine	360	U	ug/Kg	190	360	1.0
N-Nitrosodi-n-propylamine	360	U	ug/Kg	19	360	1.0
N-Nitrosodiphenylamine	360	U	ug/Kg	36	360	1.0
2,2'-oxybis[1-chloropropane]	360	U	ug/Kg	19	360	1.0
Pentachlorophenol	1900	U	ug/Kg	190	1900	1.0
Phenanthrene	360	U	ug/Kg	19	360	1.0
Phenol	360	U	ug/Kg	19	360	1.0
Pyrene	360	U	ug/Kg	19	360	1.0
2,4,5-Trichlorophenol	360	U	ug/Kg	74	360	1.0
2,4,6-Trichlorophenol	360	U	ug/Kg	74	360	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	52		%		44 - 110	
2-Fluorophenol	47		%		41 - 110	
Nitrobenzene-d5	44		%		36 - 110	
Phenol-d5	45		%		43 - 110	
Terphenyl-d14	62		%		10 - 112	
2,4,6-Tribromophenol	56		%		36 - 128	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	8500	A J	ug/Kg		3.42	1.0
2(3H)-Benzothiazolone	460	J N	ug/Kg	934-34-9	8.03	1.0
Phosphine oxide, triphenyl-	1800	J N	ug/Kg	791-28-6	10.77	1.0
Method: Soluble-8015B	Date Analyzed: 09/17/2007 2245					
Dibutyl amine	5.5	U	mg/Kg	5.5	5.5	1.0
Diethylamine	5.5	U	mg/Kg	5.5	5.5	1.0
Dimethylamine	5.5	U	mg/Kg	5.5	5.5	1.0
Dibenzylamine	5.5	U	mg/Kg	5.5	5.5	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1402					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 1857					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	22	U	mg/Kg	22	22	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	75		%		39 - 140	

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Client Sample ID: TE-019-SS
Lab Sample ID: 680-29952-1

Date Sampled: 09/05/2007 1350
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 6020				Date Analyzed:	09/15/2007 1036	
Prep Method: 3050B				Date Prepared:	09/12/2007 0821	
Sodium	330	B	mg/Kg	16	53	1.0
Nickel	17		mg/Kg	0.038	0.21	1.0
Zinc	46		mg/Kg	0.67	4.2	1.0

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Date Sampled: 09/05/2007 1350
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9038				Date Analyzed:	09/21/2007 1208	
Prep Method: 5050				Date Prepared:	09/20/2007 0900	
Total Sulfur	180	U	mg/Kg	180	180	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SO 11-12
Lab Sample ID: 680-29952-2

Date Sampled: 09/05/2007 1435
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed: 09/17/2007 1305			
Acetone	8.8	J	ug/Kg	5.3	60	1.0
Benzene	6.0	U	ug/Kg	0.95	6.0	1.0
Bromodichloromethane	6.0	U	ug/Kg	0.99	6.0	1.0
Bromoform	6.0	U	ug/Kg	1.3	6.0	1.0
Bromomethane	6.0	U	ug/Kg	1.9	6.0	1.0
Carbon disulfide	6.0	U	ug/Kg	0.61	6.0	1.0
Carbon tetrachloride	6.0	U	ug/Kg	1.2	6.0	1.0
Chlorobenzene	6.0	U	ug/Kg	0.87	6.0	1.0
Chloroethane	6.0	U	ug/Kg	1.4	6.0	1.0
Chloroform	6.0	U	ug/Kg	0.60	6.0	1.0
Chloromethane	6.0	U	ug/Kg	0.85	6.0	1.0
cis-1,2-Dichloroethene	6.0	U	ug/Kg	0.75	6.0	1.0
cis-1,3-Dichloropropene	6.0	U	ug/Kg	1.0	6.0	1.0
Cyclohexane	12	U	ug/Kg	0.72	12	1.0
Dibromochloromethane	6.0	U	ug/Kg	0.60	6.0	1.0
1,2-Dibromo-3-Chloropropane	12	U	ug/Kg	3.4	12	1.0
1,2-Dibromoethane	6.0	U	ug/Kg	1.8	6.0	1.0
1,2-Dichlorobenzene	6.0	U	ug/Kg	0.78	6.0	1.0
1,3-Dichlorobenzene	6.0	U	ug/Kg	0.99	6.0	1.0
1,4-Dichlorobenzene	6.0	U	ug/Kg	0.61	6.0	1.0
Dichlorodifluoromethane	6.0	U	ug/Kg	1.1	6.0	1.0
1,1-Dichloroethane	6.0	U	ug/Kg	0.60	6.0	1.0
1,2-Dichloroethane	6.0	U	ug/Kg	1.2	6.0	1.0
1,1-Dichloroethene	6.0	U	ug/Kg	0.65	6.0	1.0
1,2-Dichloropropane	6.0	U	ug/Kg	1.3	6.0	1.0
Ethylbenzene	6.0	U	ug/Kg	0.90	6.0	1.0
2-Hexanone	30	U	ug/Kg	2.5	30	1.0
Isopropylbenzene	6.0	U	ug/Kg	0.60	6.0	1.0
Methyl acetate	12	U	ug/Kg	2.6	12	1.0
Methylcyclohexane	12	U	ug/Kg	0.86	12	1.0
Methylene Chloride	6.0	U	ug/Kg	1.2	6.0	1.0
Methyl ethyl ketone (MEK)	30	U	ug/Kg	3.2	30	1.0
Methyl isobutyl ketone (MIBK)	30	U	ug/Kg	3.5	30	1.0
Methyl tert-butyl ether	60	U	ug/Kg	2.6	60	1.0
Styrene	6.0	U	ug/Kg	0.79	6.0	1.0
1,1,2,2-Tetrachloroethane	6.0	U	ug/Kg	1.7	6.0	1.0
Tetrachloroethene	6.0	U	ug/Kg	0.87	6.0	1.0
Toluene	6.0	U	ug/Kg	0.95	6.0	1.0
trans-1,2-Dichloroethene	6.0	U	ug/Kg	1.2	6.0	1.0
trans-1,3-Dichloropropene	6.0	U	ug/Kg	1.0	6.0	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SO 11-12
Lab Sample ID: 680-29952-2

Date Sampled: 09/05/2007 1435
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,2,4-Trichlorobenzene	6.0	U	ug/Kg	1.2	6.0	1.0
1,1,1-Trichloroethane	6.0	U	ug/Kg	0.69	6.0	1.0
1,1,2-Trichloroethane	6.0	U	ug/Kg	1.4	6.0	1.0
Trichloroethene	6.0	U	ug/Kg	1.2	6.0	1.0
Trichlorofluoromethane	6.0	U	ug/Kg	1.8	6.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U	ug/Kg	0.79	6.0	1.0
1,2,4-Trimethylbenzene	6.0	U	ug/Kg	0.64	6.0	1.0
1,3,5-Trimethylbenzene	6.0	U	ug/Kg	1.0	6.0	1.0
Vinyl chloride	6.0	U	ug/Kg	0.69	6.0	1.0
Xylenes, Total	12	U	ug/Kg	2.8	12	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	104		%		65 - 124	
Dibromofluoromethane	105		%		65 - 124	
Toluene-d8 (Surr)	102		%		65 - 132	

Tentatively Identified Compounds			Cas Number		RT	
Carbon Dioxide	1800	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	9.8	J	ug/Kg		1.59	1.0
Unknown	6.1	J	ug/Kg		1.95	1.0
Unknown	8.0	J	ug/Kg		2.35	1.0
Unknown Alkene	47	J B	ug/Kg		7.95	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1224

Date Prepared: 09/19/2007 1515

Acenaphthene	400	U	ug/Kg	20	400	1.0
Acenaphthylene	400	U	ug/Kg	20	400	1.0
Acetophenone	400	U *	ug/Kg	20	400	1.0
Aniline	790	U	ug/Kg	20	790	1.0
Anthracene	400	U	ug/Kg	20	400	1.0
Atrazine	400	U	ug/Kg	20	400	1.0
Benzaldehyde	400	U	ug/Kg	52	400	1.0
Benzidine	3200	U	ug/Kg	990	3200	1.0
Benzo[a]anthracene	400	U	ug/Kg	40	400	1.0
Benzo[a]pyrene	400	U	ug/Kg	20	400	1.0
Benzo[b]fluoranthene	400	U	ug/Kg	20	400	1.0
Benzo[g,h,i]perylene	400	U	ug/Kg	29	400	1.0
Benzo[k]fluoranthene	400	U	ug/Kg	20	400	1.0
1,1'-Biphenyl	400	U	ug/Kg	20	400	1.0
Bis(2-chloroethoxy)methane	400	U	ug/Kg	20	400	1.0
Bis(2-chloroethyl)ether	400	U	ug/Kg	20	400	1.0
Bis(2-ethylhexyl) phthalate	400	U	ug/Kg	38	400	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SO 11-12
Lab Sample ID: 680-29952-2

Date Sampled: 09/05/2007 1435
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Bromophenyl phenyl ether	400	U	ug/Kg	20	400	1.0
Butyl benzyl phthalate	400	U	ug/Kg	20	400	1.0
Caprolactam	400	U	ug/Kg	20	400	1.0
Carbazole	400	U	ug/Kg	20	400	1.0
4-Chloroaniline	790	U	ug/Kg	20	790	1.0
4-Chloro-3-methylphenol	400	U	ug/Kg	80	400	1.0
2-Chloronaphthalene	400	U	ug/Kg	20	400	1.0
2-Chlorophenol	400	U	ug/Kg	20	400	1.0
4-Chlorophenyl phenyl ether	400	U	ug/Kg	28	400	1.0
Chrysene	400	U	ug/Kg	20	400	1.0
Dibenz(a,h)anthracene	400	U	ug/Kg	29	400	1.0
Dibenzofuran	400	U	ug/Kg	20	400	1.0
3,3'-Dichlorobenzidine	790	U	ug/Kg	20	790	1.0
2,4-Dichlorophenol	400	U	ug/Kg	200	400	1.0
Diethyl phthalate	400	U	ug/Kg	22	400	1.0
2,4-Dimethylphenol	400	U	ug/Kg	20	400	1.0
Dimethyl phthalate	400	U	ug/Kg	80	400	1.0
Di-n-butyl phthalate	400	U	ug/Kg	20	400	1.0
4,6-Dinitro-2-methylphenol	2000	U	ug/Kg	400	2000	1.0
2,4-Dinitrophenol	2000	U	ug/Kg	190	2000	1.0
2,4-Dinitrotoluene	400	U	ug/Kg	25	400	1.0
2,6-Dinitrotoluene	400	U	ug/Kg	24	400	1.0
Di-n-octyl phthalate	400	U	ug/Kg	23	400	1.0
1,4-Dioxane	400	U	ug/Kg	99	400	1.0
Fluoranthene	400	U	ug/Kg	20	400	1.0
Fluorene	400	U	ug/Kg	24	400	1.0
Hexachlorobenzene	400	U	ug/Kg	24	400	1.0
Hexachlorobutadiene	400	U	ug/Kg	25	400	1.0
Hexachlorocyclopentadiene	400	U	ug/Kg	200	400	1.0
Hexachloroethane	400	U	ug/Kg	20	400	1.0
Indeno[1,2,3-cd]pyrene	400	U	ug/Kg	35	400	1.0
Isophorone	400	U	ug/Kg	20	400	1.0
Mercaptobenzothiazole	2000	U *	ug/Kg	2000	2000	1.0
2-Methylnaphthalene	400	U	ug/Kg	20	400	1.0
2-Methylphenol	400	U	ug/Kg	25	400	1.0
3 & 4 Methylphenol	400	U	ug/Kg	25	400	1.0
Naphthalene	400	U	ug/Kg	20	400	1.0
2-Nitroaniline	2000	U	ug/Kg	200	2000	1.0
3-Nitroaniline	2000	U	ug/Kg	40	2000	1.0
4-Nitroaniline	2000	U	ug/Kg	200	2000	1.0
Nitrobenzene	400	U	ug/Kg	20	400	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SO 11-12
Lab Sample ID: 680-29952-2

Date Sampled: 09/05/2007 1435
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Nitrophenol	400	U	ug/Kg	28	400	1.0
4-Nitrophenol	2000	U	ug/Kg	200	2000	1.0
N-Nitrosodimethylamine	400	U	ug/Kg	200	400	1.0
N-Nitrosodi-n-propylamine	400	U	ug/Kg	20	400	1.0
N-Nitrosodiphenylamine	400	U	ug/Kg	40	400	1.0
2,2'-oxybis[1-chloropropane]	400	U	ug/Kg	20	400	1.0
Pentachlorophenol	2000	U	ug/Kg	200	2000	1.0
Phenanthrene	400	U	ug/Kg	20	400	1.0
Phenol	400	U	ug/Kg	20	400	1.0
Pyrene	400	U	ug/Kg	20	400	1.0
2,4,5-Trichlorophenol	400	U	ug/Kg	80	400	1.0
2,4,6-Trichlorophenol	400	U	ug/Kg	80	400	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	59		%		44 - 110	
2-Fluorophenol	50		%		41 - 110	
Nitrobenzene-d5	43		%		36 - 110	
Phenol-d5	51		%		43 - 110	
Terphenyl-d14	67		%		10 - 112	
2,4,6-Tribromophenol	54		%		36 - 128	
Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	8900	A J	ug/Kg		3.42	1.0
Phosphine oxide, triphenyl-	2100	J N	ug/Kg	791-28-6	10.77	1.0
Method: Soluble-8015B	Date Analyzed: 09/17/2007 2314					
Dibutyl amine	6.0	U	mg/Kg	6.0	6.0	1.0
Diethylamine	6.0	U	mg/Kg	6.0	6.0	1.0
Dimethylamine	6.0	U	mg/Kg	6.0	6.0	1.0
Dibenzylamine	6.0	U	mg/Kg	6.0	6.0	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1431					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 1910					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	24	U	mg/Kg	24	24	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	87		%		39 - 140	
Method: 6020	Date Analyzed: 09/15/2007 1043					
Prep Method: 3050B	Date Prepared: 09/12/2007 0821					

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SO 11-12
Lab Sample ID: 680-29952-2

Date Sampled: 09/05/2007 1435
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Sodium	440	mg/Kg	16	54	1.0
Nickel	26	mg/Kg	0.039	0.22	1.0
Zinc	36	mg/Kg	0.70	4.4	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-019-SO 11-12
Lab Sample ID: 680-29952-2

Date Sampled: 09/05/2007 1435
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	200 U	mg/Kg	200	200	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SS
Lab Sample ID: 680-29952-3

Date Sampled: 09/05/2007 1530
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 1905		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	2.2	J	ug/Kg	2.1	24	1.0
Benzene	2.4	U	ug/Kg	0.38	2.4	1.0
Bromodichloromethane	2.4	U	ug/Kg	0.40	2.4	1.0
Bromoform	2.4	U	ug/Kg	0.53	2.4	1.0
Bromomethane	2.4	U	ug/Kg	0.76	2.4	1.0
Carbon disulfide	0.34	J	ug/Kg	0.24	2.4	1.0
Carbon tetrachloride	2.4	U	ug/Kg	0.48	2.4	1.0
Chlorobenzene	2.4	U	ug/Kg	0.35	2.4	1.0
Chloroethane	2.4	U	ug/Kg	0.57	2.4	1.0
Chloroform	2.4	U	ug/Kg	0.24	2.4	1.0
Chloromethane	2.4	U	ug/Kg	0.34	2.4	1.0
cis-1,2-Dichloroethene	2.4	U	ug/Kg	0.30	2.4	1.0
cis-1,3-Dichloropropene	2.4	U	ug/Kg	0.42	2.4	1.0
Cyclohexane	4.8	U	ug/Kg	0.29	4.8	1.0
Dibromochloromethane	2.4	U	ug/Kg	0.24	2.4	1.0
1,2-Dibromo-3-Chloropropane	4.8	U	ug/Kg	1.3	4.8	1.0
1,2-Dibromoethane	2.4	U	ug/Kg	0.72	2.4	1.0
1,2-Dichlorobenzene	2.4	U	ug/Kg	0.31	2.4	1.0
1,3-Dichlorobenzene	2.4	U	ug/Kg	0.40	2.4	1.0
1,4-Dichlorobenzene	2.4	U	ug/Kg	0.24	2.4	1.0
Dichlorodifluoromethane	2.4	U	ug/Kg	0.43	2.4	1.0
1,1-Dichloroethane	2.4	U	ug/Kg	0.24	2.4	1.0
1,2-Dichloroethane	2.4	U	ug/Kg	0.48	2.4	1.0
1,1-Dichloroethene	2.4	U	ug/Kg	0.26	2.4	1.0
1,2-Dichloropropane	2.4	U	ug/Kg	0.53	2.4	1.0
Ethylbenzene	2.4	U	ug/Kg	0.36	2.4	1.0
2-Hexanone	12	U	ug/Kg	1.0	12	1.0
Isopropylbenzene	2.4	U	ug/Kg	0.24	2.4	1.0
Methyl acetate	4.8	U	ug/Kg	1.1	4.8	1.0
Methylcyclohexane	4.8	U	ug/Kg	0.34	4.8	1.0
Methylene Chloride	2.4	U	ug/Kg	0.48	2.4	1.0
Methyl ethyl ketone (MEK)	12	U	ug/Kg	1.3	12	1.0
Methyl isobutyl ketone (MIBK)	12	U	ug/Kg	1.4	12	1.0
Methyl tert-butyl ether	24	U	ug/Kg	1.1	24	1.0
Styrene	2.4	U	ug/Kg	0.32	2.4	1.0
1,1,2,2-Tetrachloroethane	2.4	U	ug/Kg	0.67	2.4	1.0
Tetrachloroethene	2.4	U	ug/Kg	0.35	2.4	1.0
Toluene	0.70	J	ug/Kg	0.38	2.4	1.0
trans-1,2-Dichloroethene	2.4	U	ug/Kg	0.46	2.4	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SS
Lab Sample ID: 680-29952-3

Date Sampled: 09/05/2007 1530
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.4	U	ug/Kg	0.42	2.4	1.0
1,2,4-Trichlorobenzene	2.4	U	ug/Kg	0.48	2.4	1.0
1,1,1-Trichloroethane	2.4	U	ug/Kg	0.28	2.4	1.0
1,1,2-Trichloroethane	2.4	U	ug/Kg	0.57	2.4	1.0
Trichloroethene	2.4	U	ug/Kg	0.48	2.4	1.0
Trichlorofluoromethane	2.4	U	ug/Kg	0.72	2.4	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.4	U	ug/Kg	0.32	2.4	1.0
1,2,4-Trimethylbenzene	2.4	U	ug/Kg	0.25	2.4	1.0
1,3,5-Trimethylbenzene	2.4	U	ug/Kg	0.42	2.4	1.0
Vinyl chloride	2.4	U	ug/Kg	0.28	2.4	1.0
Xylenes, Total	4.8	U	ug/Kg	1.1	4.8	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	102		%		65 - 124	
Dibromofluoromethane	103		%		65 - 124	
Toluene-d8 (Surr)	101		%		65 - 132	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	840	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	3.2	J	ug/Kg		1.15	1.0
Unknown	2.5	J	ug/Kg		1.35	1.0
Unknown	2.5	J	ug/Kg		1.50	1.0
Unknown	3.4	J	ug/Kg		1.57	1.0
Unknown	4.8	J	ug/Kg		1.69	1.0
Unknown	4.2	J	ug/Kg		1.96	1.0
Unknown	3.6	J	ug/Kg		2.13	1.0
Unknown	3.1	J	ug/Kg		2.64	1.0
Unknown Alkene	20	J	ug/Kg		7.95	1.0
Method: 8270C				Date Analyzed:	09/26/2007 1711	
Prep Method: 3550B				Date Prepared:	09/19/2007 1515	
Acenaphthene	3700	U	ug/Kg	190	3700	10
Acenaphthylene	3700	U	ug/Kg	190	3700	10
Acetophenone	3700	U *	ug/Kg	190	3700	10
Aniline	7400	U	ug/Kg	190	7400	10
Anthracene	3700	U	ug/Kg	190	3700	10
Atrazine	3700	U	ug/Kg	190	3700	10
Benzaldehyde	3700	U	ug/Kg	480	3700	10
Benzidine	30000	U	ug/Kg	9300	30000	10
Benzo[a]anthracene	3700	U	ug/Kg	370	3700	10
Benzo[a]pyrene	3700	U	ug/Kg	190	3700	10
Benzo[b]fluoranthene	3700	U	ug/Kg	190	3700	10

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SS
Lab Sample ID: 680-29952-3

Date Sampled: 09/05/2007 1530
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[g,h,i]perylene	3700	U	ug/Kg	270	3700	10
Benzo[k]fluoranthene	3700	U	ug/Kg	190	3700	10
1,1'-Biphenyl	3700	U	ug/Kg	190	3700	10
Bis(2-chloroethoxy)methane	3700	U	ug/Kg	190	3700	10
Bis(2-chloroethyl)ether	3700	U	ug/Kg	190	3700	10
Bis(2-ethylhexyl) phthalate	3700	U	ug/Kg	360	3700	10
4-Bromophenyl phenyl ether	3700	U	ug/Kg	190	3700	10
Butyl benzyl phthalate	3700	U	ug/Kg	190	3700	10
Caprolactam	3700	U	ug/Kg	190	3700	10
Carbazole	3700	U	ug/Kg	190	3700	10
4-Chloroaniline	7400	U	ug/Kg	190	7400	10
4-Chloro-3-methylphenol	3700	U	ug/Kg	750	3700	10
2-Chloronaphthalene	3700	U	ug/Kg	190	3700	10
2-Chlorophenol	3700	U	ug/Kg	190	3700	10
4-Chlorophenyl phenyl ether	3700	U	ug/Kg	260	3700	10
Chrysene	3700	U	ug/Kg	190	3700	10
Dibenz(a,h)anthracene	3700	U	ug/Kg	270	3700	10
Dibenzofuran	3700	U	ug/Kg	190	3700	10
3,3'-Dichlorobenzidine	7400	U	ug/Kg	190	7400	10
2,4-Dichlorophenol	3700	U	ug/Kg	1900	3700	10
Diethyl phthalate	3700	U	ug/Kg	200	3700	10
2,4-Dimethylphenol	3700	U	ug/Kg	190	3700	10
Dimethyl phthalate	3700	U	ug/Kg	750	3700	10
Di-n-butyl phthalate	3700	U	ug/Kg	190	3700	10
4,6-Dinitro-2-methylphenol	19000	U	ug/Kg	3700	19000	10
2,4-Dinitrophenol	19000	U	ug/Kg	1800	19000	10
2,4-Dinitrotoluene	3700	U	ug/Kg	230	3700	10
2,6-Dinitrotoluene	3700	U	ug/Kg	220	3700	10
Di-n-octyl phthalate	3700	U	ug/Kg	210	3700	10
1,4-Dioxane	3700	U	ug/Kg	930	3700	10
Fluoranthene	3700	U	ug/Kg	190	3700	10
Fluorene	3700	U	ug/Kg	220	3700	10
Hexachlorobenzene	3700	U	ug/Kg	220	3700	10
Hexachlorobutadiene	3700	U	ug/Kg	230	3700	10
Hexachlorocyclopentadiene	3700	U	ug/Kg	1900	3700	10
Hexachloroethane	3700	U	ug/Kg	190	3700	10
Indeno[1,2,3-cd]pyrene	3700	U	ug/Kg	320	3700	10
Isophorone	3700	U	ug/Kg	190	3700	10
Mercaptobenzothiazole	47000	*	ug/Kg	19000	19000	10
2-Methylnaphthalene	3700	U	ug/Kg	190	3700	10
2-Methylphenol	3700	U	ug/Kg	230	3700	10

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SS
Lab Sample ID: 680-29952-3

Date Sampled: 09/05/2007 1530
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
3 & 4 Methylphenol	3700	U	ug/Kg	230	3700	10
Naphthalene	3700	U	ug/Kg	190	3700	10
2-Nitroaniline	19000	U	ug/Kg	1900	19000	10
3-Nitroaniline	19000	U	ug/Kg	370	19000	10
4-Nitroaniline	19000	U	ug/Kg	1900	19000	10
Nitrobenzene	3700	U	ug/Kg	190	3700	10
2-Nitrophenol	3700	U	ug/Kg	260	3700	10
4-Nitrophenol	19000	U	ug/Kg	1900	19000	10
N-Nitrosodimethylamine	3700	U	ug/Kg	1900	3700	10
N-Nitrosodi-n-propylamine	3700	U	ug/Kg	190	3700	10
N-Nitrosodiphenylamine	3700	U	ug/Kg	370	3700	10
2,2'-oxybis[1-chloropropane]	3700	U	ug/Kg	190	3700	10
Pentachlorophenol	19000	U	ug/Kg	1900	19000	10
Phenanthrene	3700	U	ug/Kg	190	3700	10
Phenol	3700	U	ug/Kg	190	3700	10
Pyrene	3700	U	ug/Kg	190	3700	10
2,4,5-Trichlorophenol	3700	U	ug/Kg	750	3700	10
2,4,6-Trichlorophenol	3700	U	ug/Kg	750	3700	10
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	0	D	%		44 - 110	
2-Fluorophenol	0	D	%		41 - 110	
Nitrobenzene-d5	0	D	%		36 - 110	
Phenol-d5	0	D	%		43 - 110	
Terphenyl-d14	0	D	%		10 - 112	
2,4,6-Tribromophenol	0	D	%		36 - 128	
Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	12000	A J	ug/Kg		3.43	10
Method: Soluble-8015B	Date Analyzed: 09/17/2007 2344					
Dibutyl amine	5.6	U	mg/Kg	5.6	5.6	1.0
Diethylamine	5.6	U	mg/Kg	5.6	5.6	1.0
Dimethylamine	5.6	U	mg/Kg	5.6	5.6	1.0
Dibenzylamine	5.6	U	mg/Kg	5.6	5.6	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1459					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 1922					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	180		mg/Kg	22	22	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SS
Lab Sample ID: 680-29952-3

Date Sampled: 09/05/2007 1530
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate	Acceptance Limits					
o-Terphenyl	82		%		39 - 140	
Method: 6020			Date Analyzed:	09/15/2007	1117	
Prep Method: 3050B			Date Prepared:	09/12/2007	0821	
Sodium	220	B	mg/Kg	15	49	1.0
Nickel	8.9		mg/Kg	0.035	0.20	1.0
Zinc	19		mg/Kg	0.63	3.9	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SS
Lab Sample ID: 680-29952-3

Date Sampled: 09/05/2007 1530
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	170 U	mg/Kg	170	170	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:			09/16/2007 1926		
Acetone	66	U	ug/Kg	5.8	66	1.0
Benzene	6.6	U	ug/Kg	1.0	6.6	1.0
Bromodichloromethane	6.6	U	ug/Kg	1.1	6.6	1.0
Bromoform	6.6	U	ug/Kg	1.4	6.6	1.0
Bromomethane	6.6	U	ug/Kg	2.1	6.6	1.0
Carbon disulfide	6.6	U	ug/Kg	0.67	6.6	1.0
Carbon tetrachloride	6.6	U	ug/Kg	1.3	6.6	1.0
Chlorobenzene	6.6	U	ug/Kg	0.96	6.6	1.0
Chloroethane	6.6	U	ug/Kg	1.6	6.6	1.0
Chloroform	6.6	U	ug/Kg	0.66	6.6	1.0
Chloromethane	6.6	U	ug/Kg	0.93	6.6	1.0
cis-1,2-Dichloroethene	6.6	U	ug/Kg	0.83	6.6	1.0
cis-1,3-Dichloropropene	6.6	U	ug/Kg	1.1	6.6	1.0
Cyclohexane	13	U	ug/Kg	0.79	13	1.0
Dibromochloromethane	6.6	U	ug/Kg	0.66	6.6	1.0
1,2-Dibromo-3-Chloropropane	13	U	ug/Kg	3.7	13	1.0
1,2-Dibromoethane	6.6	U	ug/Kg	2.0	6.6	1.0
1,2-Dichlorobenzene	6.6	U	ug/Kg	0.85	6.6	1.0
1,3-Dichlorobenzene	6.6	U	ug/Kg	1.1	6.6	1.0
1,4-Dichlorobenzene	6.6	U	ug/Kg	0.67	6.6	1.0
Dichlorodifluoromethane	6.6	U	ug/Kg	1.2	6.6	1.0
1,1-Dichloroethane	6.6	U	ug/Kg	0.66	6.6	1.0
1,2-Dichloroethane	6.6	U	ug/Kg	1.3	6.6	1.0
1,1-Dichloroethene	6.6	U	ug/Kg	0.71	6.6	1.0
1,2-Dichloropropane	6.6	U	ug/Kg	1.4	6.6	1.0
Ethylbenzene	6.6	U	ug/Kg	0.98	6.6	1.0
2-Hexanone	33	U	ug/Kg	2.8	33	1.0
Isopropylbenzene	6.6	U	ug/Kg	0.66	6.6	1.0
Methyl acetate	13	U	ug/Kg	2.9	13	1.0
Methylcyclohexane	13	U	ug/Kg	0.94	13	1.0
Methylene Chloride	6.6	U	ug/Kg	1.3	6.6	1.0
Methyl ethyl ketone (MEK)	33	U	ug/Kg	3.5	33	1.0
Methyl isobutyl ketone (MIBK)	33	U	ug/Kg	3.8	33	1.0
Methyl tert-butyl ether	66	U	ug/Kg	2.9	66	1.0
Styrene	6.6	U	ug/Kg	0.87	6.6	1.0
1,1,2,2-Tetrachloroethane	6.6	U	ug/Kg	1.8	6.6	1.0
Tetrachloroethene	2.3	J	ug/Kg	0.96	6.6	1.0
Toluene	3.7	J	ug/Kg	1.0	6.6	1.0
trans-1,2-Dichloroethene	6.6	U	ug/Kg	1.3	6.6	1.0
trans-1,3-Dichloropropene	6.6	U	ug/Kg	1.1	6.6	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,2,4-Trichlorobenzene	6.6	U	ug/Kg	1.3	6.6	1.0
1,1,1-Trichloroethane	6.6	U	ug/Kg	0.76	6.6	1.0
1,1,2-Trichloroethane	6.6	U	ug/Kg	1.6	6.6	1.0
Trichloroethene	6.6	U	ug/Kg	1.3	6.6	1.0
Trichlorofluoromethane	6.6	U	ug/Kg	2.0	6.6	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	6.6	U	ug/Kg	0.87	6.6	1.0
1,2,4-Trimethylbenzene	6.6	U	ug/Kg	0.70	6.6	1.0
1,3,5-Trimethylbenzene	6.6	U	ug/Kg	1.1	6.6	1.0
Vinyl chloride	6.6	U	ug/Kg	0.76	6.6	1.0
Xylenes, Total	13	U	ug/Kg	3.0	13	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	94		%		65 - 124	
Dibromofluoromethane	109		%		65 - 124	
Toluene-d8 (Surr)	98		%		65 - 132	

Tentatively Identified Compounds			Cas Number		RT	
Unknown	7.3	J	ug/Kg		1.02	1.0
Carbon Dioxide	3200	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	7.9	J	ug/Kg		1.16	1.0
Unknown	7.4	J	ug/Kg		1.57	1.0
Unknown	8.2	J	ug/Kg		2.24	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1246

Date Prepared: 09/19/2007 1515

Acenaphthene	430	U	ug/Kg	22	430	1.0
Acenaphthylene	430	U	ug/Kg	22	430	1.0
Acetophenone	430	U *	ug/Kg	22	430	1.0
Aniline	870	U	ug/Kg	22	870	1.0
Anthracene	430	U	ug/Kg	22	430	1.0
Atrazine	430	U	ug/Kg	22	430	1.0
Benzaldehyde	430	U	ug/Kg	56	430	1.0
Benzidine	3500	U	ug/Kg	1100	3500	1.0
Benzo[a]anthracene	430	U	ug/Kg	43	430	1.0
Benzo[a]pyrene	430	U	ug/Kg	22	430	1.0
Benzo[b]fluoranthene	430	U	ug/Kg	22	430	1.0
Benzo[g,h,i]perylene	430	U	ug/Kg	31	430	1.0
Benzo[k]fluoranthene	430	U	ug/Kg	22	430	1.0
1,1'-Biphenyl	430	U	ug/Kg	22	430	1.0
Bis(2-chloroethoxy)methane	430	U	ug/Kg	22	430	1.0
Bis(2-chloroethyl)ether	430	U	ug/Kg	22	430	1.0
Bis(2-ethylhexyl) phthalate	430	U	ug/Kg	42	430	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Bromophenyl phenyl ether	430	U	ug/Kg	22	430	1.0
Butyl benzyl phthalate	430	U	ug/Kg	22	430	1.0
Caprolactam	430	U	ug/Kg	22	430	1.0
Carbazole	430	U	ug/Kg	22	430	1.0
4-Chloroaniline	870	U	ug/Kg	22	870	1.0
4-Chloro-3-methylphenol	430	U	ug/Kg	88	430	1.0
2-Chloronaphthalene	430	U	ug/Kg	22	430	1.0
2-Chlorophenol	430	U	ug/Kg	22	430	1.0
4-Chlorophenyl phenyl ether	430	U	ug/Kg	30	430	1.0
Chrysene	430	U	ug/Kg	22	430	1.0
Dibenz(a,h)anthracene	430	U	ug/Kg	31	430	1.0
Dibenzofuran	430	U	ug/Kg	22	430	1.0
3,3'-Dichlorobenzidine	870	U	ug/Kg	22	870	1.0
2,4-Dichlorophenol	430	U	ug/Kg	220	430	1.0
Diethyl phthalate	430	U	ug/Kg	24	430	1.0
2,4-Dimethylphenol	430	U	ug/Kg	22	430	1.0
Dimethyl phthalate	430	U	ug/Kg	88	430	1.0
Di-n-butyl phthalate	430	U	ug/Kg	22	430	1.0
4,6-Dinitro-2-methylphenol	2200	U	ug/Kg	430	2200	1.0
2,4-Dinitrophenol	2200	U	ug/Kg	210	2200	1.0
2,4-Dinitrotoluene	430	U	ug/Kg	28	430	1.0
2,6-Dinitrotoluene	430	U	ug/Kg	26	430	1.0
Di-n-octyl phthalate	430	U	ug/Kg	25	430	1.0
1,4-Dioxane	430	U	ug/Kg	110	430	1.0
Fluoranthene	430	U	ug/Kg	22	430	1.0
Fluorene	430	U	ug/Kg	26	430	1.0
Hexachlorobenzene	430	U	ug/Kg	26	430	1.0
Hexachlorobutadiene	430	U	ug/Kg	28	430	1.0
Hexachlorocyclopentadiene	430	U	ug/Kg	220	430	1.0
Hexachloroethane	430	U	ug/Kg	22	430	1.0
Indeno[1,2,3-cd]pyrene	430	U	ug/Kg	38	430	1.0
Isophorone	430	U	ug/Kg	22	430	1.0
Mercaptobenzothiazole	2200	U *	ug/Kg	2200	2200	1.0
2-Methylnaphthalene	430	U	ug/Kg	22	430	1.0
2-Methylphenol	430	U	ug/Kg	28	430	1.0
3 & 4 Methylphenol	430	U	ug/Kg	28	430	1.0
Naphthalene	430	U	ug/Kg	22	430	1.0
2-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
3-Nitroaniline	2200	U	ug/Kg	43	2200	1.0
4-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
Nitrobenzene	430	U	ug/Kg	22	430	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Nitrophenol	430	U	ug/Kg	30	430	1.0
4-Nitrophenol	2200	U	ug/Kg	220	2200	1.0
N-Nitrosodimethylamine	430	U	ug/Kg	220	430	1.0
N-Nitrosodi-n-propylamine	430	U	ug/Kg	22	430	1.0
N-Nitrosodiphenylamine	430	U	ug/Kg	43	430	1.0
2,2'-oxybis[1-chloropropane]	430	U	ug/Kg	22	430	1.0
Pentachlorophenol	2200	U	ug/Kg	220	2200	1.0
Phenanthrene	430	U	ug/Kg	22	430	1.0
Phenol	430	U	ug/Kg	22	430	1.0
Pyrene	430	U	ug/Kg	22	430	1.0
2,4,5-Trichlorophenol	430	U	ug/Kg	88	430	1.0
2,4,6-Trichlorophenol	430	U	ug/Kg	88	430	1.0

Surrogate	Acceptance Limits					
2-Fluorobiphenyl	45		%		44 - 110	
2-Fluorophenol	26	X	%		41 - 110	
Nitrobenzene-d5	25	X	%		36 - 110	
Phenol-d5	34	X	%		43 - 110	
Terphenyl-d14	64		%		10 - 112	
2,4,6-Tribromophenol	56		%		36 - 128	

Tentatively Identified Compounds	Cas Number		RT	
Unknown Aldol Condensate	4800	A J	ug/Kg	3.42 1.0
Unknown	960	J	ug/Kg	10.77 1.0

Method: 8270C **Run Type:** RE

Prep Method: 3550B

Date Analyzed: 10/03/2007 1659

Date Prepared: 10/02/2007 1945

Acenaphthene	430	U H	ug/Kg	22	430	1.0
Acenaphthylene	430	U H	ug/Kg	22	430	1.0
Acetophenone	430	U H *	ug/Kg	22	430	1.0
Aniline	860	U H	ug/Kg	22	860	1.0
Anthracene	430	U H	ug/Kg	22	430	1.0
Atrazine	430	U H	ug/Kg	22	430	1.0
Benzaldehyde	430	U H	ug/Kg	56	430	1.0
Benzidine	3500	U H	ug/Kg	1100	3500	1.0
Benzo[a]anthracene	430	U H	ug/Kg	43	430	1.0
Benzo[a]pyrene	430	U H	ug/Kg	22	430	1.0
Benzo[b]fluoranthene	430	U H	ug/Kg	22	430	1.0
Benzo[g,h,i]perylene	430	U H	ug/Kg	31	430	1.0
Benzo[k]fluoranthene	430	U H	ug/Kg	22	430	1.0
1,1'-Biphenyl	430	U H	ug/Kg	22	430	1.0
Bis(2-chloroethoxy)methane	430	U H	ug/Kg	22	430	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-chloroethyl)ether	430	U H	ug/Kg	22	430	1.0
Bis(2-ethylhexyl) phthalate	430	U H	ug/Kg	42	430	1.0
4-Bromophenyl phenyl ether	430	U H	ug/Kg	22	430	1.0
Butyl benzyl phthalate	430	U H	ug/Kg	22	430	1.0
Caprolactam	430	U H	ug/Kg	22	430	1.0
Carbazole	430	U H	ug/Kg	22	430	1.0
4-Chloroaniline	860	U H	ug/Kg	22	860	1.0
4-Chloro-3-methylphenol	430	U H	ug/Kg	88	430	1.0
2-Chloronaphthalene	430	U H	ug/Kg	22	430	1.0
2-Chlorophenol	430	U H	ug/Kg	22	430	1.0
4-Chlorophenyl phenyl ether	430	U H	ug/Kg	30	430	1.0
Chrysene	430	U H	ug/Kg	22	430	1.0
Dibenz(a,h)anthracene	430	U H	ug/Kg	31	430	1.0
Dibenzofuran	430	U H	ug/Kg	22	430	1.0
3,3'-Dichlorobenzidine	860	U H	ug/Kg	22	860	1.0
2,4-Dichlorophenol	430	U H	ug/Kg	220	430	1.0
Diethyl phthalate	430	U H	ug/Kg	24	430	1.0
2,4-Dimethylphenol	430	U H	ug/Kg	22	430	1.0
Dimethyl phthalate	430	U H	ug/Kg	88	430	1.0
Di-n-butyl phthalate	430	U H	ug/Kg	22	430	1.0
4,6-Dinitro-2-methylphenol	2200	U H	ug/Kg	430	2200	1.0
2,4-Dinitrophenol	2200	U H	ug/Kg	210	2200	1.0
2,4-Dinitrotoluene	430	U H	ug/Kg	28	430	1.0
2,6-Dinitrotoluene	430	U H	ug/Kg	26	430	1.0
Di-n-octyl phthalate	430	U H	ug/Kg	25	430	1.0
1,4-Dioxane	430	U H	ug/Kg	110	430	1.0
Fluoranthene	430	U H	ug/Kg	22	430	1.0
Fluorene	430	U H	ug/Kg	26	430	1.0
Hexachlorobenzene	430	U H	ug/Kg	26	430	1.0
Hexachlorobutadiene	430	U H	ug/Kg	28	430	1.0
Hexachlorocyclopentadiene	430	U H	ug/Kg	220	430	1.0
Hexachloroethane	430	U H	ug/Kg	22	430	1.0
Indeno[1,2,3-cd]pyrene	430	U H	ug/Kg	38	430	1.0
Isophorone	430	U H	ug/Kg	22	430	1.0
Mercaptobenzothiazole	2200	U H *	ug/Kg	2200	2200	1.0
2-Methylnaphthalene	430	U H	ug/Kg	22	430	1.0
2-Methylphenol	430	U H	ug/Kg	28	430	1.0
3 & 4 Methylphenol	430	U H	ug/Kg	28	430	1.0
Naphthalene	430	U H	ug/Kg	22	430	1.0
2-Nitroaniline	2200	U H	ug/Kg	220	2200	1.0
3-Nitroaniline	2200	U H	ug/Kg	43	2200	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
4-Nitroaniline	2200 U H	ug/Kg	220	2200	1.0
Nitrobenzene	430 U H	ug/Kg	22	430	1.0
2-Nitrophenol	430 U H	ug/Kg	30	430	1.0
4-Nitrophenol	2200 U H	ug/Kg	220	2200	1.0
N-Nitrosodimethylamine	430 U H	ug/Kg	220	430	1.0
N-Nitrosodi-n-propylamine	430 U H	ug/Kg	22	430	1.0
N-Nitrosodiphenylamine	430 U H	ug/Kg	43	430	1.0
2,2'-oxybis[1-chloropropane]	430 U H	ug/Kg	22	430	1.0
Pentachlorophenol	2200 U H	ug/Kg	220	2200	1.0
Phenanthrene	430 U H	ug/Kg	22	430	1.0
Phenol	430 U H	ug/Kg	22	430	1.0
Pyrene	430 U H	ug/Kg	22	430	1.0
2,4,5-Trichlorophenol	430 U H	ug/Kg	88	430	1.0
2,4,6-Trichlorophenol	430 U H	ug/Kg	88	430	1.0

Surrogate	Acceptance Limits				
2-Fluorobiphenyl	59	%		44 - 110	
2-Fluorophenol	70	%		41 - 110	
Nitrobenzene-d5	60	%		36 - 110	
Phenol-d5	72	%		43 - 110	
Terphenyl-d14	90	%		10 - 112	
2,4,6-Tribromophenol	80	%		36 - 128	

Tentatively Identified Compounds	Cas Number		RT	
Unknown Aldol Condensate	16000	A H J	ug/Kg	3.17 1.0

Method: Soluble-8015B	Date Analyzed: 09/18/2007 0013				
Dibutyl amine	6.6	U	mg/Kg	6.6	1.0
Diethylamine	6.6	U	mg/Kg	6.6	1.0
Dimethylamine	6.6	U	mg/Kg	6.6	1.0
Dibenzylamine	6.6	U	mg/Kg	6.6	1.0

Method: 630.1	Date Analyzed: 09/21/2007 1528				
Prep Method: 630.1	Date Prepared: 09/15/2007 0900				
Dithiocarbamates, Total	1.5	U	mg/Kg	1.5	1.0

Method: 8015B	Date Analyzed: 09/20/2007 1948				
Prep Method: 3550B	Date Prepared: 09/19/2007 2120				
Mineral oil	26	U	mg/Kg	26	1.0

Surrogate	Acceptance Limits				
o-Terphenyl	77	%		39 - 140	

Method: 6020	Date Analyzed: 09/15/2007 1124				
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Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Prep Method: 3050B			Date Prepared:		09/12/2007 0821	
Sodium	970	B	mg/Kg	17	58	1.0
Nickel	48		mg/Kg	0.041	0.23	1.0
Zinc	75		mg/Kg	0.74	4.6	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-026-SO 10-11
Lab Sample ID: 680-29952-4

Date Sampled: 09/05/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	200 U	mg/Kg	200	200	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SS
Lab Sample ID: 680-29952-5

Date Sampled: 09/05/2007 1715
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 1947		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	4.7	J	ug/Kg	2.1	24	1.0
Benzene	2.4	U	ug/Kg	0.38	2.4	1.0
Bromodichloromethane	2.4	U	ug/Kg	0.40	2.4	1.0
Bromoform	2.4	U	ug/Kg	0.54	2.4	1.0
Bromomethane	2.4	U	ug/Kg	0.78	2.4	1.0
Carbon disulfide	0.36	J	ug/Kg	0.25	2.4	1.0
Carbon tetrachloride	2.4	U	ug/Kg	0.49	2.4	1.0
Chlorobenzene	2.4	U	ug/Kg	0.36	2.4	1.0
Chloroethane	2.4	U	ug/Kg	0.58	2.4	1.0
Chloroform	2.4	U	ug/Kg	0.24	2.4	1.0
Chloromethane	2.4	U	ug/Kg	0.35	2.4	1.0
cis-1,2-Dichloroethene	2.4	U	ug/Kg	0.31	2.4	1.0
cis-1,3-Dichloropropene	2.4	U	ug/Kg	0.42	2.4	1.0
Cyclohexane	4.9	U	ug/Kg	0.29	4.9	1.0
Dibromochloromethane	2.4	U	ug/Kg	0.24	2.4	1.0
1,2-Dibromo-3-Chloropropane	4.9	U	ug/Kg	1.4	4.9	1.0
1,2-Dibromoethane	2.4	U	ug/Kg	0.73	2.4	1.0
1,2-Dichlorobenzene	2.4	U	ug/Kg	0.32	2.4	1.0
1,3-Dichlorobenzene	2.4	U	ug/Kg	0.40	2.4	1.0
1,4-Dichlorobenzene	2.4	U	ug/Kg	0.25	2.4	1.0
Dichlorodifluoromethane	2.4	U	ug/Kg	0.43	2.4	1.0
1,1-Dichloroethane	2.4	U	ug/Kg	0.24	2.4	1.0
1,2-Dichloroethane	2.4	U	ug/Kg	0.49	2.4	1.0
1,1-Dichloroethene	2.4	U	ug/Kg	0.26	2.4	1.0
1,2-Dichloropropane	2.4	U	ug/Kg	0.54	2.4	1.0
Ethylbenzene	2.4	U	ug/Kg	0.37	2.4	1.0
2-Hexanone	12	U	ug/Kg	1.0	12	1.0
Isopropylbenzene	2.4	U	ug/Kg	0.24	2.4	1.0
Methyl acetate	4.9	U	ug/Kg	1.1	4.9	1.0
Methylcyclohexane	4.9	U	ug/Kg	0.35	4.9	1.0
Methylene Chloride	2.4	U	ug/Kg	0.49	2.4	1.0
Methyl ethyl ketone (MEK)	12	U	ug/Kg	1.3	12	1.0
Methyl isobutyl ketone (MIBK)	12	U	ug/Kg	1.4	12	1.0
Methyl tert-butyl ether	24	U	ug/Kg	1.1	24	1.0
Styrene	2.4	U	ug/Kg	0.32	2.4	1.0
1,1,2,2-Tetrachloroethane	2.4	U	ug/Kg	0.68	2.4	1.0
Tetrachloroethene	0.74	J	ug/Kg	0.36	2.4	1.0
Toluene	1.3	J	ug/Kg	0.38	2.4	1.0
trans-1,2-Dichloroethene	2.4	U	ug/Kg	0.47	2.4	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SS
Lab Sample ID: 680-29952-5

Date Sampled: 09/05/2007 1715
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.4	U	ug/Kg	0.42	2.4	1.0
1,2,4-Trichlorobenzene	2.4	U	ug/Kg	0.49	2.4	1.0
1,1,1-Trichloroethane	2.4	U	ug/Kg	0.28	2.4	1.0
1,1,2-Trichloroethane	2.4	U	ug/Kg	0.58	2.4	1.0
Trichloroethene	2.4	U	ug/Kg	0.49	2.4	1.0
Trichlorofluoromethane	2.4	U	ug/Kg	0.73	2.4	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.4	U	ug/Kg	0.32	2.4	1.0
1,2,4-Trimethylbenzene	2.4	U	ug/Kg	0.26	2.4	1.0
1,3,5-Trimethylbenzene	2.4	U	ug/Kg	0.42	2.4	1.0
Vinyl chloride	2.4	U	ug/Kg	0.28	2.4	1.0
Xylenes, Total	4.9	U	ug/Kg	1.1	4.9	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	96		%		65 - 124	
Dibromofluoromethane	108		%		65 - 124	
Toluene-d8 (Surr)	99		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1600	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	4.8	J	ug/Kg		1.56	1.0
Unknown	5.1	J	ug/Kg		1.68	1.0
Unknown	3.7	J	ug/Kg		1.83	1.0
Unknown	4.3	J	ug/Kg		2.12	1.0
Unknown	24	J	ug/Kg		2.40	1.0
Unknown	8.1	J	ug/Kg		2.49	1.0
Unknown Alkane	9.9	J	ug/Kg		2.64	1.0
Unknown	4.8	J	ug/Kg		3.01	1.0

Method: 8270C

Date Analyzed: 09/27/2007 1309

Prep Method: 3550B

Date Prepared: 09/19/2007 1515

Acenaphthene	360	U	ug/Kg	18	360	1.0
Acenaphthylene	360	U	ug/Kg	18	360	1.0
Acetophenone	360	U *	ug/Kg	18	360	1.0
Aniline	710	U	ug/Kg	18	710	1.0
Anthracene	360	U	ug/Kg	18	360	1.0
Atrazine	360	U	ug/Kg	18	360	1.0
Benzaldehyde	360	U	ug/Kg	46	360	1.0
Benzidine	2900	U	ug/Kg	900	2900	1.0
Benzo[a]anthracene	360	U	ug/Kg	36	360	1.0
Benzo[a]pyrene	360	U	ug/Kg	18	360	1.0
Benzo[b]fluoranthene	360	U	ug/Kg	18	360	1.0
Benzo[g,h,i]perylene	360	U	ug/Kg	26	360	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SS
Lab Sample ID: 680-29952-5

Date Sampled: 09/05/2007 1715
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[k]fluoranthene	360	U	ug/Kg	18	360	1.0
1,1'-Biphenyl	360	U	ug/Kg	18	360	1.0
Bis(2-chloroethoxy)methane	360	U	ug/Kg	18	360	1.0
Bis(2-chloroethyl)ether	360	U	ug/Kg	18	360	1.0
Bis(2-ethylhexyl) phthalate	360	U	ug/Kg	35	360	1.0
4-Bromophenyl phenyl ether	360	U	ug/Kg	18	360	1.0
Butyl benzyl phthalate	360	U	ug/Kg	18	360	1.0
Caprolactam	360	U	ug/Kg	18	360	1.0
Carbazole	360	U	ug/Kg	18	360	1.0
4-Chloroaniline	710	U	ug/Kg	18	710	1.0
4-Chloro-3-methylphenol	360	U	ug/Kg	72	360	1.0
2-Chloronaphthalene	360	U	ug/Kg	18	360	1.0
2-Chlorophenol	360	U	ug/Kg	18	360	1.0
4-Chlorophenyl phenyl ether	360	U	ug/Kg	25	360	1.0
Chrysene	360	U	ug/Kg	18	360	1.0
Dibenz(a,h)anthracene	360	U	ug/Kg	26	360	1.0
Dibenzofuran	360	U	ug/Kg	18	360	1.0
3,3'-Dichlorobenzidine	710	U	ug/Kg	18	710	1.0
2,4-Dichlorophenol	360	U	ug/Kg	180	360	1.0
Diethyl phthalate	360	U	ug/Kg	19	360	1.0
2,4-Dimethylphenol	360	U	ug/Kg	18	360	1.0
Dimethyl phthalate	360	U	ug/Kg	72	360	1.0
Di-n-butyl phthalate	360	U	ug/Kg	18	360	1.0
4,6-Dinitro-2-methylphenol	1800	U	ug/Kg	360	1800	1.0
2,4-Dinitrophenol	1800	U	ug/Kg	170	1800	1.0
2,4-Dinitrotoluene	360	U	ug/Kg	23	360	1.0
2,6-Dinitrotoluene	360	U	ug/Kg	22	360	1.0
Di-n-octyl phthalate	360	U	ug/Kg	21	360	1.0
1,4-Dioxane	360	U	ug/Kg	90	360	1.0
Fluoranthene	360	U	ug/Kg	18	360	1.0
Fluorene	360	U	ug/Kg	22	360	1.0
Hexachlorobenzene	360	U	ug/Kg	22	360	1.0
Hexachlorobutadiene	360	U	ug/Kg	23	360	1.0
Hexachlorocyclopentadiene	360	U	ug/Kg	180	360	1.0
Hexachloroethane	360	U	ug/Kg	18	360	1.0
Indeno[1,2,3-cd]pyrene	360	U	ug/Kg	31	360	1.0
Isophorone	360	U	ug/Kg	18	360	1.0
Mercaptobenzothiazole	4000	*	ug/Kg	1800	1800	1.0
2-Methylnaphthalene	360	U	ug/Kg	18	360	1.0
2-Methylphenol	360	U	ug/Kg	23	360	1.0
3 & 4 Methylphenol	360	U	ug/Kg	23	360	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SS
Lab Sample ID: 680-29952-5

Date Sampled: 09/05/2007 1715
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Naphthalene	360	U	ug/Kg	18	360	1.0
2-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
3-Nitroaniline	1800	U	ug/Kg	36	1800	1.0
4-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
Nitrobenzene	360	U	ug/Kg	18	360	1.0
2-Nitrophenol	360	U	ug/Kg	25	360	1.0
4-Nitrophenol	1800	U	ug/Kg	180	1800	1.0
N-Nitrosodimethylamine	360	U	ug/Kg	180	360	1.0
N-Nitrosodi-n-propylamine	360	U	ug/Kg	18	360	1.0
N-Nitrosodiphenylamine	360	U	ug/Kg	36	360	1.0
2,2'-oxybis[1-chloropropane]	360	U	ug/Kg	18	360	1.0
Pentachlorophenol	1800	U	ug/Kg	180	1800	1.0
Phenanthrene	360	U	ug/Kg	18	360	1.0
Phenol	360	U	ug/Kg	18	360	1.0
Pyrene	360	U	ug/Kg	18	360	1.0
2,4,5-Trichlorophenol	360	U	ug/Kg	72	360	1.0
2,4,6-Trichlorophenol	360	U	ug/Kg	72	360	1.0

Surrogate	Acceptance Limits					
2-Fluorobiphenyl	62		%		44 - 110	
2-Fluorophenol	55		%		41 - 110	
Nitrobenzene-d5	51		%		36 - 110	
Phenol-d5	53		%		43 - 110	
Terphenyl-d14	72		%		10 - 112	
2,4,6-Tribromophenol	60		%		36 - 128	

Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	9000	A J	ug/Kg		3.42	1.0
Unknown	300	J	ug/Kg		9.21	1.0
Phosphine oxide, triphenyl-	1500	J N	ug/Kg	791-28-6	10.77	1.0

Method: Soluble-8015B	Date Analyzed: 09/18/2007 0043					
Dibutyl amine	5.4	U	mg/Kg	5.4	5.4	1.0
Diethylamine	5.4	U	mg/Kg	5.4	5.4	1.0
Dimethylamine	5.4	U	mg/Kg	5.4	5.4	1.0
Dibenzylamine	5.4	U	mg/Kg	5.4	5.4	1.0

Method: 630.1	Date Analyzed: 09/21/2007 1556					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0

Method: 8015B	Date Analyzed: 09/20/2007 2014					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SS
Lab Sample ID: 680-29952-5

Date Sampled: 09/05/2007 1715
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Mineral oil	22	U	mg/Kg	22	22	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	86		%		39 - 140	
Method: 6020			Date Analyzed: 09/15/2007 1145			
Prep Method: 3050B			Date Prepared: 09/12/2007 0821			
Sodium	300	B	mg/Kg	15	51	1.0
Nickel	12		mg/Kg	0.036	0.20	1.0
Zinc	21		mg/Kg	0.65	4.0	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SS
Lab Sample ID: 680-29952-5

Date Sampled: 09/05/2007 1715
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	170 U	mg/Kg	170	170	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SO 10-11
Lab Sample ID: 680-29952-6

Date Sampled: 09/05/2007 1810
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2008		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	26	U	ug/Kg	2.2	26	1.0
Benzene	2.6	U	ug/Kg	0.40	2.6	1.0
Bromodichloromethane	2.6	U	ug/Kg	0.42	2.6	1.0
Bromoform	2.6	U	ug/Kg	0.56	2.6	1.0
Bromomethane	2.6	U	ug/Kg	0.82	2.6	1.0
Carbon disulfide	2.6	U	ug/Kg	0.26	2.6	1.0
Carbon tetrachloride	2.6	U	ug/Kg	0.51	2.6	1.0
Chlorobenzene	2.6	U	ug/Kg	0.37	2.6	1.0
Chloroethane	2.6	U	ug/Kg	0.61	2.6	1.0
Chloroform	2.6	U	ug/Kg	0.26	2.6	1.0
Chloromethane	2.6	U	ug/Kg	0.36	2.6	1.0
cis-1,2-Dichloroethene	2.6	U	ug/Kg	0.32	2.6	1.0
cis-1,3-Dichloropropene	2.6	U	ug/Kg	0.44	2.6	1.0
Cyclohexane	7.0		ug/Kg	0.31	5.1	1.0
Dibromochloromethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dibromo-3-Chloropropane	5.1	U	ug/Kg	1.4	5.1	1.0
1,2-Dibromoethane	2.6	U	ug/Kg	0.77	2.6	1.0
1,2-Dichlorobenzene	2.6	U	ug/Kg	0.33	2.6	1.0
1,3-Dichlorobenzene	2.6	U	ug/Kg	0.42	2.6	1.0
1,4-Dichlorobenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Dichlorodifluoromethane	2.6	U	ug/Kg	0.45	2.6	1.0
1,1-Dichloroethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dichloroethane	2.6	U	ug/Kg	0.51	2.6	1.0
1,1-Dichloroethene	2.6	U	ug/Kg	0.28	2.6	1.0
1,2-Dichloropropane	2.6	U	ug/Kg	0.56	2.6	1.0
Ethylbenzene	2.6	U	ug/Kg	0.38	2.6	1.0
2-Hexanone	13	U	ug/Kg	1.1	13	1.0
Isopropylbenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Methyl acetate	5.1	U	ug/Kg	1.1	5.1	1.0
Methylcyclohexane	5.1	U	ug/Kg	0.37	5.1	1.0
Methylene Chloride	2.6	U	ug/Kg	0.51	2.6	1.0
Methyl ethyl ketone (MEK)	13	U	ug/Kg	1.4	13	1.0
Methyl isobutyl ketone (MIBK)	13	U	ug/Kg	1.5	13	1.0
Methyl tert-butyl ether	26	U	ug/Kg	1.1	26	1.0
Styrene	2.6	U	ug/Kg	0.34	2.6	1.0
1,1,2,2-Tetrachloroethane	2.6	U	ug/Kg	0.71	2.6	1.0
Tetrachloroethene	7.2		ug/Kg	0.37	2.6	1.0
Toluene	1.5	J	ug/Kg	0.40	2.6	1.0
trans-1,2-Dichloroethene	2.6	U	ug/Kg	0.50	2.6	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SO 10-11
Lab Sample ID: 680-29952-6

Date Sampled: 09/05/2007 1810
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.6	U	ug/Kg	0.44	2.6	1.0
1,2,4-Trichlorobenzene	2.6	U	ug/Kg	0.51	2.6	1.0
1,1,1-Trichloroethane	2.6	U	ug/Kg	0.30	2.6	1.0
1,1,2-Trichloroethane	2.6	U	ug/Kg	0.61	2.6	1.0
Trichloroethene	2.6	U	ug/Kg	0.51	2.6	1.0
Trichlorofluoromethane	2.6	U	ug/Kg	0.77	2.6	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.6	U	ug/Kg	0.34	2.6	1.0
1,2,4-Trimethylbenzene	2.6	U	ug/Kg	0.27	2.6	1.0
1,3,5-Trimethylbenzene	2.6	U	ug/Kg	0.44	2.6	1.0
Vinyl chloride	2.6	U	ug/Kg	0.30	2.6	1.0
Xylenes, Total	5.1	U	ug/Kg	1.2	5.1	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	101		%		65 - 124	
Dibromofluoromethane	99		%		65 - 124	
Toluene-d8 (Surr)	104		%		65 - 132	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	680	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	8.3	J	ug/Kg		1.68	1.0
Unknown	7.5	J	ug/Kg		2.09	1.0
Unknown	56	J	ug/Kg		2.40	1.0
Unknown	270	J	ug/Kg		2.50	1.0
Unknown	290	J	ug/Kg		2.65	1.0
Unknown	12	J	ug/Kg		2.88	1.0
Unknown	6.8	J	ug/Kg		2.94	1.0
Unknown Alkane	140	J	ug/Kg		3.01	1.0
Method: 8270C				Date Analyzed:	09/30/2007 1242	
Prep Method: 3550B				Date Prepared:	09/19/2007 1515	
Acenaphthene	420	U	ug/Kg	22	420	1.0
Acenaphthylene	420	U	ug/Kg	22	420	1.0
Acetophenone	420	U *	ug/Kg	22	420	1.0
Aniline	850	U	ug/Kg	22	850	1.0
Anthracene	420	U	ug/Kg	22	420	1.0
Atrazine	420	U	ug/Kg	22	420	1.0
Benzaldehyde	420	U	ug/Kg	55	420	1.0
Benzidine	3500	U	ug/Kg	1100	3500	1.0
Benzo[a]anthracene	420	U	ug/Kg	42	420	1.0
Benzo[a]pyrene	420	U	ug/Kg	22	420	1.0
Benzo[b]fluoranthene	420	U	ug/Kg	22	420	1.0
Benzo[g,h,i]perylene	420	U	ug/Kg	31	420	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SO 10-11
Lab Sample ID: 680-29952-6

Date Sampled: 09/05/2007 1810
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[k]fluoranthene	420	U	ug/Kg	22	420	1.0
1,1'-Biphenyl	420	U	ug/Kg	22	420	1.0
Bis(2-chloroethoxy)methane	420	U	ug/Kg	22	420	1.0
Bis(2-chloroethyl)ether	420	U	ug/Kg	22	420	1.0
Bis(2-ethylhexyl) phthalate	420	U	ug/Kg	41	420	1.0
4-Bromophenyl phenyl ether	420	U	ug/Kg	22	420	1.0
Butyl benzyl phthalate	420	U	ug/Kg	22	420	1.0
Caprolactam	420	U	ug/Kg	22	420	1.0
Carbazole	420	U	ug/Kg	22	420	1.0
4-Chloroaniline	850	U	ug/Kg	22	850	1.0
4-Chloro-3-methylphenol	420	U	ug/Kg	86	420	1.0
2-Chloronaphthalene	420	U	ug/Kg	22	420	1.0
2-Chlorophenol	420	U	ug/Kg	22	420	1.0
4-Chlorophenyl phenyl ether	420	U	ug/Kg	30	420	1.0
Chrysene	420	U	ug/Kg	22	420	1.0
Dibenz(a,h)anthracene	420	U	ug/Kg	31	420	1.0
Dibenzofuran	420	U	ug/Kg	22	420	1.0
3,3'-Dichlorobenzidine	850	U	ug/Kg	22	850	1.0
2,4-Dichlorophenol	420	U	ug/Kg	220	420	1.0
Diethyl phthalate	420	U	ug/Kg	23	420	1.0
2,4-Dimethylphenol	420	U	ug/Kg	22	420	1.0
Dimethyl phthalate	420	U	ug/Kg	86	420	1.0
Di-n-butyl phthalate	420	U	ug/Kg	22	420	1.0
4,6-Dinitro-2-methylphenol	2200	U	ug/Kg	420	2200	1.0
2,4-Dinitrophenol	2200	U	ug/Kg	210	2200	1.0
2,4-Dinitrotoluene	420	U	ug/Kg	27	420	1.0
2,6-Dinitrotoluene	420	U	ug/Kg	26	420	1.0
Di-n-octyl phthalate	420	U	ug/Kg	24	420	1.0
1,4-Dioxane	420	U	ug/Kg	110	420	1.0
Fluoranthene	420	U	ug/Kg	22	420	1.0
Fluorene	420	U	ug/Kg	26	420	1.0
Hexachlorobenzene	420	U	ug/Kg	26	420	1.0
Hexachlorobutadiene	420	U	ug/Kg	27	420	1.0
Hexachlorocyclopentadiene	420	U	ug/Kg	220	420	1.0
Hexachloroethane	420	U	ug/Kg	22	420	1.0
Indeno[1,2,3-cd]pyrene	420	U	ug/Kg	37	420	1.0
Isophorone	420	U	ug/Kg	22	420	1.0
Mercaptobenzothiazole	2200	U *	ug/Kg	2200	2200	1.0
2-Methylnaphthalene	420	U	ug/Kg	22	420	1.0
2-Methylphenol	420	U	ug/Kg	27	420	1.0
3 & 4 Methylphenol	420	U	ug/Kg	27	420	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SO 10-11
Lab Sample ID: 680-29952-6

Date Sampled: 09/05/2007 1810
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Naphthalene	420	U	ug/Kg	22	420	1.0
2-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
3-Nitroaniline	2200	U	ug/Kg	42	2200	1.0
4-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
Nitrobenzene	420	U	ug/Kg	22	420	1.0
2-Nitrophenol	420	U	ug/Kg	30	420	1.0
4-Nitrophenol	2200	U	ug/Kg	220	2200	1.0
N-Nitrosodimethylamine	420	U	ug/Kg	220	420	1.0
N-Nitrosodi-n-propylamine	420	U	ug/Kg	22	420	1.0
N-Nitrosodiphenylamine	420	U	ug/Kg	42	420	1.0
2,2'-oxybis[1-chloropropane]	420	U	ug/Kg	22	420	1.0
Pentachlorophenol	2200	U	ug/Kg	220	2200	1.0
Phenanthrene	420	U	ug/Kg	22	420	1.0
Phenol	420	U	ug/Kg	22	420	1.0
Pyrene	420	U	ug/Kg	22	420	1.0
2,4,5-Trichlorophenol	420	U	ug/Kg	86	420	1.0
2,4,6-Trichlorophenol	420	U	ug/Kg	86	420	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	43	X	%		44 - 110	
2-Fluorophenol	53		%		41 - 110	
Nitrobenzene-d5	47		%		36 - 110	
Phenol-d5	51		%		43 - 110	
Terphenyl-d14	65		%		10 - 112	
2,4,6-Tribromophenol	57		%		36 - 128	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	12000	A J	ug/Kg		3.18	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0112					
Dibutyl amine	6.4	U	mg/Kg	6.4	6.4	1.0
Diethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dimethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dibenzylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1625					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 2026					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	25	U	mg/Kg	25	25	1.0
Surrogate	Acceptance Limits					

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SO 10-11
Lab Sample ID: 680-29952-6

Date Sampled: 09/05/2007 1810
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution	
Surrogate				Acceptance Limits		
o-Terphenyl	84	%		39 - 140		
Method: 6020			Date Analyzed:	09/15/2007 1152		
Prep Method: 3050B			Date Prepared:	09/12/2007 0821		
Sodium	760	B	mg/Kg	17	57	1.0
Nickel	54		mg/Kg	0.041	0.23	1.0
Zinc	80		mg/Kg	0.74	4.6	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-031-SO 10-11
Lab Sample ID: 680-29952-6

Date Sampled: 09/05/2007 1810
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	190 U	mg/Kg	190	190	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SS
Lab Sample ID: 680-29952-7

Date Sampled: 09/06/2007 0850
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2029		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	26	U	ug/Kg	2.3	26	1.0
Benzene	2.6	U	ug/Kg	0.41	2.6	1.0
Bromodichloromethane	2.6	U	ug/Kg	0.43	2.6	1.0
Bromoform	2.6	U	ug/Kg	0.57	2.6	1.0
Bromomethane	2.6	U	ug/Kg	0.83	2.6	1.0
Carbon disulfide	0.32	J	ug/Kg	0.26	2.6	1.0
Carbon tetrachloride	2.6	U	ug/Kg	0.52	2.6	1.0
Chlorobenzene	2.6	U	ug/Kg	0.38	2.6	1.0
Chloroethane	2.6	U	ug/Kg	0.62	2.6	1.0
Chloroform	2.6	U	ug/Kg	0.26	2.6	1.0
Chloromethane	2.6	U	ug/Kg	0.37	2.6	1.0
cis-1,2-Dichloroethene	2.6	U	ug/Kg	0.33	2.6	1.0
cis-1,3-Dichloropropene	2.6	U	ug/Kg	0.45	2.6	1.0
Cyclohexane	5.2	U	ug/Kg	0.31	5.2	1.0
Dibromochloromethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dibromo-3-Chloropropane	5.2	U	ug/Kg	1.4	5.2	1.0
1,2-Dibromoethane	2.6	U	ug/Kg	0.77	2.6	1.0
1,2-Dichlorobenzene	2.6	U	ug/Kg	0.34	2.6	1.0
1,3-Dichlorobenzene	2.6	U	ug/Kg	0.43	2.6	1.0
1,4-Dichlorobenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Dichlorodifluoromethane	2.6	U	ug/Kg	0.46	2.6	1.0
1,1-Dichloroethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dichloroethane	2.6	U	ug/Kg	0.52	2.6	1.0
1,1-Dichloroethene	2.6	U	ug/Kg	0.28	2.6	1.0
1,2-Dichloropropane	2.6	U	ug/Kg	0.57	2.6	1.0
Ethylbenzene	2.6	U	ug/Kg	0.39	2.6	1.0
2-Hexanone	13	U	ug/Kg	1.1	13	1.0
Isopropylbenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Methyl acetate	5.2	U	ug/Kg	1.1	5.2	1.0
Methylcyclohexane	5.2	U	ug/Kg	0.37	5.2	1.0
Methylene Chloride	2.6	U	ug/Kg	0.52	2.6	1.0
Methyl ethyl ketone (MEK)	13	U	ug/Kg	1.4	13	1.0
Methyl isobutyl ketone (MIBK)	13	U	ug/Kg	1.5	13	1.0
Methyl tert-butyl ether	26	U	ug/Kg	1.1	26	1.0
Styrene	2.6	U	ug/Kg	0.34	2.6	1.0
1,1,2,2-Tetrachloroethane	2.6	U	ug/Kg	0.72	2.6	1.0
Tetrachloroethene	2.6	U	ug/Kg	0.38	2.6	1.0
Toluene	1.1	J	ug/Kg	0.41	2.6	1.0
trans-1,2-Dichloroethene	2.6	U	ug/Kg	0.50	2.6	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SS
Lab Sample ID: 680-29952-7

Date Sampled: 09/06/2007 0850
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.6	U	ug/Kg	0.45	2.6	1.0
1,2,4-Trichlorobenzene	2.6	U	ug/Kg	0.52	2.6	1.0
1,1,1-Trichloroethane	2.6	U	ug/Kg	0.30	2.6	1.0
1,1,2-Trichloroethane	2.6	U	ug/Kg	0.62	2.6	1.0
Trichloroethene	2.6	U	ug/Kg	0.52	2.6	1.0
Trichlorofluoromethane	2.6	U	ug/Kg	0.77	2.6	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.6	U	ug/Kg	0.34	2.6	1.0
1,2,4-Trimethylbenzene	2.6	U	ug/Kg	0.27	2.6	1.0
1,3,5-Trimethylbenzene	2.6	U	ug/Kg	0.45	2.6	1.0
Vinyl chloride	2.6	U	ug/Kg	0.30	2.6	1.0
Xylenes, Total	5.2	U	ug/Kg	1.2	5.2	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	105		%		65 - 124	
Dibromofluoromethane	106		%		65 - 124	
Toluene-d8 (Surr)	103		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	870	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	2.8	J	ug/Kg		2.08	1.0
Unknown Alkane	7.5	J	ug/Kg		2.40	1.0
Unknown	3.9	J	ug/Kg		2.64	1.0
Unknown Alkene	22	J	ug/Kg		7.95	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1354
Date Prepared: 09/19/2007 1515

Acenaphthene	370	U	ug/Kg	19	370	1.0
Acenaphthylene	370	U	ug/Kg	19	370	1.0
Acetophenone	370	U *	ug/Kg	19	370	1.0
Aniline	740	U	ug/Kg	19	740	1.0
Anthracene	370	U	ug/Kg	19	370	1.0
Atrazine	370	U	ug/Kg	19	370	1.0
Benzaldehyde	370	U	ug/Kg	48	370	1.0
Benzidine	3000	U	ug/Kg	930	3000	1.0
Benzo[a]anthracene	370	U	ug/Kg	37	370	1.0
Benzo[a]pyrene	370	U	ug/Kg	19	370	1.0
Benzo[b]fluoranthene	370	U	ug/Kg	19	370	1.0
Benzo[g,h,i]perylene	370	U	ug/Kg	27	370	1.0
Benzo[k]fluoranthene	370	U	ug/Kg	19	370	1.0
1,1'-Biphenyl	370	U	ug/Kg	19	370	1.0
Bis(2-chloroethoxy)methane	370	U	ug/Kg	19	370	1.0
Bis(2-chloroethyl)ether	370	U	ug/Kg	19	370	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SS
Lab Sample ID: 680-29952-7

Date Sampled: 09/06/2007 0850
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Bis(2-ethylhexyl) phthalate	470	ug/Kg	36	370	1.0
4-Bromophenyl phenyl ether	370 U	ug/Kg	19	370	1.0
Butyl benzyl phthalate	370 U	ug/Kg	19	370	1.0
Caprolactam	370 U	ug/Kg	19	370	1.0
Carbazole	370 U	ug/Kg	19	370	1.0
4-Chloroaniline	740 U	ug/Kg	19	740	1.0
4-Chloro-3-methylphenol	370 U	ug/Kg	75	370	1.0
2-Chloronaphthalene	370 U	ug/Kg	19	370	1.0
2-Chlorophenol	370 U	ug/Kg	19	370	1.0
4-Chlorophenyl phenyl ether	370 U	ug/Kg	26	370	1.0
Chrysene	370 U	ug/Kg	19	370	1.0
Dibenz(a,h)anthracene	370 U	ug/Kg	27	370	1.0
Dibenzofuran	370 U	ug/Kg	19	370	1.0
3,3'-Dichlorobenzidine	740 U	ug/Kg	19	740	1.0
2,4-Dichlorophenol	370 U	ug/Kg	190	370	1.0
Diethyl phthalate	370 U	ug/Kg	20	370	1.0
2,4-Dimethylphenol	370 U	ug/Kg	19	370	1.0
Dimethyl phthalate	370 U	ug/Kg	75	370	1.0
Di-n-butyl phthalate	370 U	ug/Kg	19	370	1.0
4,6-Dinitro-2-methylphenol	1900 U	ug/Kg	370	1900	1.0
2,4-Dinitrophenol	1900 U	ug/Kg	180	1900	1.0
2,4-Dinitrotoluene	370 U	ug/Kg	24	370	1.0
2,6-Dinitrotoluene	370 U	ug/Kg	22	370	1.0
Di-n-octyl phthalate	370 U	ug/Kg	21	370	1.0
1,4-Dioxane	370 U	ug/Kg	93	370	1.0
Fluoranthene	370 U	ug/Kg	19	370	1.0
Fluorene	370 U	ug/Kg	22	370	1.0
Hexachlorobenzene	370 U	ug/Kg	22	370	1.0
Hexachlorobutadiene	370 U	ug/Kg	24	370	1.0
Hexachlorocyclopentadiene	370 U	ug/Kg	190	370	1.0
Hexachloroethane	370 U	ug/Kg	19	370	1.0
Indeno[1,2,3-cd]pyrene	370 U	ug/Kg	33	370	1.0
Isophorone	370 U	ug/Kg	19	370	1.0
Mercaptobenzothiazole	12000 *	ug/Kg	1900	1900	1.0
2-Methylnaphthalene	370 U	ug/Kg	19	370	1.0
2-Methylphenol	370 U	ug/Kg	24	370	1.0
3 & 4 Methylphenol	370 U	ug/Kg	24	370	1.0
Naphthalene	370 U	ug/Kg	19	370	1.0
2-Nitroaniline	1900 U	ug/Kg	190	1900	1.0
3-Nitroaniline	1900 U	ug/Kg	37	1900	1.0
4-Nitroaniline	1900 U	ug/Kg	190	1900	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SS
Lab Sample ID: 680-29952-7

Date Sampled: 09/06/2007 0850
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Nitrobenzene	370	U	ug/Kg	19	370	1.0
2-Nitrophenol	370	U	ug/Kg	26	370	1.0
4-Nitrophenol	1900	U	ug/Kg	190	1900	1.0
N-Nitrosodimethylamine	370	U	ug/Kg	190	370	1.0
N-Nitrosodi-n-propylamine	370	U	ug/Kg	19	370	1.0
N-Nitrosodiphenylamine	370	U	ug/Kg	37	370	1.0
2,2'-oxybis[1-chloropropane]	370	U	ug/Kg	19	370	1.0
Pentachlorophenol	1900	U	ug/Kg	190	1900	1.0
Phenanthrene	370	U	ug/Kg	19	370	1.0
Phenol	370	U	ug/Kg	19	370	1.0
Pyrene	370	U	ug/Kg	19	370	1.0
2,4,5-Trichlorophenol	370	U	ug/Kg	75	370	1.0
2,4,6-Trichlorophenol	370	U	ug/Kg	75	370	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	54		%		44 - 110	
2-Fluorophenol	44		%		41 - 110	
Nitrobenzene-d5	43		%		36 - 110	
Phenol-d5	45		%		43 - 110	
Terphenyl-d14	62		%		10 - 112	
2,4,6-Tribromophenol	52		%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	5200	A J	ug/Kg		3.42	1.0
Docosane, 11-butyl-	1500	J N	ug/Kg	13475-76-8	10.83	1.0
Unknown Alkane	1600	J	ug/Kg		11.05	1.0
Nonadecane	2300	J N	ug/Kg	629-92-5	11.12	1.0
Eicosane, 9-octyl-	2500	J N	ug/Kg	13475-77-9	11.43	1.0
Unknown Amide	1300	J	ug/Kg		11.58	1.0
Unknown Alkane	1300	J	ug/Kg		11.70	1.0
Hexacosane	1600	J N	ug/Kg	630-01-3	11.76	1.0
Bacchotricuneatin c	2100	J N	ug/Kg	66563-30-2	11.87	1.0
Unknown Ketone	2000	J	ug/Kg		11.96	1.0
Unknown Alkane	2100	J	ug/Kg		12.29	1.0
2-Methyloctadecane	2200	J N	ug/Kg	0-00-0	13.02	1.0
Unknown Alkane	2000	J	ug/Kg		13.25	1.0
Octadecane, 3-methyl-	1400	J N	ug/Kg	6561-44-0	13.56	1.0
Unknown Alkane	1500	J	ug/Kg		13.87	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0142					
Dibutyl amine	5.6	U	mg/Kg	5.6	5.6	1.0
Diethylamine	5.6	U	mg/Kg	5.6	5.6	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SS
Lab Sample ID: 680-29952-7

Date Sampled: 09/06/2007 0850
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Dimethylamine	5.6	U	mg/Kg	5.6	5.6	1.0
Dibenzylamine	5.6	U	mg/Kg	5.6	5.6	1.0
Method: 630.1			Date Analyzed: 09/21/2007 1653			
Prep Method: 630.1			Date Prepared: 09/15/2007 0900			
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B			Date Analyzed: 09/21/2007 1123			
Prep Method: 3550B			Date Prepared: 09/19/2007 2120			
Mineral oil	740		mg/Kg	90	90	4.0
Surrogate	Acceptance Limits					
o-Terphenyl	106		%	39 - 140		
Method: 6020			Date Analyzed: 09/15/2007 1159			
Prep Method: 3050B			Date Prepared: 09/12/2007 0821			
Sodium	360	B	mg/Kg	16	54	1.0
Nickel	9.0		mg/Kg	0.039	0.21	1.0
Zinc	19		mg/Kg	0.69	4.3	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SS
Lab Sample ID: 680-29952-7

Date Sampled: 09/06/2007 0850
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9038				Date Analyzed:	09/21/2007 1208	
Prep Method: 5050				Date Prepared:	09/20/2007 0900	
Total Sulfur	180	U	mg/Kg	180	180	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SO 7-8
Lab Sample ID: 680-29952-8

Date Sampled: 09/06/2007 0935
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2051		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	3.8	J	ug/Kg	2.3	26	1.0
Benzene	2.6	U	ug/Kg	0.42	2.6	1.0
Bromodichloromethane	2.6	U	ug/Kg	0.44	2.6	1.0
Bromoform	2.6	U	ug/Kg	0.58	2.6	1.0
Bromomethane	2.6	U	ug/Kg	0.84	2.6	1.0
Carbon disulfide	2.6	U	ug/Kg	0.27	2.6	1.0
Carbon tetrachloride	2.6	U	ug/Kg	0.53	2.6	1.0
Chlorobenzene	2.6	U	ug/Kg	0.38	2.6	1.0
Chloroethane	2.6	U	ug/Kg	0.63	2.6	1.0
Chloroform	2.6	U	ug/Kg	0.26	2.6	1.0
Chloromethane	2.6	U	ug/Kg	0.37	2.6	1.0
cis-1,2-Dichloroethene	2.6	U	ug/Kg	0.33	2.6	1.0
cis-1,3-Dichloropropene	2.6	U	ug/Kg	0.46	2.6	1.0
Cyclohexane	5.3	U	ug/Kg	0.32	5.3	1.0
Dibromochloromethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dibromo-3-Chloropropane	5.3	U	ug/Kg	1.5	5.3	1.0
1,2-Dibromoethane	2.6	U	ug/Kg	0.79	2.6	1.0
1,2-Dichlorobenzene	2.6	U	ug/Kg	0.34	2.6	1.0
1,3-Dichlorobenzene	2.6	U	ug/Kg	0.44	2.6	1.0
1,4-Dichlorobenzene	2.6	U	ug/Kg	0.27	2.6	1.0
Dichlorodifluoromethane	2.6	U	ug/Kg	0.47	2.6	1.0
1,1-Dichloroethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dichloroethane	2.6	U	ug/Kg	0.53	2.6	1.0
1,1-Dichloroethene	2.6	U	ug/Kg	0.28	2.6	1.0
1,2-Dichloropropane	2.6	U	ug/Kg	0.58	2.6	1.0
Ethylbenzene	2.6	U	ug/Kg	0.39	2.6	1.0
2-Hexanone	13	U	ug/Kg	1.1	13	1.0
Isopropylbenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Methyl acetate	5.3	U	ug/Kg	1.2	5.3	1.0
Methylcyclohexane	5.3	U	ug/Kg	0.38	5.3	1.0
Methylene Chloride	2.6	U	ug/Kg	0.53	2.6	1.0
Methyl ethyl ketone (MEK)	2.2	J	ug/Kg	1.4	13	1.0
Methyl isobutyl ketone (MIBK)	13	U	ug/Kg	1.5	13	1.0
Methyl tert-butyl ether	26	U	ug/Kg	1.2	26	1.0
Styrene	2.6	U	ug/Kg	0.35	2.6	1.0
1,1,2,2-Tetrachloroethane	2.6	U	ug/Kg	0.74	2.6	1.0
Tetrachloroethene	2.6	U	ug/Kg	0.38	2.6	1.0
Toluene	1.0	J	ug/Kg	0.42	2.6	1.0
trans-1,2-Dichloroethene	2.6	U	ug/Kg	0.51	2.6	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SO 7-8
Lab Sample ID: 680-29952-8

Date Sampled: 09/06/2007 0935
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.6	U	ug/Kg	0.46	2.6	1.0
1,2,4-Trichlorobenzene	2.6	U	ug/Kg	0.53	2.6	1.0
1,1,1-Trichloroethane	2.6	U	ug/Kg	0.31	2.6	1.0
1,1,2-Trichloroethane	2.6	U	ug/Kg	0.63	2.6	1.0
Trichloroethene	2.6	U	ug/Kg	0.53	2.6	1.0
Trichlorofluoromethane	2.6	U	ug/Kg	0.79	2.6	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.6	U	ug/Kg	0.35	2.6	1.0
1,2,4-Trimethylbenzene	2.6	U	ug/Kg	0.28	2.6	1.0
1,3,5-Trimethylbenzene	2.6	U	ug/Kg	0.46	2.6	1.0
Vinyl chloride	2.6	U	ug/Kg	0.31	2.6	1.0
Xylenes, Total	5.3	U	ug/Kg	1.2	5.3	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	92		%		65 - 124	
Dibromofluoromethane	107		%		65 - 124	
Toluene-d8 (Surr)	100		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1500	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	9.1	J	ug/Kg		1.15	1.0
Unknown	4.7	J	ug/Kg		1.68	1.0
Unknown	6.3	J	ug/Kg		1.83	1.0
Unknown	3.8	J	ug/Kg		1.93	1.0
Unknown	5.7	J	ug/Kg		1.99	1.0
Unknown	4.7	J	ug/Kg		2.10	1.0
Unknown	3.9	J	ug/Kg		2.26	1.0
Unknown	6.0	J	ug/Kg		2.40	1.0

Method: 8270C

Date Analyzed: 09/30/2007 1304

Prep Method: 3550B

Date Prepared: 09/19/2007 1515

Acenaphthene	430	U	ug/Kg	22	430	1.0
Acenaphthylene	430	U	ug/Kg	22	430	1.0
Acetophenone	430	U *	ug/Kg	22	430	1.0
Aniline	850	U	ug/Kg	22	850	1.0
Anthracene	430	U	ug/Kg	22	430	1.0
Atrazine	430	U	ug/Kg	22	430	1.0
Benzaldehyde	430	U	ug/Kg	56	430	1.0
Benzidine	3500	U	ug/Kg	1100	3500	1.0
Benzo[a]anthracene	430	U	ug/Kg	43	430	1.0
Benzo[a]pyrene	430	U	ug/Kg	22	430	1.0
Benzo[b]fluoranthene	430	U	ug/Kg	22	430	1.0
Benzo[g,h,i]perylene	430	U	ug/Kg	31	430	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SO 7-8
Lab Sample ID: 680-29952-8

Date Sampled: 09/06/2007 0935
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[k]fluoranthene	430	U	ug/Kg	22	430	1.0
1,1'-Biphenyl	430	U	ug/Kg	22	430	1.0
Bis(2-chloroethoxy)methane	430	U	ug/Kg	22	430	1.0
Bis(2-chloroethyl)ether	430	U	ug/Kg	22	430	1.0
Bis(2-ethylhexyl) phthalate	430	U	ug/Kg	41	430	1.0
4-Bromophenyl phenyl ether	430	U	ug/Kg	22	430	1.0
Butyl benzyl phthalate	430	U	ug/Kg	22	430	1.0
Caprolactam	430	U	ug/Kg	22	430	1.0
Carbazole	430	U	ug/Kg	22	430	1.0
4-Chloroaniline	850	U	ug/Kg	22	850	1.0
4-Chloro-3-methylphenol	430	U	ug/Kg	87	430	1.0
2-Chloronaphthalene	430	U	ug/Kg	22	430	1.0
2-Chlorophenol	430	U	ug/Kg	22	430	1.0
4-Chlorophenyl phenyl ether	430	U	ug/Kg	30	430	1.0
Chrysene	430	U	ug/Kg	22	430	1.0
Dibenz(a,h)anthracene	430	U	ug/Kg	31	430	1.0
Dibenzofuran	430	U	ug/Kg	22	430	1.0
3,3'-Dichlorobenzidine	850	U	ug/Kg	22	850	1.0
2,4-Dichlorophenol	430	U	ug/Kg	220	430	1.0
Diethyl phthalate	430	U	ug/Kg	23	430	1.0
2,4-Dimethylphenol	430	U	ug/Kg	22	430	1.0
Dimethyl phthalate	430	U	ug/Kg	87	430	1.0
Di-n-butyl phthalate	430	U	ug/Kg	22	430	1.0
4,6-Dinitro-2-methylphenol	2200	U	ug/Kg	430	2200	1.0
2,4-Dinitrophenol	2200	U	ug/Kg	210	2200	1.0
2,4-Dinitrotoluene	430	U	ug/Kg	27	430	1.0
2,6-Dinitrotoluene	430	U	ug/Kg	26	430	1.0
Di-n-octyl phthalate	430	U	ug/Kg	25	430	1.0
1,4-Dioxane	430	U	ug/Kg	110	430	1.0
Fluoranthene	430	U	ug/Kg	22	430	1.0
Fluorene	430	U	ug/Kg	26	430	1.0
Hexachlorobenzene	430	U	ug/Kg	26	430	1.0
Hexachlorobutadiene	430	U	ug/Kg	27	430	1.0
Hexachlorocyclopentadiene	430	U	ug/Kg	220	430	1.0
Hexachloroethane	430	U	ug/Kg	22	430	1.0
Indeno[1,2,3-cd]pyrene	430	U	ug/Kg	37	430	1.0
Isophorone	430	U	ug/Kg	22	430	1.0
Mercaptobenzothiazole	2200	U *	ug/Kg	2200	2200	1.0
2-Methylnaphthalene	430	U	ug/Kg	22	430	1.0
2-Methylphenol	430	U	ug/Kg	27	430	1.0
3 & 4 Methylphenol	430	U	ug/Kg	27	430	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SO 7-8
Lab Sample ID: 680-29952-8

Date Sampled: 09/06/2007 0935
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Naphthalene	430	U	ug/Kg	22	430	1.0
2-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
3-Nitroaniline	2200	U	ug/Kg	43	2200	1.0
4-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
Nitrobenzene	430	U	ug/Kg	22	430	1.0
2-Nitrophenol	430	U	ug/Kg	30	430	1.0
4-Nitrophenol	2200	U	ug/Kg	220	2200	1.0
N-Nitrosodimethylamine	430	U	ug/Kg	220	430	1.0
N-Nitrosodi-n-propylamine	430	U	ug/Kg	22	430	1.0
N-Nitrosodiphenylamine	430	U	ug/Kg	43	430	1.0
2,2'-oxybis[1-chloropropane]	430	U	ug/Kg	22	430	1.0
Pentachlorophenol	2200	U	ug/Kg	220	2200	1.0
Phenanthrene	430	U	ug/Kg	22	430	1.0
Phenol	430	U	ug/Kg	22	430	1.0
Pyrene	430	U	ug/Kg	22	430	1.0
2,4,5-Trichlorophenol	430	U	ug/Kg	87	430	1.0
2,4,6-Trichlorophenol	430	U	ug/Kg	87	430	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	36	X	%		44 - 110	
2-Fluorophenol	44		%		41 - 110	
Nitrobenzene-d5	39		%		36 - 110	
Phenol-d5	43		%		43 - 110	
Terphenyl-d14	48		%		10 - 112	
2,4,6-Tribromophenol	49		%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	9700	A J	ug/Kg		3.18	1.0
Butyl hexadecanoate	190	J N	ug/Kg	0-00-0	9.60	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0211					
Dibutyl amine	6.5	U	mg/Kg	6.5	6.5	1.0
Diethylamine	6.5	U	mg/Kg	6.5	6.5	1.0
Dimethylamine	6.5	U	mg/Kg	6.5	6.5	1.0
Dibenzylamine	6.5	U	mg/Kg	6.5	6.5	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1722					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 2052					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	26	U	mg/Kg	26	26	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SO 7-8
Lab Sample ID: 680-29952-8

Date Sampled: 09/06/2007 0935
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate	Acceptance Limits					
o-Terphenyl	76		%		39 - 140	
Method: 6020			Date Analyzed:	09/15/2007	1206	
Prep Method: 3050B			Date Prepared:	09/12/2007	0821	
Sodium	950	B	mg/Kg	19	62	1.0
Nickel	53		mg/Kg	0.045	0.25	1.0
Zinc	83		mg/Kg	0.80	5.0	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-024-SO 7-8
Lab Sample ID: 680-29952-8

Date Sampled: 09/06/2007 0935
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	200 U	mg/Kg	200	200	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SS
Lab Sample ID: 680-29952-9

Date Sampled: 09/06/2007 1040
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2112		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	3.8	J	ug/Kg	2.5	28	1.0
Benzene	2.8	U	ug/Kg	0.45	2.8	1.0
Bromodichloromethane	2.8	U	ug/Kg	0.47	2.8	1.0
Bromoform	2.8	U	ug/Kg	0.62	2.8	1.0
Bromomethane	2.8	U	ug/Kg	0.91	2.8	1.0
Carbon disulfide	8.6		ug/Kg	0.29	2.8	1.0
Carbon tetrachloride	2.8	U	ug/Kg	0.57	2.8	1.0
Chlorobenzene	2.8	U	ug/Kg	0.41	2.8	1.0
Chloroethane	2.8	U	ug/Kg	0.68	2.8	1.0
Chloroform	2.8	U	ug/Kg	0.28	2.8	1.0
Chloromethane	2.8	U	ug/Kg	0.40	2.8	1.0
cis-1,2-Dichloroethene	2.8	U	ug/Kg	0.36	2.8	1.0
cis-1,3-Dichloropropene	2.8	U	ug/Kg	0.49	2.8	1.0
Cyclohexane	5.7	U	ug/Kg	0.34	5.7	1.0
Dibromochloromethane	2.8	U	ug/Kg	0.28	2.8	1.0
1,2-Dibromo-3-Chloropropane	5.7	U	ug/Kg	1.6	5.7	1.0
1,2-Dibromoethane	2.8	U	ug/Kg	0.85	2.8	1.0
1,2-Dichlorobenzene	2.8	U	ug/Kg	0.37	2.8	1.0
1,3-Dichlorobenzene	2.8	U	ug/Kg	0.47	2.8	1.0
1,4-Dichlorobenzene	2.8	U	ug/Kg	0.29	2.8	1.0
Dichlorodifluoromethane	2.8	U	ug/Kg	0.51	2.8	1.0
1,1-Dichloroethane	2.8	U	ug/Kg	0.28	2.8	1.0
1,2-Dichloroethane	2.8	U	ug/Kg	0.57	2.8	1.0
1,1-Dichloroethene	2.8	U	ug/Kg	0.31	2.8	1.0
1,2-Dichloropropane	2.8	U	ug/Kg	0.62	2.8	1.0
Ethylbenzene	2.8	U	ug/Kg	0.43	2.8	1.0
2-Hexanone	14	U	ug/Kg	1.2	14	1.0
Isopropylbenzene	2.8	U	ug/Kg	0.28	2.8	1.0
Methyl acetate	5.7	U	ug/Kg	1.2	5.7	1.0
Methylcyclohexane	5.7	U	ug/Kg	0.41	5.7	1.0
Methylene Chloride	2.8	U	ug/Kg	0.57	2.8	1.0
Methyl ethyl ketone (MEK)	14	U	ug/Kg	1.5	14	1.0
Methyl isobutyl ketone (MIBK)	14	U	ug/Kg	1.6	14	1.0
Methyl tert-butyl ether	28	U	ug/Kg	1.2	28	1.0
Styrene	2.8	U	ug/Kg	0.37	2.8	1.0
1,1,2,2-Tetrachloroethane	2.8	U	ug/Kg	0.80	2.8	1.0
Tetrachloroethene	2.8	U	ug/Kg	0.41	2.8	1.0
Toluene	0.46	J	ug/Kg	0.45	2.8	1.0
trans-1,2-Dichloroethene	2.8	U	ug/Kg	0.55	2.8	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SS
Lab Sample ID: 680-29952-9

Date Sampled: 09/06/2007 1040
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.8	U	ug/Kg	0.49	2.8	1.0
1,2,4-Trichlorobenzene	2.8	U	ug/Kg	0.57	2.8	1.0
1,1,1-Trichloroethane	2.8	U	ug/Kg	0.33	2.8	1.0
1,1,2-Trichloroethane	2.8	U	ug/Kg	0.68	2.8	1.0
Trichloroethene	2.8	U	ug/Kg	0.57	2.8	1.0
Trichlorofluoromethane	2.8	U	ug/Kg	0.85	2.8	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.8	U	ug/Kg	0.37	2.8	1.0
1,2,4-Trimethylbenzene	2.8	U	ug/Kg	0.30	2.8	1.0
1,3,5-Trimethylbenzene	2.8	U	ug/Kg	0.49	2.8	1.0
Vinyl chloride	2.8	U	ug/Kg	0.33	2.8	1.0
Xylenes, Total	5.7	U	ug/Kg	1.3	5.7	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	95		%		65 - 124	
Dibromofluoromethane	104		%		65 - 124	
Toluene-d8 (Surr)	98		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1800	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	8.0	J	ug/Kg		1.17	1.0
Unknown	3.4	J	ug/Kg		1.35	1.0
Unknown	3.6	J	ug/Kg		1.48	1.0
Unknown	5.3	J	ug/Kg		1.83	1.0
Unknown	4.5	J	ug/Kg		1.99	1.0
Unknown	3.1	J	ug/Kg		2.15	1.0
Unknown	3.4	J	ug/Kg		2.35	1.0
Unknown Alkane	4.0	J	ug/Kg		2.40	1.0

Method: 8270C

Date Analyzed: 09/27/2007 1439

Prep Method: 3550B

Date Prepared: 09/19/2007 1515

Acenaphthene	41000	U	ug/Kg	2100	41000	100
Acenaphthylene	41000	U	ug/Kg	2100	41000	100
Acetophenone	41000	U *	ug/Kg	2100	41000	100
Aniline	83000	U	ug/Kg	2100	83000	100
Anthracene	41000	U	ug/Kg	2100	41000	100
Atrazine	41000	U	ug/Kg	2100	41000	100
Benzaldehyde	41000	U	ug/Kg	5400	41000	100
Benzidine	340000	U	ug/Kg	100000	340000	100
Benzo[a]anthracene	41000	U	ug/Kg	4100	41000	100
Benzo[a]pyrene	41000	U	ug/Kg	2100	41000	100
Benzo[b]fluoranthene	41000	U	ug/Kg	2100	41000	100
Benzo[g,h,i]perylene	41000	U	ug/Kg	3000	41000	100

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SS
Lab Sample ID: 680-29952-9

Date Sampled: 09/06/2007 1040
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[k]fluoranthene	41000	U	ug/Kg	2100	41000	100
1,1'-Biphenyl	41000	U	ug/Kg	2100	41000	100
Bis(2-chloroethoxy)methane	41000	U	ug/Kg	2100	41000	100
Bis(2-chloroethyl)ether	41000	U	ug/Kg	2100	41000	100
Bis(2-ethylhexyl) phthalate	41000	U	ug/Kg	4000	41000	100
4-Bromophenyl phenyl ether	41000	U	ug/Kg	2100	41000	100
Butyl benzyl phthalate	41000	U	ug/Kg	2100	41000	100
Caprolactam	41000	U	ug/Kg	2100	41000	100
Carbazole	41000	U	ug/Kg	2100	41000	100
4-Chloroaniline	83000	U	ug/Kg	2100	83000	100
4-Chloro-3-methylphenol	41000	U	ug/Kg	8400	41000	100
2-Chloronaphthalene	41000	U	ug/Kg	2100	41000	100
2-Chlorophenol	41000	U	ug/Kg	2100	41000	100
4-Chlorophenyl phenyl ether	41000	U	ug/Kg	2900	41000	100
Chrysene	41000	U	ug/Kg	2100	41000	100
Dibenz(a,h)anthracene	41000	U	ug/Kg	3000	41000	100
Dibenzofuran	41000	U	ug/Kg	2100	41000	100
3,3'-Dichlorobenzidine	83000	U	ug/Kg	2100	83000	100
2,4-Dichlorophenol	41000	U	ug/Kg	21000	41000	100
Diethyl phthalate	41000	U	ug/Kg	2300	41000	100
2,4-Dimethylphenol	41000	U	ug/Kg	2100	41000	100
Dimethyl phthalate	41000	U	ug/Kg	8400	41000	100
Di-n-butyl phthalate	41000	U	ug/Kg	2100	41000	100
4,6-Dinitro-2-methylphenol	210000	U	ug/Kg	41000	210000	100
2,4-Dinitrophenol	210000	U	ug/Kg	20000	210000	100
2,4-Dinitrotoluene	41000	U	ug/Kg	2600	41000	100
2,6-Dinitrotoluene	41000	U	ug/Kg	2500	41000	100
Di-n-octyl phthalate	41000	U	ug/Kg	2400	41000	100
1,4-Dioxane	41000	U	ug/Kg	10000	41000	100
Fluoranthene	41000	U	ug/Kg	2100	41000	100
Fluorene	41000	U	ug/Kg	2500	41000	100
Hexachlorobenzene	41000	U	ug/Kg	2500	41000	100
Hexachlorobutadiene	41000	U	ug/Kg	2600	41000	100
Hexachlorocyclopentadiene	41000	U	ug/Kg	21000	41000	100
Hexachloroethane	41000	U	ug/Kg	2100	41000	100
Indeno[1,2,3-cd]pyrene	41000	U	ug/Kg	3600	41000	100
Isophorone	41000	U	ug/Kg	2100	41000	100
Mercaptobenzothiazole	900000	*	ug/Kg	210000	210000	100
2-Methylnaphthalene	41000	U	ug/Kg	2100	41000	100
2-Methylphenol	41000	U	ug/Kg	2600	41000	100
3 & 4 Methylphenol	41000	U	ug/Kg	2600	41000	100

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SS
Lab Sample ID: 680-29952-9

Date Sampled: 09/06/2007 1040
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Naphthalene	41000	U	ug/Kg	2100	41000	100
2-Nitroaniline	210000	U	ug/Kg	21000	210000	100
3-Nitroaniline	210000	U	ug/Kg	4100	210000	100
4-Nitroaniline	210000	U	ug/Kg	21000	210000	100
Nitrobenzene	41000	U	ug/Kg	2100	41000	100
2-Nitrophenol	41000	U	ug/Kg	2900	41000	100
4-Nitrophenol	210000	U	ug/Kg	21000	210000	100
N-Nitrosodimethylamine	41000	U	ug/Kg	21000	41000	100
N-Nitrosodi-n-propylamine	41000	U	ug/Kg	2100	41000	100
N-Nitrosodiphenylamine	41000	U	ug/Kg	4100	41000	100
2,2'-oxybis[1-chloropropane]	41000	U	ug/Kg	2100	41000	100
Pentachlorophenol	210000	U	ug/Kg	21000	210000	100
Phenanthrene	41000	U	ug/Kg	2100	41000	100
Phenol	41000	U	ug/Kg	2100	41000	100
Pyrene	41000	U	ug/Kg	2100	41000	100
2,4,5-Trichlorophenol	41000	U	ug/Kg	8400	41000	100
2,4,6-Trichlorophenol	41000	U	ug/Kg	8400	41000	100
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	0	D	%		44 - 110	
2-Fluorophenol	0	D	%		41 - 110	
Nitrobenzene-d5	0	D	%		36 - 110	
Phenol-d5	0	D	%		43 - 110	
Terphenyl-d14	0	D	%		10 - 112	
2,4,6-Tribromophenol	0	D	%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown	120000	J	ug/Kg		10.11	100
Unknown	46000	J	ug/Kg		10.32	100
Unknown Amide	58000	J	ug/Kg		10.37	100
Unknown	96000	J	ug/Kg		10.77	100
Unknown Ketone	69000	J	ug/Kg		10.80	100
Unknown	46000	J	ug/Kg		11.12	100
Unknown Alkane	86000	J	ug/Kg		11.32	100
Unknown Ketone	62000	J	ug/Kg		11.52	100
Unknown	53000	J	ug/Kg		11.91	100
Unknown	64000	J	ug/Kg		11.94	100
Unknown Amide	45000	J	ug/Kg		12.12	100
Unknown Amide	43000	J	ug/Kg		12.82	100
Unknown	39000	J	ug/Kg		13.38	100
Unknown	48000	J	ug/Kg		13.92	100
Unknown	50000	J	ug/Kg		14.61	100

Mr. Bruce Yare
Solutia Inc.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SS
Lab Sample ID: 680-29952-9

Date Sampled: 09/06/2007 1040
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: Soluble-8015B			Date Analyzed:	09/18/2007 0241		
Dibutyl amine	6.3	U	mg/Kg	6.3	6.3	1.0
Diethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dimethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dibenzylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Method: 630.1			Date Analyzed:	09/21/2007 1751		
Prep Method: 630.1			Date Prepared:	09/15/2007 0900		
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B			Date Analyzed:	09/21/2007 1136		
Prep Method: 3550B			Date Prepared:	09/19/2007 2120		
Mineral oil	1800		mg/Kg	250	250	10
Surrogate	Acceptance Limits					
o-Terphenyl	0	D	%	39 - 140		
Method: 6020			Date Analyzed:	09/15/2007 1213		
Prep Method: 3050B			Date Prepared:	09/12/2007 0821		
Sodium	1000	B	mg/Kg	17	58	1.0
Nickel	43		mg/Kg	0.042	0.23	1.0
Method: 6020			Date Analyzed:	09/16/2007 0216		
Prep Method: 3050B			Date Prepared:	09/12/2007 0821		
Zinc	230		mg/Kg	3.7	23	5.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SS
Lab Sample ID: 680-29952-9

Date Sampled: 09/06/2007 1040
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	750	mg/Kg	200	200	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SO 11-12
Lab Sample ID: 680-29952-10

Date Sampled: 09/06/2007 1145
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed: 09/16/2007 2133			
Acetone	63	U	ug/Kg	5.6	63	1.0
Benzene	6.3	U	ug/Kg	1.0	6.3	1.0
Bromodichloromethane	6.3	U	ug/Kg	1.0	6.3	1.0
Bromoform	6.3	U	ug/Kg	1.4	6.3	1.0
Bromomethane	6.3	U	ug/Kg	2.0	6.3	1.0
Carbon disulfide	2.5	J	ug/Kg	0.65	6.3	1.0
Carbon tetrachloride	6.3	U	ug/Kg	1.3	6.3	1.0
Chlorobenzene	6.3	U	ug/Kg	0.92	6.3	1.0
Chloroethane	6.3	U	ug/Kg	1.5	6.3	1.0
Chloroform	6.3	U	ug/Kg	0.63	6.3	1.0
Chloromethane	6.3	U	ug/Kg	0.90	6.3	1.0
cis-1,2-Dichloroethene	6.3	U	ug/Kg	0.80	6.3	1.0
cis-1,3-Dichloropropene	6.3	U	ug/Kg	1.1	6.3	1.0
Cyclohexane	13	U	ug/Kg	0.76	13	1.0
Dibromochloromethane	6.3	U	ug/Kg	0.63	6.3	1.0
1,2-Dibromo-3-Chloropropane	13	U	ug/Kg	3.5	13	1.0
1,2-Dibromoethane	6.3	U	ug/Kg	1.9	6.3	1.0
1,2-Dichlorobenzene	6.3	U	ug/Kg	0.82	6.3	1.0
1,3-Dichlorobenzene	6.3	U	ug/Kg	1.0	6.3	1.0
1,4-Dichlorobenzene	6.3	U	ug/Kg	0.65	6.3	1.0
Dichlorodifluoromethane	6.3	U	ug/Kg	1.1	6.3	1.0
1,1-Dichloroethane	6.3	U	ug/Kg	0.63	6.3	1.0
1,2-Dichloroethane	6.3	U	ug/Kg	1.3	6.3	1.0
1,1-Dichloroethene	6.3	U	ug/Kg	0.68	6.3	1.0
1,2-Dichloropropane	6.3	U	ug/Kg	1.4	6.3	1.0
Ethylbenzene	6.3	U	ug/Kg	0.95	6.3	1.0
2-Hexanone	32	U	ug/Kg	2.7	32	1.0
Isopropylbenzene	6.3	U	ug/Kg	0.63	6.3	1.0
Methyl acetate	13	U	ug/Kg	2.8	13	1.0
Methylcyclohexane	13	U	ug/Kg	0.91	13	1.0
Methylene Chloride	6.3	U	ug/Kg	1.3	6.3	1.0
Methyl ethyl ketone (MEK)	32	U	ug/Kg	3.4	32	1.0
Methyl isobutyl ketone (MIBK)	32	U	ug/Kg	3.7	32	1.0
Methyl tert-butyl ether	63	U	ug/Kg	2.8	63	1.0
Styrene	6.3	U	ug/Kg	0.83	6.3	1.0
1,1,2,2-Tetrachloroethane	6.3	U	ug/Kg	1.8	6.3	1.0
Tetrachloroethene	6.3	U	ug/Kg	0.92	6.3	1.0
Toluene	6.7		ug/Kg	1.0	6.3	1.0
trans-1,2-Dichloroethene	6.3	U	ug/Kg	1.2	6.3	1.0
trans-1,3-Dichloropropene	6.3	U	ug/Kg	1.1	6.3	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SO 11-12
Lab Sample ID: 680-29952-10

Date Sampled: 09/06/2007 1145
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,2,4-Trichlorobenzene	6.3	U	ug/Kg	1.3	6.3	1.0
1,1,1-Trichloroethane	6.3	U	ug/Kg	0.73	6.3	1.0
1,1,2-Trichloroethane	6.3	U	ug/Kg	1.5	6.3	1.0
Trichloroethene	6.3	U	ug/Kg	1.3	6.3	1.0
Trichlorofluoromethane	6.3	U	ug/Kg	1.9	6.3	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	U	ug/Kg	0.83	6.3	1.0
1,2,4-Trimethylbenzene	6.3	U	ug/Kg	0.67	6.3	1.0
1,3,5-Trimethylbenzene	6.3	U	ug/Kg	1.1	6.3	1.0
Vinyl chloride	6.3	U	ug/Kg	0.73	6.3	1.0
Xylenes, Total	13	U	ug/Kg	2.9	13	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	92		%		65 - 124	
Dibromofluoromethane	102		%		65 - 124	
Toluene-d8 (Surr)	103		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1900	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	7.0	J	ug/Kg		1.16	1.0
Unknown	7.9	J	ug/Kg		2.19	1.0
Unknown Alkene	45	J	ug/Kg		7.95	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1501

Date Prepared: 09/19/2007 1515

Acenaphthene	410	U	ug/Kg	21	410	1.0
Acenaphthylene	410	U	ug/Kg	21	410	1.0
Acetophenone	410	U *	ug/Kg	21	410	1.0
Aniline	830	U	ug/Kg	21	830	1.0
Anthracene	410	U	ug/Kg	21	410	1.0
Atrazine	410	U	ug/Kg	21	410	1.0
Benzaldehyde	410	U	ug/Kg	54	410	1.0
Benzidine	3400	U	ug/Kg	1000	3400	1.0
Benzo[a]anthracene	410	U	ug/Kg	41	410	1.0
Benzo[a]pyrene	410	U	ug/Kg	21	410	1.0
Benzo[b]fluoranthene	410	U	ug/Kg	21	410	1.0
Benzo[g,h,i]perylene	410	U	ug/Kg	30	410	1.0
Benzo[k]fluoranthene	410	U	ug/Kg	21	410	1.0
1,1'-Biphenyl	410	U	ug/Kg	21	410	1.0
Bis(2-chloroethoxy)methane	410	U	ug/Kg	21	410	1.0
Bis(2-chloroethyl)ether	410	U	ug/Kg	21	410	1.0
Bis(2-ethylhexyl) phthalate	410	U	ug/Kg	40	410	1.0
4-Bromophenyl phenyl ether	410	U	ug/Kg	21	410	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SO 11-12
Lab Sample ID: 680-29952-10

Date Sampled: 09/06/2007 1145
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Butyl benzyl phthalate	410	U	ug/Kg	21	410	1.0
Caprolactam	410	U	ug/Kg	21	410	1.0
Carbazole	410	U	ug/Kg	21	410	1.0
4-Chloroaniline	830	U	ug/Kg	21	830	1.0
4-Chloro-3-methylphenol	410	U	ug/Kg	84	410	1.0
2-Chloronaphthalene	410	U	ug/Kg	21	410	1.0
2-Chlorophenol	410	U	ug/Kg	21	410	1.0
4-Chlorophenyl phenyl ether	410	U	ug/Kg	29	410	1.0
Chrysene	410	U	ug/Kg	21	410	1.0
Dibenz(a,h)anthracene	410	U	ug/Kg	30	410	1.0
Dibenzofuran	410	U	ug/Kg	21	410	1.0
3,3'-Dichlorobenzidine	830	U	ug/Kg	21	830	1.0
2,4-Dichlorophenol	410	U	ug/Kg	210	410	1.0
Diethyl phthalate	410	U	ug/Kg	23	410	1.0
2,4-Dimethylphenol	410	U	ug/Kg	21	410	1.0
Dimethyl phthalate	410	U	ug/Kg	84	410	1.0
Di-n-butyl phthalate	410	U	ug/Kg	21	410	1.0
4,6-Dinitro-2-methylphenol	2100	U	ug/Kg	410	2100	1.0
2,4-Dinitrophenol	2100	U	ug/Kg	200	2100	1.0
2,4-Dinitrotoluene	410	U	ug/Kg	26	410	1.0
2,6-Dinitrotoluene	410	U	ug/Kg	25	410	1.0
Di-n-octyl phthalate	410	U	ug/Kg	24	410	1.0
1,4-Dioxane	410	U	ug/Kg	100	410	1.0
Fluoranthene	410	U	ug/Kg	21	410	1.0
Fluorene	410	U	ug/Kg	25	410	1.0
Hexachlorobenzene	410	U	ug/Kg	25	410	1.0
Hexachlorobutadiene	410	U	ug/Kg	26	410	1.0
Hexachlorocyclopentadiene	410	U	ug/Kg	210	410	1.0
Hexachloroethane	410	U	ug/Kg	21	410	1.0
Indeno[1,2,3-cd]pyrene	410	U	ug/Kg	36	410	1.0
Isophorone	410	U	ug/Kg	21	410	1.0
Mercaptobenzothiazole	4900	*	ug/Kg	2100	2100	1.0
2-Methylnaphthalene	410	U	ug/Kg	21	410	1.0
2-Methylphenol	410	U	ug/Kg	26	410	1.0
3 & 4 Methylphenol	410	U	ug/Kg	26	410	1.0
Naphthalene	410	U	ug/Kg	21	410	1.0
2-Nitroaniline	2100	U	ug/Kg	210	2100	1.0
3-Nitroaniline	2100	U	ug/Kg	41	2100	1.0
4-Nitroaniline	2100	U	ug/Kg	210	2100	1.0
Nitrobenzene	410	U	ug/Kg	21	410	1.0
2-Nitrophenol	410	U	ug/Kg	29	410	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SO 11-12
Lab Sample ID: 680-29952-10

Date Sampled: 09/06/2007 1145
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Nitrophenol	2100	U	ug/Kg	210	2100	1.0
N-Nitrosodimethylamine	410	U	ug/Kg	210	410	1.0
N-Nitrosodi-n-propylamine	410	U	ug/Kg	21	410	1.0
N-Nitrosodiphenylamine	410	U	ug/Kg	41	410	1.0
2,2'-oxybis[1-chloropropane]	410	U	ug/Kg	21	410	1.0
Pentachlorophenol	2100	U	ug/Kg	210	2100	1.0
Phenanthrene	410	U	ug/Kg	21	410	1.0
Phenol	410	U	ug/Kg	21	410	1.0
Pyrene	410	U	ug/Kg	21	410	1.0
2,4,5-Trichlorophenol	410	U	ug/Kg	84	410	1.0
2,4,6-Trichlorophenol	410	U	ug/Kg	84	410	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	60		%		44 - 110	
2-Fluorophenol	56		%		41 - 110	
Nitrobenzene-d5	54		%		36 - 110	
Phenol-d5	57		%		43 - 110	
Terphenyl-d14	68		%		10 - 112	
2,4,6-Tribromophenol	60		%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	11000	A J	ug/Kg		3.42	1.0
Unknown	270	J	ug/Kg		10.11	1.0
Unknown	200	J	ug/Kg		10.31	1.0
Unknown	180	J	ug/Kg		12.81	1.0
Unknown Organic Acid	280	J	ug/Kg		13.04	1.0
Unknown	240	J	ug/Kg		13.39	1.0
Unknown	180	J	ug/Kg		13.42	1.0
Method: Soluble-8015B				Date Analyzed:	09/18/2007 0310	
Dibutyl amine	6.3	U	mg/Kg	6.3	6.3	1.0
Diethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dimethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dibenzylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Method: 630.1				Date Analyzed:	09/21/2007 1820	
Prep Method: 630.1				Date Prepared:	09/15/2007 0900	
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B				Date Analyzed:	09/20/2007 2131	
Prep Method: 3550B				Date Prepared:	09/19/2007 2120	
Mineral oil	25	U	mg/Kg	25	25	1.0
Surrogate	Acceptance Limits					

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SO 11-12
Lab Sample ID: 680-29952-10

Date Sampled: 09/06/2007 1145
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits		
o-Terphenyl	92		%		39 - 140	
Method: 6020			Date Analyzed:	09/15/2007	1220	
Prep Method: 3050B			Date Prepared:	09/12/2007	0821	
Sodium	1100	B	mg/Kg	17	56	1.0
Nickel	55		mg/Kg	0.040	0.22	1.0
Zinc	87		mg/Kg	0.72	4.5	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-025-SO 11-12
Lab Sample ID: 680-29952-10

Date Sampled: 09/06/2007 1145
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	230	mg/Kg	200	200	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2154		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	28	U	ug/Kg	2.4	28	1.0
Benzene	2.8	U	ug/Kg	0.44	2.8	1.0
Bromodichloromethane	2.8	U	ug/Kg	0.46	2.8	1.0
Bromoform	2.8	U	ug/Kg	0.61	2.8	1.0
Bromomethane	2.8	U	ug/Kg	0.89	2.8	1.0
Carbon disulfide	2.8	U	ug/Kg	0.28	2.8	1.0
Carbon tetrachloride	2.8	U	ug/Kg	0.55	2.8	1.0
Chlorobenzene	2.8	U	ug/Kg	0.41	2.8	1.0
Chloroethane	2.8	U	ug/Kg	0.67	2.8	1.0
Chloroform	2.8	U	ug/Kg	0.28	2.8	1.0
Chloromethane	2.8	U	ug/Kg	0.39	2.8	1.0
cis-1,2-Dichloroethene	2.8	U	ug/Kg	0.35	2.8	1.0
cis-1,3-Dichloropropene	2.8	U	ug/Kg	0.48	2.8	1.0
Cyclohexane	5.5	U	ug/Kg	0.33	5.5	1.0
Dibromochloromethane	2.8	U	ug/Kg	0.28	2.8	1.0
1,2-Dibromo-3-Chloropropane	5.5	U	ug/Kg	1.6	5.5	1.0
1,2-Dibromoethane	2.8	U	ug/Kg	0.83	2.8	1.0
1,2-Dichlorobenzene	2.8	U	ug/Kg	0.36	2.8	1.0
1,3-Dichlorobenzene	2.8	U	ug/Kg	0.46	2.8	1.0
1,4-Dichlorobenzene	2.8	U	ug/Kg	0.28	2.8	1.0
Dichlorodifluoromethane	2.8	U	ug/Kg	0.49	2.8	1.0
1,1-Dichloroethane	2.8	U	ug/Kg	0.28	2.8	1.0
1,2-Dichloroethane	2.8	U	ug/Kg	0.55	2.8	1.0
1,1-Dichloroethene	2.8	U	ug/Kg	0.30	2.8	1.0
1,2-Dichloropropane	2.8	U	ug/Kg	0.61	2.8	1.0
Ethylbenzene	2.8	U	ug/Kg	0.42	2.8	1.0
2-Hexanone	14	U	ug/Kg	1.2	14	1.0
Isopropylbenzene	2.8	U	ug/Kg	0.28	2.8	1.0
Methyl acetate	5.5	U	ug/Kg	1.2	5.5	1.0
Methylcyclohexane	5.5	U	ug/Kg	0.40	5.5	1.0
Methylene Chloride	2.8	U	ug/Kg	0.55	2.8	1.0
Methyl ethyl ketone (MEK)	14	U	ug/Kg	1.5	14	1.0
Methyl isobutyl ketone (MIBK)	14	U	ug/Kg	1.6	14	1.0
Methyl tert-butyl ether	28	U	ug/Kg	1.2	28	1.0
Styrene	2.8	U	ug/Kg	0.37	2.8	1.0
1,1,2,2-Tetrachloroethane	2.8	U	ug/Kg	0.78	2.8	1.0
Tetrachloroethene	2.8	U	ug/Kg	0.41	2.8	1.0
Toluene	0.46	J	ug/Kg	0.44	2.8	1.0
trans-1,2-Dichloroethene	2.8	U	ug/Kg	0.54	2.8	1.0

Mr. Bruce Yare
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Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.8	U	ug/Kg	0.48	2.8	1.0
1,2,4-Trichlorobenzene	2.8	U	ug/Kg	0.55	2.8	1.0
1,1,1-Trichloroethane	2.8	U	ug/Kg	0.32	2.8	1.0
1,1,2-Trichloroethane	2.8	U	ug/Kg	0.67	2.8	1.0
Trichloroethene	2.8	U	ug/Kg	0.55	2.8	1.0
Trichlorofluoromethane	2.8	U	ug/Kg	0.83	2.8	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.8	U	ug/Kg	0.37	2.8	1.0
1,2,4-Trimethylbenzene	2.8	U	ug/Kg	0.29	2.8	1.0
1,3,5-Trimethylbenzene	2.8	U	ug/Kg	0.48	2.8	1.0
Vinyl chloride	2.8	U	ug/Kg	0.32	2.8	1.0
Xylenes, Total	5.5	U	ug/Kg	1.3	5.5	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	97		%		65 - 124	
Dibromofluoromethane	107		%		65 - 124	
Toluene-d8 (Surr)	105		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1100	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	6.1	J	ug/Kg		1.46	1.0
Unknown	4.4	J	ug/Kg		1.56	1.0
Unknown	13	J	ug/Kg		1.95	1.0
Unknown	6.0	J	ug/Kg		2.12	1.0
Unknown	9.3	J	ug/Kg		2.34	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1524

Date Prepared: 09/19/2007 1515

Acenaphthene	410	U	ug/Kg	21	410	1.0
Acenaphthylene	410	U	ug/Kg	21	410	1.0
Acetophenone	410	U *	ug/Kg	21	410	1.0
Aniline	830	U	ug/Kg	21	830	1.0
Anthracene	410	U	ug/Kg	21	410	1.0
Atrazine	410	U	ug/Kg	21	410	1.0
Benzaldehyde	410	U	ug/Kg	54	410	1.0
Benzidine	3400	U	ug/Kg	1000	3400	1.0
Benzo[a]anthracene	410	U	ug/Kg	41	410	1.0
Benzo[a]pyrene	410	U	ug/Kg	21	410	1.0
Benzo[b]fluoranthene	410	U	ug/Kg	21	410	1.0
Benzo[g,h,i]perylene	410	U	ug/Kg	30	410	1.0
Benzo[k]fluoranthene	410	U	ug/Kg	21	410	1.0
1,1'-Biphenyl	410	U	ug/Kg	21	410	1.0
Bis(2-chloroethoxy)methane	410	U	ug/Kg	21	410	1.0

Mr. Bruce Yare
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575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-chloroethyl)ether	410	U	ug/Kg	21	410	1.0
Bis(2-ethylhexyl) phthalate	410	U	ug/Kg	40	410	1.0
4-Bromophenyl phenyl ether	410	U	ug/Kg	21	410	1.0
Butyl benzyl phthalate	410	U	ug/Kg	21	410	1.0
Caprolactam	410	U	ug/Kg	21	410	1.0
Carbazole	410	U	ug/Kg	21	410	1.0
4-Chloroaniline	830	U	ug/Kg	21	830	1.0
4-Chloro-3-methylphenol	410	U	ug/Kg	84	410	1.0
2-Chloronaphthalene	410	U	ug/Kg	21	410	1.0
2-Chlorophenol	410	U	ug/Kg	21	410	1.0
4-Chlorophenyl phenyl ether	410	U	ug/Kg	29	410	1.0
Chrysene	410	U	ug/Kg	21	410	1.0
Dibenz(a,h)anthracene	410	U	ug/Kg	30	410	1.0
Dibenzofuran	410	U	ug/Kg	21	410	1.0
3,3'-Dichlorobenzidine	830	U	ug/Kg	21	830	1.0
2,4-Dichlorophenol	410	U	ug/Kg	210	410	1.0
Diethyl phthalate	410	U	ug/Kg	23	410	1.0
2,4-Dimethylphenol	410	U	ug/Kg	21	410	1.0
Dimethyl phthalate	410	U	ug/Kg	84	410	1.0
Di-n-butyl phthalate	410	U	ug/Kg	21	410	1.0
4,6-Dinitro-2-methylphenol	2100	U	ug/Kg	410	2100	1.0
2,4-Dinitrophenol	2100	U	ug/Kg	200	2100	1.0
2,4-Dinitrotoluene	410	U	ug/Kg	26	410	1.0
2,6-Dinitrotoluene	410	U	ug/Kg	25	410	1.0
Di-n-octyl phthalate	410	U	ug/Kg	24	410	1.0
1,4-Dioxane	410	U	ug/Kg	100	410	1.0
Fluoranthene	410	U	ug/Kg	21	410	1.0
Fluorene	410	U	ug/Kg	25	410	1.0
Hexachlorobenzene	410	U	ug/Kg	25	410	1.0
Hexachlorobutadiene	410	U	ug/Kg	26	410	1.0
Hexachlorocyclopentadiene	410	U	ug/Kg	210	410	1.0
Hexachloroethane	410	U	ug/Kg	21	410	1.0
Indeno[1,2,3-cd]pyrene	410	U	ug/Kg	36	410	1.0
Isophorone	410	U	ug/Kg	21	410	1.0
Mercaptobenzothiazole	2100	U *	ug/Kg	2100	2100	1.0
2-Methylnaphthalene	410	U	ug/Kg	21	410	1.0
2-Methylphenol	410	U	ug/Kg	26	410	1.0
3 & 4 Methylphenol	410	U	ug/Kg	26	410	1.0
Naphthalene	410	U	ug/Kg	21	410	1.0
2-Nitroaniline	2100	U	ug/Kg	210	2100	1.0
3-Nitroaniline	2100	U	ug/Kg	41	2100	1.0

Mr. Bruce Yare
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575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Nitroaniline	2100	U	ug/Kg	210	2100	1.0
Nitrobenzene	410	U	ug/Kg	21	410	1.0
2-Nitrophenol	410	U	ug/Kg	29	410	1.0
4-Nitrophenol	2100	U	ug/Kg	210	2100	1.0
N-Nitrosodimethylamine	410	U	ug/Kg	210	410	1.0
N-Nitrosodi-n-propylamine	410	U	ug/Kg	21	410	1.0
N-Nitrosodiphenylamine	410	U	ug/Kg	41	410	1.0
2,2'-oxybis[1-chloropropane]	410	U	ug/Kg	21	410	1.0
Pentachlorophenol	2100	U	ug/Kg	210	2100	1.0
Phenanthrene	410	U	ug/Kg	21	410	1.0
Phenol	410	U	ug/Kg	21	410	1.0
Pyrene	410	U	ug/Kg	21	410	1.0
2,4,5-Trichlorophenol	410	U	ug/Kg	84	410	1.0
2,4,6-Trichlorophenol	410	U	ug/Kg	84	410	1.0

Surrogate

Acceptance Limits

2-Fluorobiphenyl	40	X	%		44 - 110	
2-Fluorophenol	35	X	%		41 - 110	
Nitrobenzene-d5	30	X	%		36 - 110	
Phenol-d5	38	X	%		43 - 110	
Terphenyl-d14	55		%		10 - 112	
2,4,6-Tribromophenol	43		%		36 - 128	

Tentatively Identified Compounds

Cas Number

RT

Unknown Aldol Condensate	7500	A J	ug/Kg		3.42	1.0
Phosphine oxide, triphenyl-	1100	J N	ug/Kg	791-28-6	10.77	1.0

Method: 8270C **Run Type:** RE

Date Analyzed: 10/03/2007 1721

Prep Method: 3550B

Date Prepared: 10/02/2007 1945

Acenaphthene	420	U H	ug/Kg	21	420	1.0
Acenaphthylene	420	U H	ug/Kg	21	420	1.0
Acetophenone	420	U H *	ug/Kg	21	420	1.0
Aniline	830	U H	ug/Kg	21	830	1.0
Anthracene	420	U H	ug/Kg	21	420	1.0
Atrazine	420	U H	ug/Kg	21	420	1.0
Benzaldehyde	420	U H	ug/Kg	54	420	1.0
Benzidine	3400	U H	ug/Kg	1000	3400	1.0
Benzo[a]anthracene	420	U H	ug/Kg	42	420	1.0
Benzo[a]pyrene	420	U H	ug/Kg	21	420	1.0
Benzo[b]fluoranthene	420	U H	ug/Kg	21	420	1.0
Benzo[g,h,i]perylene	420	U H	ug/Kg	30	420	1.0
Benzo[k]fluoranthene	420	U H	ug/Kg	21	420	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,1'-Biphenyl	420	U H	ug/Kg	21	420	1.0
Bis(2-chloroethoxy)methane	420	U H	ug/Kg	21	420	1.0
Bis(2-chloroethyl)ether	420	U H	ug/Kg	21	420	1.0
Bis(2-ethylhexyl) phthalate	420	U H	ug/Kg	40	420	1.0
4-Bromophenyl phenyl ether	420	U H	ug/Kg	21	420	1.0
Butyl benzyl phthalate	420	U H	ug/Kg	21	420	1.0
Caprolactam	420	U H	ug/Kg	21	420	1.0
Carbazole	420	U H	ug/Kg	21	420	1.0
4-Chloroaniline	830	U H	ug/Kg	21	830	1.0
4-Chloro-3-methylphenol	420	U H	ug/Kg	85	420	1.0
2-Chloronaphthalene	420	U H	ug/Kg	21	420	1.0
2-Chlorophenol	420	U H	ug/Kg	21	420	1.0
4-Chlorophenyl phenyl ether	420	U H	ug/Kg	29	420	1.0
Chrysene	420	U H	ug/Kg	21	420	1.0
Dibenz(a,h)anthracene	420	U H	ug/Kg	30	420	1.0
Dibenzofuran	420	U H	ug/Kg	21	420	1.0
3,3'-Dichlorobenzidine	830	U H	ug/Kg	21	830	1.0
2,4-Dichlorophenol	420	U H	ug/Kg	210	420	1.0
Diethyl phthalate	420	U H	ug/Kg	23	420	1.0
2,4-Dimethylphenol	420	U H	ug/Kg	21	420	1.0
Dimethyl phthalate	420	U H	ug/Kg	85	420	1.0
Di-n-butyl phthalate	420	U H	ug/Kg	21	420	1.0
4,6-Dinitro-2-methylphenol	2100	U H	ug/Kg	420	2100	1.0
2,4-Dinitrophenol	2100	U H	ug/Kg	200	2100	1.0
2,4-Dinitrotoluene	420	U H	ug/Kg	27	420	1.0
2,6-Dinitrotoluene	420	U H	ug/Kg	25	420	1.0
Di-n-octyl phthalate	420	U H	ug/Kg	24	420	1.0
1,4-Dioxane	420	U H	ug/Kg	100	420	1.0
Fluoranthene	420	U H	ug/Kg	21	420	1.0
Fluorene	420	U H	ug/Kg	25	420	1.0
Hexachlorobenzene	420	U H	ug/Kg	25	420	1.0
Hexachlorobutadiene	420	U H	ug/Kg	27	420	1.0
Hexachlorocyclopentadiene	420	U H	ug/Kg	210	420	1.0
Hexachloroethane	420	U H	ug/Kg	21	420	1.0
Indeno[1,2,3-cd]pyrene	420	U H	ug/Kg	37	420	1.0
Isophorone	420	U H	ug/Kg	21	420	1.0
Mercaptobenzothiazole	2100	U H *	ug/Kg	2100	2100	1.0
2-Methylnaphthalene	420	U H	ug/Kg	21	420	1.0
2-Methylphenol	420	U H	ug/Kg	27	420	1.0
3 & 4 Methylphenol	420	U H	ug/Kg	27	420	1.0
Naphthalene	420	U H	ug/Kg	21	420	1.0

Mr. Bruce Yare
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Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Nitroaniline	2100	U H	ug/Kg	210	2100	1.0
3-Nitroaniline	2100	U H	ug/Kg	42	2100	1.0
4-Nitroaniline	2100	U H	ug/Kg	210	2100	1.0
Nitrobenzene	420	U H	ug/Kg	21	420	1.0
2-Nitrophenol	420	U H	ug/Kg	29	420	1.0
4-Nitrophenol	2100	U H	ug/Kg	210	2100	1.0
N-Nitrosodimethylamine	420	U H	ug/Kg	210	420	1.0
N-Nitrosodi-n-propylamine	420	U H	ug/Kg	21	420	1.0
N-Nitrosodiphenylamine	420	U H	ug/Kg	42	420	1.0
2,2'-oxybis[1-chloropropane]	420	U H	ug/Kg	21	420	1.0
Pentachlorophenol	2100	U H	ug/Kg	210	2100	1.0
Phenanthrene	420	U H	ug/Kg	21	420	1.0
Phenol	420	U H	ug/Kg	21	420	1.0
Pyrene	420	U H	ug/Kg	21	420	1.0
2,4,5-Trichlorophenol	420	U H	ug/Kg	85	420	1.0
2,4,6-Trichlorophenol	420	U H	ug/Kg	85	420	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	44		%		44 - 110	
2-Fluorophenol	53		%		41 - 110	
Nitrobenzene-d5	46		%		36 - 110	
Phenol-d5	54		%		43 - 110	
Terphenyl-d14	88		%		10 - 112	
2,4,6-Tribromophenol	69		%		36 - 128	
Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	19000	A H J	ug/Kg		3.17	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0340					
Dibutyl amine	6.3	U	mg/Kg	6.3	6.3	1.0
Diethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dimethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dibenzylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1348					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	8.0		mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 2143					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	25	U	mg/Kg	25	25	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	83		%		39 - 140	

Mr. Bruce Yare
Solutia Inc.
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Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 6020				Date Analyzed:	09/15/2007 1226	
Prep Method: 3050B				Date Prepared:	09/12/2007 0821	
Sodium	290	B	mg/Kg	18	61	1.0
Nickel	32		mg/Kg	0.044	0.24	1.0
Zinc	55		mg/Kg	0.78	4.9	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SS
Lab Sample ID: 680-29952-11

Date Sampled: 09/06/2007 1215
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	210 U	mg/Kg	210	210	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SO 8-9
Lab Sample ID: 680-29952-12

Date Sampled: 09/06/2007 1240
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed: 09/16/2007 2215			
Acetone	61	U	ug/Kg	5.3	61	1.0
Benzene	6.1	U	ug/Kg	0.96	6.1	1.0
Bromodichloromethane	6.1	U	ug/Kg	1.0	6.1	1.0
Bromoform	6.1	U	ug/Kg	1.3	6.1	1.0
Bromomethane	6.1	U	ug/Kg	1.9	6.1	1.0
Carbon disulfide	6.1	U	ug/Kg	0.62	6.1	1.0
Carbon tetrachloride	6.1	U	ug/Kg	1.2	6.1	1.0
Chlorobenzene	6.1	U	ug/Kg	0.89	6.1	1.0
Chloroethane	6.1	U	ug/Kg	1.5	6.1	1.0
Chloroform	6.1	U	ug/Kg	0.61	6.1	1.0
Chloromethane	6.1	U	ug/Kg	0.86	6.1	1.0
cis-1,2-Dichloroethene	6.1	U	ug/Kg	0.77	6.1	1.0
cis-1,3-Dichloropropene	6.1	U	ug/Kg	1.1	6.1	1.0
Cyclohexane	12	U	ug/Kg	0.73	12	1.0
Dibromochloromethane	6.1	U	ug/Kg	0.61	6.1	1.0
1,2-Dibromo-3-Chloropropane	12	U	ug/Kg	3.4	12	1.0
1,2-Dibromoethane	6.1	U	ug/Kg	1.8	6.1	1.0
1,2-Dichlorobenzene	6.1	U	ug/Kg	0.79	6.1	1.0
1,3-Dichlorobenzene	6.1	U	ug/Kg	1.0	6.1	1.0
1,4-Dichlorobenzene	6.1	U	ug/Kg	0.62	6.1	1.0
Dichlorodifluoromethane	6.1	U	ug/Kg	1.1	6.1	1.0
1,1-Dichloroethane	6.1	U	ug/Kg	0.61	6.1	1.0
1,2-Dichloroethane	6.1	U	ug/Kg	1.2	6.1	1.0
1,1-Dichloroethene	6.1	U	ug/Kg	0.66	6.1	1.0
1,2-Dichloropropane	6.1	U	ug/Kg	1.3	6.1	1.0
Ethylbenzene	6.1	U	ug/Kg	0.91	6.1	1.0
2-Hexanone	30	U	ug/Kg	2.6	30	1.0
Isopropylbenzene	6.1	U	ug/Kg	0.61	6.1	1.0
Methyl acetate	12	U	ug/Kg	2.7	12	1.0
Methylcyclohexane	12	U	ug/Kg	0.88	12	1.0
Methylene Chloride	6.1	U	ug/Kg	1.2	6.1	1.0
Methyl ethyl ketone (MEK)	30	U	ug/Kg	3.3	30	1.0
Methyl isobutyl ketone (MIBK)	30	U	ug/Kg	3.5	30	1.0
Methyl tert-butyl ether	61	U	ug/Kg	2.7	61	1.0
Styrene	6.1	U	ug/Kg	0.80	6.1	1.0
1,1,2,2-Tetrachloroethane	6.1	U	ug/Kg	1.7	6.1	1.0
Tetrachloroethene	6.1	U	ug/Kg	0.89	6.1	1.0
Toluene	5.4	J	ug/Kg	0.96	6.1	1.0
trans-1,2-Dichloroethene	6.1	U	ug/Kg	1.2	6.1	1.0
trans-1,3-Dichloropropene	6.1	U	ug/Kg	1.1	6.1	1.0

Mr. Bruce Yare
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575 Maryville Centre Dr.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SO 8-9
Lab Sample ID: 680-29952-12

Date Sampled: 09/06/2007 1240
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,2,4-Trichlorobenzene	6.1	U	ug/Kg	1.2	6.1	1.0
1,1,1-Trichloroethane	6.1	U	ug/Kg	0.71	6.1	1.0
1,1,2-Trichloroethane	6.1	U	ug/Kg	1.5	6.1	1.0
Trichloroethene	6.1	U	ug/Kg	1.2	6.1	1.0
Trichlorofluoromethane	6.1	U	ug/Kg	1.8	6.1	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U	ug/Kg	0.80	6.1	1.0
1,2,4-Trimethylbenzene	6.1	U	ug/Kg	0.64	6.1	1.0
1,3,5-Trimethylbenzene	6.1	U	ug/Kg	1.1	6.1	1.0
Vinyl chloride	6.1	U	ug/Kg	0.71	6.1	1.0
Xylenes, Total	12	U	ug/Kg	2.8	12	1.0

Surrogate

Acceptance Limits

4-Bromofluorobenzene	92		%		65 - 124	
Dibromofluoromethane	103		%		65 - 124	
Toluene-d8 (Surr)	101		%		65 - 132	

Tentatively Identified Compounds

Cas Number

RT

Carbon Dioxide	1900	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	9.2	J	ug/Kg		1.40	1.0
Unknown	12	J	ug/Kg		1.45	1.0
Unknown	8.8	J	ug/Kg		1.64	1.0
Unknown	7.8	J	ug/Kg		1.81	1.0
Unknown	15	J	ug/Kg		2.00	1.0
Unknown	11	J	ug/Kg		2.14	1.0
Unknown	18	J	ug/Kg		2.19	1.0
Unknown	9.5	J	ug/Kg		2.35	1.0

Method: 8270C

Date Analyzed: 09/27/2007 1547

Prep Method: 3550B

Date Prepared: 09/19/2007 1515

Acenaphthene	400	U	ug/Kg	21	400	1.0
Acenaphthylene	400	U	ug/Kg	21	400	1.0
Acetophenone	400	U *	ug/Kg	21	400	1.0
Aniline	800	U	ug/Kg	21	800	1.0
Anthracene	400	U	ug/Kg	21	400	1.0
Atrazine	400	U	ug/Kg	21	400	1.0
Benzaldehyde	400	U	ug/Kg	52	400	1.0
Benzidine	3300	U	ug/Kg	1000	3300	1.0
Benzo[a]anthracene	400	U	ug/Kg	40	400	1.0
Benzo[a]pyrene	400	U	ug/Kg	21	400	1.0
Benzo[b]fluoranthene	400	U	ug/Kg	21	400	1.0
Benzo[g,h,i]perylene	400	U	ug/Kg	29	400	1.0
Benzo[k]fluoranthene	400	U	ug/Kg	21	400	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SO 8-9
Lab Sample ID: 680-29952-12

Date Sampled: 09/06/2007 1240
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,1'-Biphenyl	400	U	ug/Kg	21	400	1.0
Bis(2-chloroethoxy)methane	400	U	ug/Kg	21	400	1.0
Bis(2-chloroethyl)ether	400	U	ug/Kg	21	400	1.0
Bis(2-ethylhexyl) phthalate	400	U	ug/Kg	39	400	1.0
4-Bromophenyl phenyl ether	400	U	ug/Kg	21	400	1.0
Butyl benzyl phthalate	400	U	ug/Kg	21	400	1.0
Caprolactam	400	U	ug/Kg	21	400	1.0
Carbazole	400	U	ug/Kg	21	400	1.0
4-Chloroaniline	800	U	ug/Kg	21	800	1.0
4-Chloro-3-methylphenol	400	U	ug/Kg	81	400	1.0
2-Chloronaphthalene	400	U	ug/Kg	21	400	1.0
2-Chlorophenol	400	U	ug/Kg	21	400	1.0
4-Chlorophenyl phenyl ether	400	U	ug/Kg	28	400	1.0
Chrysene	400	U	ug/Kg	21	400	1.0
Dibenz(a,h)anthracene	400	U	ug/Kg	29	400	1.0
Dibenzofuran	400	U	ug/Kg	21	400	1.0
3,3'-Dichlorobenzidine	800	U	ug/Kg	21	800	1.0
2,4-Dichlorophenol	400	U	ug/Kg	210	400	1.0
Diethyl phthalate	400	U	ug/Kg	22	400	1.0
2,4-Dimethylphenol	400	U	ug/Kg	21	400	1.0
Dimethyl phthalate	400	U	ug/Kg	81	400	1.0
Di-n-butyl phthalate	400	U	ug/Kg	21	400	1.0
4,6-Dinitro-2-methylphenol	2100	U	ug/Kg	400	2100	1.0
2,4-Dinitrophenol	2100	U	ug/Kg	190	2100	1.0
2,4-Dinitrotoluene	400	U	ug/Kg	25	400	1.0
2,6-Dinitrotoluene	400	U	ug/Kg	24	400	1.0
Di-n-octyl phthalate	400	U	ug/Kg	23	400	1.0
1,4-Dioxane	400	U	ug/Kg	100	400	1.0
Fluoranthene	400	U	ug/Kg	21	400	1.0
Fluorene	400	U	ug/Kg	24	400	1.0
Hexachlorobenzene	400	U	ug/Kg	24	400	1.0
Hexachlorobutadiene	400	U	ug/Kg	25	400	1.0
Hexachlorocyclopentadiene	400	U	ug/Kg	210	400	1.0
Hexachloroethane	400	U	ug/Kg	21	400	1.0
Indeno[1,2,3-cd]pyrene	400	U	ug/Kg	35	400	1.0
Isophorone	400	U	ug/Kg	21	400	1.0
Mercaptobenzothiazole	2100	U *	ug/Kg	2100	2100	1.0
2-Methylnaphthalene	400	U	ug/Kg	21	400	1.0
2-Methylphenol	400	U	ug/Kg	25	400	1.0
3 & 4 Methylphenol	400	U	ug/Kg	25	400	1.0
Naphthalene	400	U	ug/Kg	21	400	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SO 8-9
Lab Sample ID: 680-29952-12

Date Sampled: 09/06/2007 1240
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Nitroaniline	2100	U	ug/Kg	210	2100	1.0
3-Nitroaniline	2100	U	ug/Kg	40	2100	1.0
4-Nitroaniline	2100	U	ug/Kg	210	2100	1.0
Nitrobenzene	400	U	ug/Kg	21	400	1.0
2-Nitrophenol	400	U	ug/Kg	28	400	1.0
4-Nitrophenol	2100	U	ug/Kg	210	2100	1.0
N-Nitrosodimethylamine	400	U	ug/Kg	210	400	1.0
N-Nitrosodi-n-propylamine	400	U	ug/Kg	21	400	1.0
N-Nitrosodiphenylamine	400	U	ug/Kg	40	400	1.0
2,2'-oxybis[1-chloropropane]	400	U	ug/Kg	21	400	1.0
Pentachlorophenol	2100	U	ug/Kg	210	2100	1.0
Phenanthrene	400	U	ug/Kg	21	400	1.0
Phenol	400	U	ug/Kg	21	400	1.0
Pyrene	400	U	ug/Kg	21	400	1.0
2,4,5-Trichlorophenol	400	U	ug/Kg	81	400	1.0
2,4,6-Trichlorophenol	400	U	ug/Kg	81	400	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	56		%		44 - 110	
2-Fluorophenol	53		%		41 - 110	
Nitrobenzene-d5	52		%		36 - 110	
Phenol-d5	53		%		43 - 110	
Terphenyl-d14	66		%		10 - 112	
2,4,6-Tribromophenol	56		%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	9900	A J	ug/Kg		3.42	1.0
Phosphine oxide, triphenyl-	940	J N	ug/Kg	791-28-6	10.77	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0409					
Dibutyl amine	6.1	U	mg/Kg	6.1	6.1	1.0
Diethylamine	6.1	U	mg/Kg	6.1	6.1	1.0
Dimethylamine	6.1	U	mg/Kg	6.1	6.1	1.0
Dibenzylamine	6.1	U	mg/Kg	6.1	6.1	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1417					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 2156					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	24	U	mg/Kg	24	24	1.0
Surrogate	Acceptance Limits					

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SO 8-9
Lab Sample ID: 680-29952-12

Date Sampled: 09/06/2007 1240
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
o-Terphenyl	81	%		39 - 140	
Method: 6020				Date Analyzed: 09/15/2007 1233	
Prep Method: 3050B				Date Prepared: 09/12/2007 0821	
Sodium	740	B	mg/Kg	17	57 1.0
Nickel	54		mg/Kg	0.041	0.23 1.0
Zinc	79		mg/Kg	0.73	4.6 1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-021-SO 8-9
Lab Sample ID: 680-29952-12

Date Sampled: 09/06/2007 1240
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	200 U	mg/Kg	200	200	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SS
Lab Sample ID: 680-29952-13

Date Sampled: 09/06/2007 1520
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2236		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	26	U	ug/Kg	2.3	26	1.0
Benzene	2.6	U	ug/Kg	0.41	2.6	1.0
Bromodichloromethane	2.6	U	ug/Kg	0.44	2.6	1.0
Bromoform	2.6	U	ug/Kg	0.58	2.6	1.0
Bromomethane	2.6	U	ug/Kg	0.84	2.6	1.0
Carbon disulfide	2.6	U	ug/Kg	0.27	2.6	1.0
Carbon tetrachloride	2.6	U	ug/Kg	0.52	2.6	1.0
Chlorobenzene	2.6	U	ug/Kg	0.38	2.6	1.0
Chloroethane	2.6	U	ug/Kg	0.63	2.6	1.0
Chloroform	2.6	U	ug/Kg	0.26	2.6	1.0
Chloromethane	2.6	U	ug/Kg	0.37	2.6	1.0
cis-1,2-Dichloroethene	2.6	U	ug/Kg	0.33	2.6	1.0
cis-1,3-Dichloropropene	2.6	U	ug/Kg	0.46	2.6	1.0
Cyclohexane	5.2	U	ug/Kg	0.31	5.2	1.0
Dibromochloromethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dibromo-3-Chloropropane	5.2	U	ug/Kg	1.5	5.2	1.0
1,2-Dibromoethane	2.6	U	ug/Kg	0.79	2.6	1.0
1,2-Dichlorobenzene	2.6	U	ug/Kg	0.34	2.6	1.0
1,3-Dichlorobenzene	2.6	U	ug/Kg	0.44	2.6	1.0
1,4-Dichlorobenzene	2.6	U	ug/Kg	0.27	2.6	1.0
Dichlorodifluoromethane	2.6	U	ug/Kg	0.47	2.6	1.0
1,1-Dichloroethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dichloroethane	2.6	U	ug/Kg	0.52	2.6	1.0
1,1-Dichloroethene	2.6	U	ug/Kg	0.28	2.6	1.0
1,2-Dichloropropane	2.6	U	ug/Kg	0.58	2.6	1.0
Ethylbenzene	2.6	U	ug/Kg	0.39	2.6	1.0
2-Hexanone	13	U	ug/Kg	1.1	13	1.0
Isopropylbenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Methyl acetate	5.2	U	ug/Kg	1.2	5.2	1.0
Methylcyclohexane	5.2	U	ug/Kg	0.38	5.2	1.0
Methylene Chloride	2.6	U	ug/Kg	0.52	2.6	1.0
Methyl ethyl ketone (MEK)	13	U	ug/Kg	1.4	13	1.0
Methyl isobutyl ketone (MIBK)	13	U	ug/Kg	1.5	13	1.0
Methyl tert-butyl ether	26	U	ug/Kg	1.2	26	1.0
Styrene	2.6	U	ug/Kg	0.35	2.6	1.0
1,1,2,2-Tetrachloroethane	2.6	U	ug/Kg	0.73	2.6	1.0
Tetrachloroethene	2.6	U	ug/Kg	0.38	2.6	1.0
Toluene	2.6	U	ug/Kg	0.41	2.6	1.0
trans-1,2-Dichloroethene	2.6	U	ug/Kg	0.51	2.6	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SS
Lab Sample ID: 680-29952-13

Date Sampled: 09/06/2007 1520
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.6	U	ug/Kg	0.46	2.6	1.0
1,2,4-Trichlorobenzene	2.6	U	ug/Kg	0.52	2.6	1.0
1,1,1-Trichloroethane	2.6	U	ug/Kg	0.30	2.6	1.0
1,1,2-Trichloroethane	2.6	U	ug/Kg	0.63	2.6	1.0
Trichloroethene	2.6	U	ug/Kg	0.52	2.6	1.0
Trichlorofluoromethane	2.6	U	ug/Kg	0.79	2.6	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.6	U	ug/Kg	0.35	2.6	1.0
1,2,4-Trimethylbenzene	2.6	U	ug/Kg	0.28	2.6	1.0
1,3,5-Trimethylbenzene	2.6	U	ug/Kg	0.46	2.6	1.0
Vinyl chloride	2.6	U	ug/Kg	0.30	2.6	1.0
Xylenes, Total	5.2	U	ug/Kg	1.2	5.2	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	92		%		65 - 124	
Dibromofluoromethane	104		%		65 - 124	
Toluene-d8 (Surr)	101		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1100	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	2.7	J	ug/Kg		1.16	1.0
Unknown	5.6	J	ug/Kg		1.96	1.0
Unknown	3.0	J	ug/Kg		2.11	1.0
Unknown	3.7	J	ug/Kg		2.26	1.0
Unknown	3.4	J	ug/Kg		2.35	1.0
Unknown Alkene	20	J	ug/Kg		7.95	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1609
Date Prepared: 09/19/2007 1515

Acenaphthene	380	U	ug/Kg	19	380	1.0
Acenaphthylene	380	U	ug/Kg	19	380	1.0
Acetophenone	380	U *	ug/Kg	19	380	1.0
Aniline	750	U	ug/Kg	19	750	1.0
Anthracene	380	U	ug/Kg	19	380	1.0
Atrazine	380	U	ug/Kg	19	380	1.0
Benzaldehyde	380	U	ug/Kg	49	380	1.0
Benzidine	3100	U	ug/Kg	950	3100	1.0
Benzo[a]anthracene	380	U	ug/Kg	38	380	1.0
Benzo[a]pyrene	380	U	ug/Kg	19	380	1.0
Benzo[b]fluoranthene	380	U	ug/Kg	19	380	1.0
Benzo[g,h,i]perylene	380	U	ug/Kg	27	380	1.0
Benzo[k]fluoranthene	380	U	ug/Kg	19	380	1.0
1,1'-Biphenyl	380	U	ug/Kg	19	380	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SS
Lab Sample ID: 680-29952-13

Date Sampled: 09/06/2007 1520
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-chloroethoxy)methane	380	U	ug/Kg	19	380	1.0
Bis(2-chloroethyl)ether	380	U	ug/Kg	19	380	1.0
Bis(2-ethylhexyl) phthalate	56	J	ug/Kg	36	380	1.0
4-Bromophenyl phenyl ether	380	U	ug/Kg	19	380	1.0
Butyl benzyl phthalate	380	U	ug/Kg	19	380	1.0
Caprolactam	380	U	ug/Kg	19	380	1.0
Carbazole	380	U	ug/Kg	19	380	1.0
4-Chloroaniline	750	U	ug/Kg	19	750	1.0
4-Chloro-3-methylphenol	380	U	ug/Kg	76	380	1.0
2-Chloronaphthalene	380	U	ug/Kg	19	380	1.0
2-Chlorophenol	380	U	ug/Kg	19	380	1.0
4-Chlorophenyl phenyl ether	380	U	ug/Kg	26	380	1.0
Chrysene	380	U	ug/Kg	19	380	1.0
Dibenz(a,h)anthracene	380	U	ug/Kg	27	380	1.0
Dibenzofuran	380	U	ug/Kg	19	380	1.0
3,3'-Dichlorobenzidine	750	U	ug/Kg	19	750	1.0
2,4-Dichlorophenol	380	U	ug/Kg	190	380	1.0
Diethyl phthalate	380	U	ug/Kg	21	380	1.0
2,4-Dimethylphenol	380	U	ug/Kg	19	380	1.0
Dimethyl phthalate	380	U	ug/Kg	76	380	1.0
Di-n-butyl phthalate	380	U	ug/Kg	19	380	1.0
4,6-Dinitro-2-methylphenol	1900	U	ug/Kg	380	1900	1.0
2,4-Dinitrophenol	1900	U	ug/Kg	180	1900	1.0
2,4-Dinitrotoluene	380	U	ug/Kg	24	380	1.0
2,6-Dinitrotoluene	380	U	ug/Kg	23	380	1.0
Di-n-octyl phthalate	380	U	ug/Kg	22	380	1.0
1,4-Dioxane	380	U	ug/Kg	95	380	1.0
Fluoranthene	380	U	ug/Kg	19	380	1.0
Fluorene	380	U	ug/Kg	23	380	1.0
Hexachlorobenzene	380	U	ug/Kg	23	380	1.0
Hexachlorobutadiene	380	U	ug/Kg	24	380	1.0
Hexachlorocyclopentadiene	380	U	ug/Kg	190	380	1.0
Hexachloroethane	380	U	ug/Kg	19	380	1.0
Indeno[1,2,3-cd]pyrene	380	U	ug/Kg	33	380	1.0
Isophorone	380	U	ug/Kg	19	380	1.0
Mercaptobenzothiazole	4100	*	ug/Kg	1900	1900	1.0
2-Methylnaphthalene	380	U	ug/Kg	19	380	1.0
2-Methylphenol	380	U	ug/Kg	24	380	1.0
3 & 4 Methylphenol	380	U	ug/Kg	24	380	1.0
Naphthalene	380	U	ug/Kg	19	380	1.0
2-Nitroaniline	1900	U	ug/Kg	190	1900	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SS
Lab Sample ID: 680-29952-13

Date Sampled: 09/06/2007 1520
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
3-Nitroaniline	1900	U	ug/Kg	38	1900	1.0
4-Nitroaniline	1900	U	ug/Kg	190	1900	1.0
Nitrobenzene	380	U	ug/Kg	19	380	1.0
2-Nitrophenol	380	U	ug/Kg	26	380	1.0
4-Nitrophenol	1900	U	ug/Kg	190	1900	1.0
N-Nitrosodimethylamine	380	U	ug/Kg	190	380	1.0
N-Nitrosodi-n-propylamine	380	U	ug/Kg	19	380	1.0
N-Nitrosodiphenylamine	380	U	ug/Kg	38	380	1.0
2,2'-oxybis[1-chloropropane]	380	U	ug/Kg	19	380	1.0
Pentachlorophenol	1900	U	ug/Kg	190	1900	1.0
Phenanthrene	380	U	ug/Kg	19	380	1.0
Phenol	380	U	ug/Kg	19	380	1.0
Pyrene	380	U	ug/Kg	19	380	1.0
2,4,5-Trichlorophenol	380	U	ug/Kg	76	380	1.0
2,4,6-Trichlorophenol	380	U	ug/Kg	76	380	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	62		%		44 - 110	
2-Fluorophenol	57		%		41 - 110	
Nitrobenzene-d5	56		%		36 - 110	
Phenol-d5	57		%		43 - 110	
Terphenyl-d14	67		%		10 - 112	
2,4,6-Tribromophenol	63		%		36 - 128	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	9700	A J	ug/Kg		3.43	1.0
Unknown Organic Acid	590	J	ug/Kg		10.11	1.0
Unknown	310	J	ug/Kg		10.77	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0439					
Dibutyl amine	5.7	U	mg/Kg	5.7	5.7	1.0
Diethylamine	5.7	U	mg/Kg	5.7	5.7	1.0
Dimethylamine	5.7	U	mg/Kg	5.7	5.7	1.0
Dibenzylamine	5.7	U	mg/Kg	5.7	5.7	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1445					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 2209					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	23	U	mg/Kg	23	23	1.0
Surrogate	Acceptance Limits					

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SS
Lab Sample ID: 680-29952-13

Date Sampled: 09/06/2007 1520
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate	Acceptance Limits					
o-Terphenyl	79		%		39 - 140	
Method: 6020			Date Analyzed:	09/15/2007	1240	
Prep Method: 3050B			Date Prepared:	09/12/2007	0821	
Sodium	200	B	mg/Kg	15	51	1.0
Nickel	38		mg/Kg	0.036	0.20	1.0
Zinc	87		mg/Kg	0.65	4.0	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SS
Lab Sample ID: 680-29952-13

Date Sampled: 09/06/2007 1520
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	170 U	mg/Kg	170	170	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11
Lab Sample ID: 680-29952-14

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2258		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	27	U	ug/Kg	2.4	27	1.0
Benzene	2.7	U	ug/Kg	0.43	2.7	1.0
Bromodichloromethane	2.7	U	ug/Kg	0.45	2.7	1.0
Bromoform	2.7	U	ug/Kg	0.59	2.7	1.0
Bromomethane	2.7	U	ug/Kg	0.86	2.7	1.0
Carbon disulfide	2.7	U	ug/Kg	0.27	2.7	1.0
Carbon tetrachloride	2.7	U	ug/Kg	0.54	2.7	1.0
Chlorobenzene	2.7	U	ug/Kg	0.39	2.7	1.0
Chloroethane	2.7	U	ug/Kg	0.65	2.7	1.0
Chloroform	2.7	U	ug/Kg	0.27	2.7	1.0
Chloromethane	2.7	U	ug/Kg	0.38	2.7	1.0
cis-1,2-Dichloroethene	2.7	U	ug/Kg	0.34	2.7	1.0
cis-1,3-Dichloropropene	2.7	U	ug/Kg	0.47	2.7	1.0
Cyclohexane	5.4	U	ug/Kg	0.32	5.4	1.0
Dibromochloromethane	2.7	U	ug/Kg	0.27	2.7	1.0
1,2-Dibromo-3-Chloropropane	5.4	U	ug/Kg	1.5	5.4	1.0
1,2-Dibromoethane	2.7	U	ug/Kg	0.81	2.7	1.0
1,2-Dichlorobenzene	2.7	U	ug/Kg	0.35	2.7	1.0
1,3-Dichlorobenzene	2.7	U	ug/Kg	0.45	2.7	1.0
1,4-Dichlorobenzene	2.7	U	ug/Kg	0.27	2.7	1.0
Dichlorodifluoromethane	2.7	U	ug/Kg	0.48	2.7	1.0
1,1-Dichloroethane	2.7	U	ug/Kg	0.27	2.7	1.0
1,2-Dichloroethane	2.7	U	ug/Kg	0.54	2.7	1.0
1,1-Dichloroethene	2.7	U	ug/Kg	0.29	2.7	1.0
1,2-Dichloropropane	2.7	U	ug/Kg	0.59	2.7	1.0
Ethylbenzene	2.7	U	ug/Kg	0.40	2.7	1.0
2-Hexanone	13	U	ug/Kg	1.1	13	1.0
Isopropylbenzene	2.7	U	ug/Kg	0.27	2.7	1.0
Methyl acetate	5.4	U	ug/Kg	1.2	5.4	1.0
Methylcyclohexane	5.4	U	ug/Kg	0.39	5.4	1.0
Methylene Chloride	2.7	U	ug/Kg	0.54	2.7	1.0
Methyl ethyl ketone (MEK)	13	U	ug/Kg	1.5	13	1.0
Methyl isobutyl ketone (MIBK)	13	U	ug/Kg	1.6	13	1.0
Methyl tert-butyl ether	27	U	ug/Kg	1.2	27	1.0
Styrene	2.7	U	ug/Kg	0.36	2.7	1.0
1,1,2,2-Tetrachloroethane	2.7	U	ug/Kg	0.75	2.7	1.0
Tetrachloroethene	2.7	U	ug/Kg	0.39	2.7	1.0
Toluene	0.47	J	ug/Kg	0.43	2.7	1.0
trans-1,2-Dichloroethene	2.7	U	ug/Kg	0.52	2.7	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11
Lab Sample ID: 680-29952-14

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.7	U	ug/Kg	0.47	2.7	1.0
1,2,4-Trichlorobenzene	2.7	U	ug/Kg	0.54	2.7	1.0
1,1,1-Trichloroethane	2.7	U	ug/Kg	0.31	2.7	1.0
1,1,2-Trichloroethane	2.7	U	ug/Kg	0.65	2.7	1.0
Trichloroethene	2.7	U	ug/Kg	0.54	2.7	1.0
Trichlorofluoromethane	2.7	U	ug/Kg	0.81	2.7	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.7	U	ug/Kg	0.36	2.7	1.0
1,2,4-Trimethylbenzene	2.7	U	ug/Kg	0.29	2.7	1.0
1,3,5-Trimethylbenzene	2.7	U	ug/Kg	0.47	2.7	1.0
Vinyl chloride	2.7	U	ug/Kg	0.31	2.7	1.0
Xylenes, Total	5.4	U	ug/Kg	1.2	5.4	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	88		%		65 - 124	
Dibromofluoromethane	113		%		65 - 124	
Toluene-d8 (Surr)	103		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	2400	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	3.3	J	ug/Kg		1.36	1.0
Unknown	9.5	J	ug/Kg		1.68	1.0
Unknown	2.7	J	ug/Kg		1.83	1.0
Unknown	47	J	ug/Kg		2.40	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1632
Date Prepared: 09/19/2007 1515

Acenaphthene	420	U	ug/Kg	22	420	1.0
Acenaphthylene	420	U	ug/Kg	22	420	1.0
Acetophenone	420	U *	ug/Kg	22	420	1.0
Aniline	840	U	ug/Kg	22	840	1.0
Anthracene	420	U	ug/Kg	22	420	1.0
Atrazine	420	U	ug/Kg	22	420	1.0
Benzaldehyde	420	U	ug/Kg	55	420	1.0
Benzidine	3400	U	ug/Kg	1100	3400	1.0
Benzo[a]anthracene	420	U	ug/Kg	42	420	1.0
Benzo[a]pyrene	420	U	ug/Kg	22	420	1.0
Benzo[b]fluoranthene	420	U	ug/Kg	22	420	1.0
Benzo[g,h,i]perylene	420	U	ug/Kg	30	420	1.0
Benzo[k]fluoranthene	420	U	ug/Kg	22	420	1.0
1,1'-Biphenyl	420	U	ug/Kg	22	420	1.0
Bis(2-chloroethoxy)methane	420	U	ug/Kg	22	420	1.0
Bis(2-chloroethyl)ether	420	U	ug/Kg	22	420	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11
Lab Sample ID: 680-29952-14

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-ethylhexyl) phthalate	420	U	ug/Kg	41	420	1.0
4-Bromophenyl phenyl ether	420	U	ug/Kg	22	420	1.0
Butyl benzyl phthalate	420	U	ug/Kg	22	420	1.0
Caprolactam	420	U	ug/Kg	22	420	1.0
Carbazole	420	U	ug/Kg	22	420	1.0
4-Chloroaniline	840	U	ug/Kg	22	840	1.0
4-Chloro-3-methylphenol	420	U	ug/Kg	85	420	1.0
2-Chloronaphthalene	420	U	ug/Kg	22	420	1.0
2-Chlorophenol	420	U	ug/Kg	22	420	1.0
4-Chlorophenyl phenyl ether	420	U	ug/Kg	29	420	1.0
Chrysene	420	U	ug/Kg	22	420	1.0
Dibenz(a,h)anthracene	420	U	ug/Kg	30	420	1.0
Dibenzofuran	420	U	ug/Kg	22	420	1.0
3,3'-Dichlorobenzidine	840	U	ug/Kg	22	840	1.0
2,4-Dichlorophenol	420	U	ug/Kg	220	420	1.0
Diethyl phthalate	420	U	ug/Kg	23	420	1.0
2,4-Dimethylphenol	420	U	ug/Kg	22	420	1.0
Dimethyl phthalate	420	U	ug/Kg	85	420	1.0
Di-n-butyl phthalate	420	U	ug/Kg	22	420	1.0
4,6-Dinitro-2-methylphenol	2200	U	ug/Kg	420	2200	1.0
2,4-Dinitrophenol	2200	U	ug/Kg	200	2200	1.0
2,4-Dinitrotoluene	420	U	ug/Kg	27	420	1.0
2,6-Dinitrotoluene	420	U	ug/Kg	25	420	1.0
Di-n-octyl phthalate	420	U	ug/Kg	24	420	1.0
1,4-Dioxane	420	U	ug/Kg	110	420	1.0
Fluoranthene	420	U	ug/Kg	22	420	1.0
Fluorene	420	U	ug/Kg	25	420	1.0
Hexachlorobenzene	420	U	ug/Kg	25	420	1.0
Hexachlorobutadiene	420	U	ug/Kg	27	420	1.0
Hexachlorocyclopentadiene	420	U	ug/Kg	220	420	1.0
Hexachloroethane	420	U	ug/Kg	22	420	1.0
Indeno[1,2,3-cd]pyrene	420	U	ug/Kg	37	420	1.0
Isophorone	420	U	ug/Kg	22	420	1.0
Mercaptobenzothiazole	2200	U *	ug/Kg	2200	2200	1.0
2-Methylnaphthalene	420	U	ug/Kg	22	420	1.0
2-Methylphenol	420	U	ug/Kg	27	420	1.0
3 & 4 Methylphenol	420	U	ug/Kg	27	420	1.0
Naphthalene	420	U	ug/Kg	22	420	1.0
2-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
3-Nitroaniline	2200	U	ug/Kg	42	2200	1.0
4-Nitroaniline	2200	U	ug/Kg	220	2200	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11
Lab Sample ID: 680-29952-14

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Nitrobenzene	420	U	ug/Kg	22	420	1.0
2-Nitrophenol	420	U	ug/Kg	29	420	1.0
4-Nitrophenol	2200	U	ug/Kg	220	2200	1.0
N-Nitrosodimethylamine	420	U	ug/Kg	220	420	1.0
N-Nitrosodi-n-propylamine	420	U	ug/Kg	22	420	1.0
N-Nitrosodiphenylamine	420	U	ug/Kg	42	420	1.0
2,2'-oxybis[1-chloropropane]	420	U	ug/Kg	22	420	1.0
Pentachlorophenol	2200	U	ug/Kg	220	2200	1.0
Phenanthrene	420	U	ug/Kg	22	420	1.0
Phenol	420	U	ug/Kg	22	420	1.0
Pyrene	420	U	ug/Kg	22	420	1.0
2,4,5-Trichlorophenol	420	U	ug/Kg	85	420	1.0
2,4,6-Trichlorophenol	420	U	ug/Kg	85	420	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	68		%		44 - 110	
2-Fluorophenol	61		%		41 - 110	
Nitrobenzene-d5	55		%		36 - 110	
Phenol-d5	61		%		43 - 110	
Terphenyl-d14	73		%		10 - 112	
2,4,6-Tribromophenol	69		%		36 - 128	
Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	12000	A J	ug/Kg		3.42	1.0
(Carbethoxyethylidene)triphenylphosphora	760	J N	ug/Kg	5717-37-3	10.77	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0508					
Dibutyl amine	6.4	U	mg/Kg	6.4	6.4	1.0
Diethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dimethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dibenzylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1513					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/20/2007 2222					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	26	U	mg/Kg	26	26	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	76		%		39 - 140	
Method: 6020	Date Analyzed: 09/15/2007 1247					

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11
Lab Sample ID: 680-29952-14

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Prep Method: 3050B			Date Prepared:		09/12/2007 0821	
Sodium	960	B	mg/Kg	18	59	1.0
Nickel	56		mg/Kg	0.042	0.24	1.0
Zinc	85		mg/Kg	0.75	4.7	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11
Lab Sample ID: 680-29952-14

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	190 U	mg/Kg	190	190	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11 D
Lab Sample ID: 680-29952-15

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed: 09/16/2007 2319			
Acetone	63	U	ug/Kg	5.6	63	1.0
Benzene	6.3	U	ug/Kg	1.0	6.3	1.0
Bromodichloromethane	6.3	U	ug/Kg	1.1	6.3	1.0
Bromoform	6.3	U	ug/Kg	1.4	6.3	1.0
Bromomethane	6.3	U	ug/Kg	2.0	6.3	1.0
Carbon disulfide	6.3	U	ug/Kg	0.65	6.3	1.0
Carbon tetrachloride	6.3	U	ug/Kg	1.3	6.3	1.0
Chlorobenzene	6.3	U	ug/Kg	0.92	6.3	1.0
Chloroethane	6.3	U	ug/Kg	1.5	6.3	1.0
Chloroform	6.3	U	ug/Kg	0.63	6.3	1.0
Chloromethane	6.3	U	ug/Kg	0.90	6.3	1.0
cis-1,2-Dichloroethene	6.3	U	ug/Kg	0.80	6.3	1.0
cis-1,3-Dichloropropene	6.3	U	ug/Kg	1.1	6.3	1.0
Cyclohexane	13	U	ug/Kg	0.76	13	1.0
Dibromochloromethane	6.3	U	ug/Kg	0.63	6.3	1.0
1,2-Dibromo-3-Chloropropane	13	U	ug/Kg	3.5	13	1.0
1,2-Dibromoethane	6.3	U	ug/Kg	1.9	6.3	1.0
1,2-Dichlorobenzene	6.3	U	ug/Kg	0.82	6.3	1.0
1,3-Dichlorobenzene	6.3	U	ug/Kg	1.1	6.3	1.0
1,4-Dichlorobenzene	6.3	U	ug/Kg	0.65	6.3	1.0
Dichlorodifluoromethane	6.3	U	ug/Kg	1.1	6.3	1.0
1,1-Dichloroethane	6.3	U	ug/Kg	0.63	6.3	1.0
1,2-Dichloroethane	6.3	U	ug/Kg	1.3	6.3	1.0
1,1-Dichloroethene	6.3	U	ug/Kg	0.68	6.3	1.0
1,2-Dichloropropane	6.3	U	ug/Kg	1.4	6.3	1.0
Ethylbenzene	6.3	U	ug/Kg	0.95	6.3	1.0
2-Hexanone	32	U	ug/Kg	2.7	32	1.0
Isopropylbenzene	6.3	U	ug/Kg	0.63	6.3	1.0
Methyl acetate	13	U	ug/Kg	2.8	13	1.0
Methylcyclohexane	13	U	ug/Kg	0.91	13	1.0
Methylene Chloride	6.3	U	ug/Kg	1.3	6.3	1.0
Methyl ethyl ketone (MEK)	32	U	ug/Kg	3.4	32	1.0
Methyl isobutyl ketone (MIBK)	32	U	ug/Kg	3.7	32	1.0
Methyl tert-butyl ether	63	U	ug/Kg	2.8	63	1.0
Styrene	6.3	U	ug/Kg	0.84	6.3	1.0
1,1,2,2-Tetrachloroethane	6.3	U	ug/Kg	1.8	6.3	1.0
Tetrachloroethene	6.3	U	ug/Kg	0.92	6.3	1.0
Toluene	4.4	J	ug/Kg	1.0	6.3	1.0
trans-1,2-Dichloroethene	6.3	U	ug/Kg	1.2	6.3	1.0
trans-1,3-Dichloropropene	6.3	U	ug/Kg	1.1	6.3	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11 D
Lab Sample ID: 680-29952-15

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,2,4-Trichlorobenzene	6.3	U	ug/Kg	1.3	6.3	1.0
1,1,1-Trichloroethane	6.3	U	ug/Kg	0.73	6.3	1.0
1,1,2-Trichloroethane	6.3	U	ug/Kg	1.5	6.3	1.0
Trichloroethene	6.3	U	ug/Kg	1.3	6.3	1.0
Trichlorofluoromethane	6.3	U	ug/Kg	1.9	6.3	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	U	ug/Kg	0.84	6.3	1.0
1,2,4-Trimethylbenzene	6.3	U	ug/Kg	0.67	6.3	1.0
1,3,5-Trimethylbenzene	6.3	U	ug/Kg	1.1	6.3	1.0
Vinyl chloride	6.3	U	ug/Kg	0.73	6.3	1.0
Xylenes, Total	13	U	ug/Kg	2.9	13	1.0

Surrogate

Acceptance Limits

4-Bromofluorobenzene	82		%		65 - 124	
Dibromofluoromethane	104		%		65 - 124	
Toluene-d8 (Surr)	101		%		65 - 132	

Tentatively Identified Compounds

Cas Number

RT

Carbon Dioxide	2200	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	7.3	J	ug/Kg		1.16	1.0
Unknown	7.5	J	ug/Kg		1.34	1.0
Unknown	6.7	J	ug/Kg		2.07	1.0
Unknown	6.9	J	ug/Kg		2.20	1.0
Unknown	13	J	ug/Kg		2.30	1.0

Method: 8270C

Date Analyzed: 09/30/2007 1348

Prep Method: 3550B

Date Prepared: 09/19/2007 1515

Acenaphthene	410	U	ug/Kg	21	410	1.0
Acenaphthylene	410	U	ug/Kg	21	410	1.0
Acetophenone	410	U *	ug/Kg	21	410	1.0
Aniline	830	U	ug/Kg	21	830	1.0
Anthracene	410	U	ug/Kg	21	410	1.0
Atrazine	410	U	ug/Kg	21	410	1.0
Benzaldehyde	410	U	ug/Kg	54	410	1.0
Benzidine	3400	U	ug/Kg	1000	3400	1.0
Benzo[a]anthracene	410	U	ug/Kg	41	410	1.0
Benzo[a]pyrene	410	U	ug/Kg	21	410	1.0
Benzo[b]fluoranthene	410	U	ug/Kg	21	410	1.0
Benzo[g,h,i]perylene	410	U	ug/Kg	30	410	1.0
Benzo[k]fluoranthene	410	U	ug/Kg	21	410	1.0
1,1'-Biphenyl	410	U	ug/Kg	21	410	1.0
Bis(2-chloroethoxy)methane	410	U	ug/Kg	21	410	1.0
Bis(2-chloroethyl)ether	410	U	ug/Kg	21	410	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11 D
Lab Sample ID: 680-29952-15

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-ethylhexyl) phthalate	410	U	ug/Kg	40	410	1.0
4-Bromophenyl phenyl ether	410	U	ug/Kg	21	410	1.0
Butyl benzyl phthalate	410	U	ug/Kg	21	410	1.0
Caprolactam	410	U	ug/Kg	21	410	1.0
Carbazole	410	U	ug/Kg	21	410	1.0
4-Chloroaniline	830	U	ug/Kg	21	830	1.0
4-Chloro-3-methylphenol	410	U	ug/Kg	84	410	1.0
2-Chloronaphthalene	410	U	ug/Kg	21	410	1.0
2-Chlorophenol	410	U	ug/Kg	21	410	1.0
4-Chlorophenyl phenyl ether	410	U	ug/Kg	29	410	1.0
Chrysene	410	U	ug/Kg	21	410	1.0
Dibenz(a,h)anthracene	410	U	ug/Kg	30	410	1.0
Dibenzofuran	410	U	ug/Kg	21	410	1.0
3,3'-Dichlorobenzidine	830	U	ug/Kg	21	830	1.0
2,4-Dichlorophenol	410	U	ug/Kg	210	410	1.0
Diethyl phthalate	410	U	ug/Kg	23	410	1.0
2,4-Dimethylphenol	410	U	ug/Kg	21	410	1.0
Dimethyl phthalate	410	U	ug/Kg	84	410	1.0
Di-n-butyl phthalate	410	U	ug/Kg	21	410	1.0
4,6-Dinitro-2-methylphenol	2100	U	ug/Kg	410	2100	1.0
2,4-Dinitrophenol	2100	U	ug/Kg	200	2100	1.0
2,4-Dinitrotoluene	410	U	ug/Kg	26	410	1.0
2,6-Dinitrotoluene	410	U	ug/Kg	25	410	1.0
Di-n-octyl phthalate	410	U	ug/Kg	24	410	1.0
1,4-Dioxane	410	U	ug/Kg	100	410	1.0
Fluoranthene	410	U	ug/Kg	21	410	1.0
Fluorene	410	U	ug/Kg	25	410	1.0
Hexachlorobenzene	410	U	ug/Kg	25	410	1.0
Hexachlorobutadiene	410	U	ug/Kg	26	410	1.0
Hexachlorocyclopentadiene	410	U	ug/Kg	210	410	1.0
Hexachloroethane	410	U	ug/Kg	21	410	1.0
Indeno[1,2,3-cd]pyrene	410	U	ug/Kg	36	410	1.0
Isophorone	410	U	ug/Kg	21	410	1.0
Mercaptobenzothiazole	2100	U *	ug/Kg	2100	2100	1.0
2-Methylnaphthalene	410	U	ug/Kg	21	410	1.0
2-Methylphenol	410	U	ug/Kg	26	410	1.0
3 & 4 Methylphenol	410	U	ug/Kg	26	410	1.0
Naphthalene	410	U	ug/Kg	21	410	1.0
2-Nitroaniline	2100	U	ug/Kg	210	2100	1.0
3-Nitroaniline	2100	U	ug/Kg	41	2100	1.0
4-Nitroaniline	2100	U	ug/Kg	210	2100	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11 D
Lab Sample ID: 680-29952-15

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Nitrobenzene	410	U	ug/Kg	21	410	1.0
2-Nitrophenol	410	U	ug/Kg	29	410	1.0
4-Nitrophenol	2100	U	ug/Kg	210	2100	1.0
N-Nitrosodimethylamine	410	U	ug/Kg	210	410	1.0
N-Nitrosodi-n-propylamine	410	U	ug/Kg	21	410	1.0
N-Nitrosodiphenylamine	410	U	ug/Kg	41	410	1.0
2,2'-oxybis[1-chloropropane]	410	U	ug/Kg	21	410	1.0
Pentachlorophenol	2100	U	ug/Kg	210	2100	1.0
Phenanthrene	410	U	ug/Kg	21	410	1.0
Phenol	410	U	ug/Kg	21	410	1.0
Pyrene	410	U	ug/Kg	21	410	1.0
2,4,5-Trichlorophenol	410	U	ug/Kg	84	410	1.0
2,4,6-Trichlorophenol	410	U	ug/Kg	84	410	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	36	X	%		44 - 110	
2-Fluorophenol	42		%		41 - 110	
Nitrobenzene-d5	38		%		36 - 110	
Phenol-d5	40	X	%		43 - 110	
Terphenyl-d14	53		%		10 - 112	
2,4,6-Tribromophenol	52		%		36 - 128	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	8800	A J	ug/Kg		3.18	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0538					
Dibutyl amine	6.3	U	mg/Kg	6.3	6.3	1.0
Diethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dimethylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Dibenzylamine	6.3	U	mg/Kg	6.3	6.3	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1542					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/21/2007 1006					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					
Mineral oil	25	U	mg/Kg	25	25	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	90		%		39 - 140	
Method: 6020	Date Analyzed: 09/15/2007 1308					
Prep Method: 3050B	Date Prepared: 09/12/2007 0821					

Mr. Bruce Yare
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575 Maryville Centre Dr.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11 D
Lab Sample ID: 680-29952-15

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Sodium	950	B	mg/Kg	17	58	1.0
Nickel	53		mg/Kg	0.041	0.23	1.0
Zinc	77		mg/Kg	0.74	4.6	1.0

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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-023-SO 10-11 D
Lab Sample ID: 680-29952-15

Date Sampled: 09/06/2007 1600
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	190 U	mg/Kg	190	190	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SS
Lab Sample ID: 680-29952-16

Date Sampled: 09/06/2007 1635
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/16/2007 2340		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	26	U	ug/Kg	2.3	26	1.0
Benzene	2.6	U	ug/Kg	0.41	2.6	1.0
Bromodichloromethane	2.6	U	ug/Kg	0.43	2.6	1.0
Bromoform	2.6	U	ug/Kg	0.57	2.6	1.0
Bromomethane	2.6	U	ug/Kg	0.83	2.6	1.0
Carbon disulfide	2.6	U	ug/Kg	0.26	2.6	1.0
Carbon tetrachloride	2.6	U	ug/Kg	0.52	2.6	1.0
Chlorobenzene	2.6	U	ug/Kg	0.38	2.6	1.0
Chloroethane	2.6	U	ug/Kg	0.62	2.6	1.0
Chloroform	2.6	U	ug/Kg	0.26	2.6	1.0
Chloromethane	2.6	U	ug/Kg	0.37	2.6	1.0
cis-1,2-Dichloroethene	2.6	U	ug/Kg	0.33	2.6	1.0
cis-1,3-Dichloropropene	2.6	U	ug/Kg	0.45	2.6	1.0
Cyclohexane	5.2	U	ug/Kg	0.31	5.2	1.0
Dibromochloromethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dibromo-3-Chloropropane	5.2	U	ug/Kg	1.5	5.2	1.0
1,2-Dibromoethane	2.6	U	ug/Kg	0.78	2.6	1.0
1,2-Dichlorobenzene	2.6	U	ug/Kg	0.34	2.6	1.0
1,3-Dichlorobenzene	2.6	U	ug/Kg	0.43	2.6	1.0
1,4-Dichlorobenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Dichlorodifluoromethane	2.6	U	ug/Kg	0.46	2.6	1.0
1,1-Dichloroethane	2.6	U	ug/Kg	0.26	2.6	1.0
1,2-Dichloroethane	2.6	U	ug/Kg	0.52	2.6	1.0
1,1-Dichloroethene	2.6	U	ug/Kg	0.28	2.6	1.0
1,2-Dichloropropane	2.6	U	ug/Kg	0.57	2.6	1.0
Ethylbenzene	2.6	U	ug/Kg	0.39	2.6	1.0
2-Hexanone	13	U	ug/Kg	1.1	13	1.0
Isopropylbenzene	2.6	U	ug/Kg	0.26	2.6	1.0
Methyl acetate	5.2	U	ug/Kg	1.1	5.2	1.0
Methylcyclohexane	5.2	U	ug/Kg	0.37	5.2	1.0
Methylene Chloride	2.6	U	ug/Kg	0.52	2.6	1.0
Methyl ethyl ketone (MEK)	13	U	ug/Kg	1.4	13	1.0
Methyl isobutyl ketone (MIBK)	13	U	ug/Kg	1.5	13	1.0
Methyl tert-butyl ether	26	U	ug/Kg	1.1	26	1.0
Styrene	2.6	U	ug/Kg	0.34	2.6	1.0
1,1,2,2-Tetrachloroethane	2.6	U	ug/Kg	0.73	2.6	1.0
Tetrachloroethene	0.45	J	ug/Kg	0.38	2.6	1.0
Toluene	1.1	J	ug/Kg	0.41	2.6	1.0
trans-1,2-Dichloroethene	2.6	U	ug/Kg	0.50	2.6	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SS
Lab Sample ID: 680-29952-16

Date Sampled: 09/06/2007 1635
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.6	U	ug/Kg	0.45	2.6	1.0
1,2,4-Trichlorobenzene	2.6	U	ug/Kg	0.52	2.6	1.0
1,1,1-Trichloroethane	2.6	U	ug/Kg	0.30	2.6	1.0
1,1,2-Trichloroethane	2.6	U	ug/Kg	0.62	2.6	1.0
Trichloroethene	1.2	J	ug/Kg	0.52	2.6	1.0
Trichlorofluoromethane	2.6	U	ug/Kg	0.78	2.6	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.6	U	ug/Kg	0.34	2.6	1.0
1,2,4-Trimethylbenzene	2.6	U	ug/Kg	0.27	2.6	1.0
1,3,5-Trimethylbenzene	2.6	U	ug/Kg	0.45	2.6	1.0
Vinyl chloride	2.6	U	ug/Kg	0.30	2.6	1.0
Xylenes, Total	5.2	U	ug/Kg	1.2	5.2	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	96		%		65 - 124	
Dibromofluoromethane	101		%		65 - 124	
Toluene-d8 (Surr)	99		%		65 - 132	

Tentatively Identified Compounds			Cas Number		RT	
Carbon Dioxide	1000	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	4.1	J	ug/Kg		1.68	1.0
Unknown	2.7	J	ug/Kg		2.06	1.0
Unknown	3.3	J	ug/Kg		2.17	1.0
Unknown	3.5	J	ug/Kg		2.23	1.0
Unknown	7.7	J	ug/Kg		2.49	1.0
Unknown Alkane	3.4	J	ug/Kg		3.00	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/27/2007 1717
Date Prepared: 09/19/2007 1515

Acenaphthene	420	U	ug/Kg	22	420	1.0
Acenaphthylene	420	U	ug/Kg	22	420	1.0
Acetophenone	420	U *	ug/Kg	22	420	1.0
Aniline	840	U	ug/Kg	22	840	1.0
Anthracene	420	U	ug/Kg	22	420	1.0
Atrazine	420	U	ug/Kg	22	420	1.0
Benzaldehyde	420	U	ug/Kg	55	420	1.0
Benzidine	3400	U	ug/Kg	1100	3400	1.0
Benzo[a]anthracene	420	U	ug/Kg	42	420	1.0
Benzo[a]pyrene	420	U	ug/Kg	22	420	1.0
Benzo[b]fluoranthene	420	U	ug/Kg	22	420	1.0
Benzo[g,h,i]perylene	420	U	ug/Kg	31	420	1.0
Benzo[k]fluoranthene	420	U	ug/Kg	22	420	1.0
1,1'-Biphenyl	420	U	ug/Kg	22	420	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SS
Lab Sample ID: 680-29952-16

Date Sampled: 09/06/2007 1635
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-chloroethoxy)methane	420	U	ug/Kg	22	420	1.0
Bis(2-chloroethyl)ether	420	U	ug/Kg	22	420	1.0
Bis(2-ethylhexyl) phthalate	420	U	ug/Kg	41	420	1.0
4-Bromophenyl phenyl ether	420	U	ug/Kg	22	420	1.0
Butyl benzyl phthalate	420	U	ug/Kg	22	420	1.0
Caprolactam	420	U	ug/Kg	22	420	1.0
Carbazole	420	U	ug/Kg	22	420	1.0
4-Chloroaniline	840	U	ug/Kg	22	840	1.0
4-Chloro-3-methylphenol	420	U	ug/Kg	85	420	1.0
2-Chloronaphthalene	420	U	ug/Kg	22	420	1.0
2-Chlorophenol	420	U	ug/Kg	22	420	1.0
4-Chlorophenyl phenyl ether	420	U	ug/Kg	29	420	1.0
Chrysene	420	U	ug/Kg	22	420	1.0
Dibenz(a,h)anthracene	420	U	ug/Kg	31	420	1.0
Dibenzofuran	420	U	ug/Kg	22	420	1.0
3,3'-Dichlorobenzidine	840	U	ug/Kg	22	840	1.0
2,4-Dichlorophenol	420	U	ug/Kg	220	420	1.0
Diethyl phthalate	420	U	ug/Kg	23	420	1.0
2,4-Dimethylphenol	420	U	ug/Kg	22	420	1.0
Dimethyl phthalate	420	U	ug/Kg	85	420	1.0
Di-n-butyl phthalate	420	U	ug/Kg	22	420	1.0
4,6-Dinitro-2-methylphenol	2200	U	ug/Kg	420	2200	1.0
2,4-Dinitrophenol	2200	U	ug/Kg	200	2200	1.0
2,4-Dinitrotoluene	420	U	ug/Kg	27	420	1.0
2,6-Dinitrotoluene	420	U	ug/Kg	25	420	1.0
Di-n-octyl phthalate	420	U	ug/Kg	24	420	1.0
1,4-Dioxane	420	U	ug/Kg	110	420	1.0
Fluoranthene	420	U	ug/Kg	22	420	1.0
Fluorene	420	U	ug/Kg	25	420	1.0
Hexachlorobenzene	420	U	ug/Kg	25	420	1.0
Hexachlorobutadiene	420	U	ug/Kg	27	420	1.0
Hexachlorocyclopentadiene	420	U	ug/Kg	220	420	1.0
Hexachloroethane	420	U	ug/Kg	22	420	1.0
Indeno[1,2,3-cd]pyrene	420	U	ug/Kg	37	420	1.0
Isophorone	420	U	ug/Kg	22	420	1.0
Mercaptobenzothiazole	2200	U *	ug/Kg	2200	2200	1.0
2-Methylnaphthalene	420	U	ug/Kg	22	420	1.0
2-Methylphenol	420	U	ug/Kg	27	420	1.0
3 & 4 Methylphenol	420	U	ug/Kg	27	420	1.0
Naphthalene	420	U	ug/Kg	22	420	1.0
2-Nitroaniline	2200	U	ug/Kg	220	2200	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SS
Lab Sample ID: 680-29952-16

Date Sampled: 09/06/2007 1635
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
3-Nitroaniline	2200	U	ug/Kg	42	2200	1.0
4-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
Nitrobenzene	420	U	ug/Kg	22	420	1.0
2-Nitrophenol	420	U	ug/Kg	29	420	1.0
4-Nitrophenol	2200	U	ug/Kg	220	2200	1.0
N-Nitrosodimethylamine	420	U	ug/Kg	220	420	1.0
N-Nitrosodi-n-propylamine	420	U	ug/Kg	22	420	1.0
N-Nitrosodiphenylamine	420	U	ug/Kg	42	420	1.0
2,2'-oxybis[1-chloropropane]	420	U	ug/Kg	22	420	1.0
Pentachlorophenol	2200	U	ug/Kg	220	2200	1.0
Phenanthrene	420	U	ug/Kg	22	420	1.0
Phenol	420	U	ug/Kg	22	420	1.0
Pyrene	420	U	ug/Kg	22	420	1.0
2,4,5-Trichlorophenol	420	U	ug/Kg	85	420	1.0
2,4,6-Trichlorophenol	420	U	ug/Kg	85	420	1.0

Surrogate Acceptance Limits

2-Fluorobiphenyl	60	%	44 - 110
2-Fluorophenol	53	%	41 - 110
Nitrobenzene-d5	51	%	36 - 110
Phenol-d5	54	%	43 - 110
Terphenyl-d14	67	%	10 - 112
2,4,6-Tribromophenol	59	%	36 - 128

Tentatively Identified Compounds

			Cas Number	RT	
Unknown Aldol Condensate	10000	A J	ug/Kg	3.41	1.0
Unknown	210	J	ug/Kg	10.11	1.0
Phosphine oxide, triphenyl-	670	J N	ug/Kg	791-28-6	10.77
Eicosane	170	J N	ug/Kg	112-95-8	12.40
Unknown	180	J	ug/Kg	14.07	1.0

Method: Soluble-8015B

Date Analyzed: 09/18/2007 0607

Dibutyl amine	6.4	U	mg/Kg	6.4	6.4	1.0
Diethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dimethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dibenzylamine	6.4	U	mg/Kg	6.4	6.4	1.0

Method: 630.1

Date Analyzed: 09/21/2007 1610

Prep Method: 630.1

Date Prepared: 09/15/2007 0900

Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
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Method: 8015B

Date Analyzed: 09/21/2007 1019

Prep Method: 3550B

Date Prepared: 09/19/2007 2120

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SS
Lab Sample ID: 680-29952-16

Date Sampled: 09/06/2007 1635
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Mineral oil	26	U	mg/Kg	26	26	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	98		%		39 - 140	
Method: 6020			Date Analyzed: 09/15/2007 1315			
Prep Method: 3050B			Date Prepared: 09/12/2007 0821			
Sodium	260	B	mg/Kg	17	57	1.0
Nickel	39		mg/Kg	0.041	0.23	1.0
Zinc	59		mg/Kg	0.73	4.5	1.0

Mr. Bruce Yare
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575 Maryville Centre Dr.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SS
Lab Sample ID: 680-29952-16

Date Sampled: 09/06/2007 1635
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	200 U	mg/Kg	200	200	1.0

Mr. Bruce Yare
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Saint Louis, MO 63141

Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SO 11-12
Lab Sample ID: 680-29952-17

Date Sampled: 09/06/2007 1710
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/17/2007 1244		
Prep Method: 5035			Date Prepared:	09/14/2007 1117		
Acetone	10	J	ug/Kg	2.2	25	1.0
Benzene	2.5	U	ug/Kg	0.40	2.5	1.0
Bromodichloromethane	2.5	U	ug/Kg	0.42	2.5	1.0
Bromoform	2.5	U	ug/Kg	0.55	2.5	1.0
Bromomethane	2.5	U	ug/Kg	0.80	2.5	1.0
Carbon disulfide	2.5	U	ug/Kg	0.26	2.5	1.0
Carbon tetrachloride	2.5	U	ug/Kg	0.50	2.5	1.0
Chlorobenzene	2.5	U	ug/Kg	0.37	2.5	1.0
Chloroethane	2.5	U	ug/Kg	0.60	2.5	1.0
Chloroform	2.5	U	ug/Kg	0.25	2.5	1.0
Chloromethane	2.5	U	ug/Kg	0.36	2.5	1.0
cis-1,2-Dichloroethene	2.5	U	ug/Kg	0.32	2.5	1.0
cis-1,3-Dichloropropene	2.5	U	ug/Kg	0.44	2.5	1.0
Cyclohexane	5.0	U	ug/Kg	0.30	5.0	1.0
Dibromochloromethane	2.5	U	ug/Kg	0.25	2.5	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/Kg	1.4	5.0	1.0
1,2-Dibromoethane	2.5	U	ug/Kg	0.75	2.5	1.0
1,2-Dichlorobenzene	2.5	U	ug/Kg	0.33	2.5	1.0
1,3-Dichlorobenzene	2.5	U	ug/Kg	0.42	2.5	1.0
1,4-Dichlorobenzene	2.5	U	ug/Kg	0.26	2.5	1.0
Dichlorodifluoromethane	2.5	U	ug/Kg	0.45	2.5	1.0
1,1-Dichloroethane	2.5	U	ug/Kg	0.25	2.5	1.0
1,2-Dichloroethane	2.5	U	ug/Kg	0.50	2.5	1.0
1,1-Dichloroethene	2.5	U	ug/Kg	0.27	2.5	1.0
1,2-Dichloropropane	2.5	U	ug/Kg	0.55	2.5	1.0
Ethylbenzene	2.5	U	ug/Kg	0.38	2.5	1.0
2-Hexanone	13	U	ug/Kg	1.1	13	1.0
Isopropylbenzene	2.5	U	ug/Kg	0.25	2.5	1.0
Methyl acetate	5.0	U	ug/Kg	1.1	5.0	1.0
Methylcyclohexane	5.0	U	ug/Kg	0.36	5.0	1.0
Methylene Chloride	2.5	U	ug/Kg	0.50	2.5	1.0
Methyl ethyl ketone (MEK)	13	U	ug/Kg	1.4	13	1.0
Methyl isobutyl ketone (MIBK)	13	U	ug/Kg	1.5	13	1.0
Methyl tert-butyl ether	25	U	ug/Kg	1.1	25	1.0
Styrene	2.5	U	ug/Kg	0.33	2.5	1.0
1,1,2,2-Tetrachloroethane	2.5	U	ug/Kg	0.70	2.5	1.0
Tetrachloroethene	2.5	U	ug/Kg	0.37	2.5	1.0
Toluene	1.4	J	ug/Kg	0.40	2.5	1.0
trans-1,2-Dichloroethene	2.5	U	ug/Kg	0.49	2.5	1.0

Mr. Bruce Yare
Solutia Inc.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SO 11-12
Lab Sample ID: 680-29952-17

Date Sampled: 09/06/2007 1710
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.5	U	ug/Kg	0.44	2.5	1.0
1,2,4-Trichlorobenzene	2.5	U	ug/Kg	0.50	2.5	1.0
1,1,1-Trichloroethane	2.5	U	ug/Kg	0.29	2.5	1.0
1,1,2-Trichloroethane	2.5	U	ug/Kg	0.60	2.5	1.0
Trichloroethene	2.5	U	ug/Kg	0.50	2.5	1.0
Trichlorofluoromethane	2.5	U	ug/Kg	0.75	2.5	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U	ug/Kg	0.33	2.5	1.0
1,2,4-Trimethylbenzene	2.5	U	ug/Kg	0.27	2.5	1.0
1,3,5-Trimethylbenzene	2.5	U	ug/Kg	0.44	2.5	1.0
Vinyl chloride	2.5	U	ug/Kg	0.29	2.5	1.0
Xylenes, Total	5.0	U	ug/Kg	1.2	5.0	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	93		%		65 - 124	
Dibromofluoromethane	102		%		65 - 124	
Toluene-d8 (Surr)	105		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	2100	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	11	J	ug/Kg		1.61	1.0
Unknown	3.2	J	ug/Kg		1.67	1.0
Unknown	3.7	J	ug/Kg		1.83	1.0
Unknown	5.7	J	ug/Kg		2.04	1.0
Unknown	3.1	J	ug/Kg		2.25	1.0
Unknown	3.1	J	ug/Kg		2.31	1.0
Unknown	3.5	J	ug/Kg		2.36	1.0
Unknown	10	J	ug/Kg		2.39	1.0
Unknown Alkene	20	J B	ug/Kg		7.95	1.0

Method: 8270C

Date Analyzed: 09/27/2007 1740

Prep Method: 3550B

Date Prepared: 09/19/2007 1515

Acenaphthene	420	U	ug/Kg	22	420	1.0
Acenaphthylene	420	U	ug/Kg	22	420	1.0
Acetophenone	420	U *	ug/Kg	22	420	1.0
Aniline	840	U	ug/Kg	22	840	1.0
Anthracene	420	U	ug/Kg	22	420	1.0
Atrazine	420	U	ug/Kg	22	420	1.0
Benzaldehyde	420	U	ug/Kg	55	420	1.0
Benzidine	3400	U	ug/Kg	1100	3400	1.0
Benzo[a]anthracene	420	U	ug/Kg	42	420	1.0
Benzo[a]pyrene	420	U	ug/Kg	22	420	1.0
Benzo[b]fluoranthene	420	U	ug/Kg	22	420	1.0

Mr. Bruce Yare
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575 Maryville Centre Dr.
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SO 11-12
Lab Sample ID: 680-29952-17

Date Sampled: 09/06/2007 1710
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[g,h,i]perylene	420	U	ug/Kg	31	420	1.0
Benzo[k]fluoranthene	420	U	ug/Kg	22	420	1.0
1,1'-Biphenyl	420	U	ug/Kg	22	420	1.0
Bis(2-chloroethoxy)methane	420	U	ug/Kg	22	420	1.0
Bis(2-chloroethyl)ether	420	U	ug/Kg	22	420	1.0
Bis(2-ethylhexyl) phthalate	420	U	ug/Kg	41	420	1.0
4-Bromophenyl phenyl ether	420	U	ug/Kg	22	420	1.0
Butyl benzyl phthalate	420	U	ug/Kg	22	420	1.0
Caprolactam	420	U	ug/Kg	22	420	1.0
Carbazole	420	U	ug/Kg	22	420	1.0
4-Chloroaniline	840	U	ug/Kg	22	840	1.0
4-Chloro-3-methylphenol	420	U	ug/Kg	85	420	1.0
2-Chloronaphthalene	420	U	ug/Kg	22	420	1.0
2-Chlorophenol	420	U	ug/Kg	22	420	1.0
4-Chlorophenyl phenyl ether	420	U	ug/Kg	29	420	1.0
Chrysene	420	U	ug/Kg	22	420	1.0
Dibenz(a,h)anthracene	420	U	ug/Kg	31	420	1.0
Dibenzofuran	420	U	ug/Kg	22	420	1.0
3,3'-Dichlorobenzidine	840	U	ug/Kg	22	840	1.0
2,4-Dichlorophenol	420	U	ug/Kg	220	420	1.0
Diethyl phthalate	420	U	ug/Kg	23	420	1.0
2,4-Dimethylphenol	420	U	ug/Kg	22	420	1.0
Dimethyl phthalate	420	U	ug/Kg	85	420	1.0
Di-n-butyl phthalate	420	U	ug/Kg	22	420	1.0
4,6-Dinitro-2-methylphenol	2200	U	ug/Kg	420	2200	1.0
2,4-Dinitrophenol	2200	U	ug/Kg	200	2200	1.0
2,4-Dinitrotoluene	420	U	ug/Kg	27	420	1.0
2,6-Dinitrotoluene	420	U	ug/Kg	25	420	1.0
Di-n-octyl phthalate	420	U	ug/Kg	24	420	1.0
1,4-Dioxane	420	U	ug/Kg	110	420	1.0
Fluoranthene	420	U	ug/Kg	22	420	1.0
Fluorene	420	U	ug/Kg	25	420	1.0
Hexachlorobenzene	420	U	ug/Kg	25	420	1.0
Hexachlorobutadiene	420	U	ug/Kg	27	420	1.0
Hexachlorocyclopentadiene	420	U	ug/Kg	220	420	1.0
Hexachloroethane	420	U	ug/Kg	22	420	1.0
Indeno[1,2,3-cd]pyrene	420	U	ug/Kg	37	420	1.0
Isophorone	420	U	ug/Kg	22	420	1.0
Mercaptobenzothiazole	2200	U *	ug/Kg	2200	2200	1.0
2-Methylnaphthalene	420	U	ug/Kg	22	420	1.0
2-Methylphenol	420	U	ug/Kg	27	420	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SO 11-12
Lab Sample ID: 680-29952-17

Date Sampled: 09/06/2007 1710
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
3 & 4 Methylphenol	420	U	ug/Kg	27	420	1.0
Naphthalene	420	U	ug/Kg	22	420	1.0
2-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
3-Nitroaniline	2200	U	ug/Kg	42	2200	1.0
4-Nitroaniline	2200	U	ug/Kg	220	2200	1.0
Nitrobenzene	420	U	ug/Kg	22	420	1.0
2-Nitrophenol	420	U	ug/Kg	29	420	1.0
4-Nitrophenol	2200	U	ug/Kg	220	2200	1.0
N-Nitrosodimethylamine	420	U	ug/Kg	220	420	1.0
N-Nitrosodi-n-propylamine	420	U	ug/Kg	22	420	1.0
N-Nitrosodiphenylamine	420	U	ug/Kg	42	420	1.0
2,2'-oxybis[1-chloropropane]	420	U	ug/Kg	22	420	1.0
Pentachlorophenol	2200	U	ug/Kg	220	2200	1.0
Phenanthrene	420	U	ug/Kg	22	420	1.0
Phenol	420	U	ug/Kg	22	420	1.0
Pyrene	420	U	ug/Kg	22	420	1.0
2,4,5-Trichlorophenol	420	U	ug/Kg	85	420	1.0
2,4,6-Trichlorophenol	420	U	ug/Kg	85	420	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	56		%		44 - 110	
2-Fluorophenol	53		%		41 - 110	
Nitrobenzene-d5	51		%		36 - 110	
Phenol-d5	53		%		43 - 110	
Terphenyl-d14	63		%		10 - 112	
2,4,6-Tribromophenol	55		%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	10000	A J	ug/Kg		3.42	1.0
(Carbethoxyethylidene)triphenylphosphora	700	J N	ug/Kg	5717-37-3	10.77	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 0637					
Dibutyl amine	6.4	U	mg/Kg	6.4	6.4	1.0
Diethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dimethylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Dibenzylamine	6.4	U	mg/Kg	6.4	6.4	1.0
Method: 630.1	Date Analyzed: 09/21/2007 1639					
Prep Method: 630.1	Date Prepared: 09/15/2007 0900					
Dithiocarbamates, Total	1.6	U	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/21/2007 1032					
Prep Method: 3550B	Date Prepared: 09/19/2007 2120					

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SO 11-12
Lab Sample ID: 680-29952-17

Date Sampled: 09/06/2007 1710
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Mineral oil	25	U	mg/Kg	25	25	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	84		%		39 - 140	
Method: 6020	Date Analyzed: 09/15/2007 1322					
Prep Method: 3050B	Date Prepared: 09/12/2007 0821					
Sodium	870	B	mg/Kg	18	61	1.0
Nickel	55		mg/Kg	0.044	0.25	1.0
Zinc	84		mg/Kg	0.79	4.9	1.0

Mr. Bruce Yare
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Job Number: 680-29952-1
Sdg Number: FLX005

Client Sample ID: TE-022-SO 11-12
Lab Sample ID: 680-29952-17

Date Sampled: 09/06/2007 1710
Date Received: 09/11/2007 1050
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	190 U	mg/Kg	190	190	1.0

TestAmerica Savannah

Tellurium Semi-Quantitative Results

SDG FLX005

Sample ID	Lab Sample ID	Analysis time	Operator	Dilution factor	Prep batch	Tellurium 128	Q	Units
TE-019-SS	680-29952-1	9/26/07 1137	CME	1	680-85161	0.5	U	mg/Kg
TE-019-S0 11-12	680-29952-2	9/26/07 1143	CME	1	680-85161	0.5	U	mg/Kg
TE-026-SS	680-29952-3	9/26/07 1210	CME	1	680-85161	0.5	U	mg/Kg
TE-026-S0 10-11	680-29952-4	9/26/07 1215	CME	1	680-85161	0.6	U	mg/Kg
TE-031-SS	680-29952-5	9/26/07 1221	CME	1	680-85161	0.5	U	mg/Kg
TE-031-S0 10-11	680-29952-6	9/26/07 1226	CME	1	680-85161	0.6	U	mg/Kg
TE-024-SS	680-29952-7	9/26/07 1232	CME	1	680-85161	0.5	U	mg/Kg
TE-024-S0 7-8	680-29952-8	9/26/07 1237	CME	1	680-85161	0.6	U	mg/Kg
TE-025-SS	680-29952-9	9/26/07 1243	CME	1	680-85161	0.6	U	mg/Kg
TE-025-S0 11-12	680-29952-10	9/26/07 1248	CME	1	680-85161	0.6	U	mg/Kg
TE-021-SS	680-29952-11	9/26/07 1253	CME	1	680-85161	0.6	U	mg/Kg
TE-021-S0 8-9	680-29952-12	9/26/07 1259	CME	1	680-85161	0.6	U	mg/Kg
TE-023-SS	680-29952-13	9/26/07 1304	CME	1	680-85161	0.5	U	mg/Kg
TE-023-S0 10-11	680-29952-14	9/26/07 1310	CME	1	680-85161	0.6	U	mg/Kg
TE-023-S0 10-11 D	680-29952-15	9/26/07 1315	CME	1	680-85161	0.6	U	mg/Kg
TE-022-SS	680-29952-16	9/26/07 1321	CME	1	680-85161	0.6	U	mg/Kg
TE-022-S0 11-12	680-29952-17	9/26/07 1326	CME	1	680-85161	0.6	U	mg/Kg

DATA REPORTING QUALIFIERS

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	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.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	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
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.

DATA REPORTING QUALIFIERS

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Section	Qualifier	Description
GC Semi VOA	U	Indicates the analyte was analyzed for but not detected.
	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.
	F	MS or MSD 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.
General Chemistry	U	Indicates the analyte was analyzed for but not detected.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 680-85421					
680-29952-1	TE-019-SS	T	Solid	5035	
680-29952-3	TE-026-SS	T	Solid	5035	
680-29952-5	TE-031-SS	T	Solid	5035	
680-29952-6	TE-031-SO 10-11	T	Solid	5035	
680-29952-7	TE-024-SS	T	Solid	5035	
680-29952-8	TE-024-SO 7-8	T	Solid	5035	
680-29952-9	TE-025-SS	T	Solid	5035	
680-29952-11	TE-021-SS	T	Solid	5035	
680-29952-13	TE-023-SS	T	Solid	5035	
680-29952-14	TE-023-SO 10-11	T	Solid	5035	
680-29952-16	TE-022-SS	T	Solid	5035	
680-29952-17	TE-022-SO 11-12	T	Solid	5035	
Analysis Batch:680-85582					
LCS 680-85582/3	Lab Control Spike	T	Solid	8260B	
MB 680-85582/10	Method Blank	T	Solid	8260B	
680-29952-1	TE-019-SS	T	Solid	8260B	680-85421
680-29952-3	TE-026-SS	T	Solid	8260B	680-85421
680-29952-4	TE-026-SO 10-11	T	Solid	8260B	
680-29952-5	TE-031-SS	T	Solid	8260B	680-85421
680-29952-6	TE-031-SO 10-11	T	Solid	8260B	680-85421
680-29952-7	TE-024-SS	T	Solid	8260B	680-85421
680-29952-8	TE-024-SO 7-8	T	Solid	8260B	680-85421
680-29952-9	TE-025-SS	T	Solid	8260B	680-85421
680-29952-10	TE-025-SO 11-12	T	Solid	8260B	
680-29952-11	TE-021-SS	T	Solid	8260B	680-85421
680-29952-12	TE-021-SO 8-9	T	Solid	8260B	
680-29952-13	TE-023-SS	T	Solid	8260B	680-85421
680-29952-14	TE-023-SO 10-11	T	Solid	8260B	680-85421
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	8260B	
680-29952-16	TE-022-SS	T	Solid	8260B	680-85421
Analysis Batch:680-85744					
LCS 680-85744/4	Lab Control Spike	T	Solid	8260B	
MB 680-85744/5	Method Blank	T	Solid	8260B	
680-29952-2	TE-019-SO 11-12	T	Solid	8260B	
680-29952-17	TE-022-SO 11-12	T	Solid	8260B	680-85421

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 680-85708					
LCS 680-85708/19-A	Lab Control Spike	T	Solid	3550B	
MB 680-85708/18-A	Method Blank	T	Solid	3550B	
680-29952-1	TE-019-SS	T	Solid	3550B	
680-29952-1MS	Matrix Spike	T	Solid	3550B	
680-29952-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
680-29952-2	TE-019-SO 11-12	T	Solid	3550B	
680-29952-3	TE-026-SS	T	Solid	3550B	
680-29952-4	TE-026-SO 10-11	T	Solid	3550B	
680-29952-5	TE-031-SS	T	Solid	3550B	
680-29952-6	TE-031-SO 10-11	T	Solid	3550B	
680-29952-7	TE-024-SS	T	Solid	3550B	
680-29952-8	TE-024-SO 7-8	T	Solid	3550B	
680-29952-9	TE-025-SS	T	Solid	3550B	
680-29952-10	TE-025-SO 11-12	T	Solid	3550B	
680-29952-11	TE-021-SS	T	Solid	3550B	
680-29952-12	TE-021-SO 8-9	T	Solid	3550B	
680-29952-13	TE-023-SS	T	Solid	3550B	
680-29952-14	TE-023-SO 10-11	T	Solid	3550B	
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	3550B	
680-29952-16	TE-022-SS	T	Solid	3550B	
680-29952-17	TE-022-SO 11-12	T	Solid	3550B	
Analysis Batch:680-86584					
LCS 680-85708/19-A	Lab Control Spike	T	Solid	8270C	680-85708
MB 680-85708/18-A	Method Blank	T	Solid	8270C	680-85708
680-29952-3	TE-026-SS	T	Solid	8270C	680-85708
Analysis Batch:680-86917					
680-29952-1	TE-019-SS	T	Solid	8270C	680-85708
680-29952-1MS	Matrix Spike	T	Solid	8270C	680-85708
680-29952-1MSD	Matrix Spike Duplicate	T	Solid	8270C	680-85708
680-29952-2	TE-019-SO 11-12	T	Solid	8270C	680-85708
680-29952-4	TE-026-SO 10-11	T	Solid	8270C	680-85708
680-29952-5	TE-031-SS	T	Solid	8270C	680-85708
680-29952-7	TE-024-SS	T	Solid	8270C	680-85708
680-29952-9	TE-025-SS	T	Solid	8270C	680-85708
680-29952-10	TE-025-SO 11-12	T	Solid	8270C	680-85708
680-29952-11	TE-021-SS	T	Solid	8270C	680-85708
680-29952-12	TE-021-SO 8-9	T	Solid	8270C	680-85708
680-29952-13	TE-023-SS	T	Solid	8270C	680-85708
680-29952-14	TE-023-SO 10-11	T	Solid	8270C	680-85708
680-29952-16	TE-022-SS	T	Solid	8270C	680-85708
680-29952-17	TE-022-SO 11-12	T	Solid	8270C	680-85708

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Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:680-86925					
680-29952-6	TE-031-SO 10-11	T	Solid	8270C	680-85708
680-29952-8	TE-024-SO 7-8	T	Solid	8270C	680-85708
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	8270C	680-85708
Prep Batch: 680-87160					
LCS 680-87160/19-A	Lab Control Spike	T	Solid	3550B	
MB 680-87160/18-A	Method Blank	T	Solid	3550B	
680-29952-4RE	TE-026-SO 10-11	T	Solid	3550B	
680-29952-11RE	TE-021-SS	T	Solid	3550B	
Analysis Batch:680-87307					
LCS 680-87160/19-A	Lab Control Spike	T	Solid	8270C	680-87160
MB 680-87160/18-A	Method Blank	T	Solid	8270C	680-87160
680-29952-4RE	TE-026-SO 10-11	T	Solid	8270C	680-87160
680-29952-11RE	TE-021-SS	T	Solid	8270C	680-87160

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 680-86702					
680-29952-1MS	Matrix Spike	S	Solid	DI Leach	
680-29952-1MSD	Matrix Spike Duplicate	S	Solid	DI Leach	
Analysis Batch:680-86727					
LCS 680-86727/4	Lab Control Spike	T	Solid	8015B	
LCS 680-86727/6	Lab Control Spike	T	Solid	8015B	
MB 680-86727/7	Method Blank	T	Solid	8015B	
680-29952-1MS	Matrix Spike	S	Solid	8015B	
680-29952-1MSD	Matrix Spike Duplicate	S	Solid	8015B	
Prep Batch: 680-86848					
680-29952-1	TE-019-SS	S	Solid	DI Leach	
680-29952-2	TE-019-SO 11-12	S	Solid	DI Leach	
680-29952-3	TE-026-SS	S	Solid	DI Leach	
680-29952-4	TE-026-SO 10-11	S	Solid	DI Leach	
680-29952-5	TE-031-SS	S	Solid	DI Leach	
680-29952-6	TE-031-SO 10-11	S	Solid	DI Leach	
680-29952-7	TE-024-SS	S	Solid	DI Leach	
680-29952-8	TE-024-SO 7-8	S	Solid	DI Leach	
680-29952-9	TE-025-SS	S	Solid	DI Leach	
680-29952-10	TE-025-SO 11-12	S	Solid	DI Leach	
680-29952-11	TE-021-SS	S	Solid	DI Leach	
680-29952-12	TE-021-SO 8-9	S	Solid	DI Leach	
680-29952-13	TE-023-SS	S	Solid	DI Leach	
680-29952-14	TE-023-SO 10-11	S	Solid	DI Leach	
680-29952-15FD	TE-023-SO 10-11 D	S	Solid	DI Leach	
680-29952-16	TE-022-SS	S	Solid	DI Leach	
680-29952-17	TE-022-SO 11-12	S	Solid	DI Leach	

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:680-87179					
LCS 680-87179/8	Lab Control Spike	T	Solid	8015B	
LCS 680-87179/9	Lab Control Spike	T	Solid	8015B	
MB 680-87179/10	Method Blank	T	Solid	8015B	
680-29952-1	TE-019-SS	S	Solid	8015B	
680-29952-2	TE-019-SO 11-12	S	Solid	8015B	
680-29952-3	TE-026-SS	S	Solid	8015B	
680-29952-4	TE-026-SO 10-11	S	Solid	8015B	
680-29952-5	TE-031-SS	S	Solid	8015B	
680-29952-6	TE-031-SO 10-11	S	Solid	8015B	
680-29952-7	TE-024-SS	S	Solid	8015B	
680-29952-8	TE-024-SO 7-8	S	Solid	8015B	
680-29952-9	TE-025-SS	S	Solid	8015B	
680-29952-10	TE-025-SO 11-12	S	Solid	8015B	
680-29952-11	TE-021-SS	S	Solid	8015B	
680-29952-12	TE-021-SO 8-9	S	Solid	8015B	
680-29952-13	TE-023-SS	S	Solid	8015B	
680-29952-14	TE-023-SO 10-11	S	Solid	8015B	
680-29952-15FD	TE-023-SO 10-11 D	S	Solid	8015B	
680-29952-16	TE-022-SS	S	Solid	8015B	
680-29952-17	TE-022-SO 11-12	S	Solid	8015B	

Report Basis

S = Soluble

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 680-85707					
LCS 680-85707/24-A	Lab Control Spike	T	Solid	3550B	
MB 680-85707/18-A	Method Blank	T	Solid	3550B	
680-29952-1	TE-019-SS	T	Solid	3550B	
680-29952-2	TE-019-SO 11-12	T	Solid	3550B	
680-29952-3	TE-026-SS	T	Solid	3550B	
680-29952-4	TE-026-SO 10-11	T	Solid	3550B	
680-29952-5	TE-031-SS	T	Solid	3550B	
680-29952-6	TE-031-SO 10-11	T	Solid	3550B	
680-29952-7	TE-024-SS	T	Solid	3550B	
680-29952-8	TE-024-SO 7-8	T	Solid	3550B	
680-29952-9	TE-025-SS	T	Solid	3550B	
680-29952-10	TE-025-SO 11-12	T	Solid	3550B	
680-29952-11	TE-021-SS	T	Solid	3550B	
680-29952-12	TE-021-SO 8-9	T	Solid	3550B	
680-29952-13	TE-023-SS	T	Solid	3550B	
680-29952-14	TE-023-SO 10-11	T	Solid	3550B	
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	3550B	
680-29952-16	TE-022-SS	T	Solid	3550B	
680-29952-17	TE-022-SO 11-12	T	Solid	3550B	
680-29952-17MS	Matrix Spike	T	Solid	3550B	
680-29952-17MSD	Matrix Spike Duplicate	T	Solid	3550B	
Prep Batch: 680-86009					
LCS 680-86009/2-A	Lab Control Spike	T	Solid	630.1	
MB 680-86009/1-A	Method Blank	T	Solid	630.1	
680-29952-1	TE-019-SS	T	Solid	630.1	
680-29952-1MS	Matrix Spike	T	Solid	630.1	
680-29952-1MSD	Matrix Spike Duplicate	T	Solid	630.1	
680-29952-2	TE-019-SO 11-12	T	Solid	630.1	
680-29952-3	TE-026-SS	T	Solid	630.1	
680-29952-4	TE-026-SO 10-11	T	Solid	630.1	
680-29952-5	TE-031-SS	T	Solid	630.1	
680-29952-6	TE-031-SO 10-11	T	Solid	630.1	
680-29952-7	TE-024-SS	T	Solid	630.1	
680-29952-8	TE-024-SO 7-8	T	Solid	630.1	
680-29952-9	TE-025-SS	T	Solid	630.1	
680-29952-10	TE-025-SO 11-12	T	Solid	630.1	
680-29952-11	TE-021-SS	T	Solid	630.1	
680-29952-12	TE-021-SO 8-9	T	Solid	630.1	
680-29952-13	TE-023-SS	T	Solid	630.1	
680-29952-14	TE-023-SO 10-11	T	Solid	630.1	
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	630.1	
680-29952-16	TE-022-SS	T	Solid	630.1	
680-29952-17	TE-022-SO 11-12	T	Solid	630.1	

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Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:680-86110					
LCS 680-85707/24-A	Lab Control Spike	T	Solid	8015B	680-85707
MB 680-85707/18-A	Method Blank	T	Solid	8015B	680-85707
680-29952-1	TE-019-SS	T	Solid	8015B	680-85707
680-29952-2	TE-019-SO 11-12	T	Solid	8015B	680-85707
680-29952-3	TE-026-SS	T	Solid	8015B	680-85707
680-29952-4	TE-026-SO 10-11	T	Solid	8015B	680-85707
680-29952-5	TE-031-SS	T	Solid	8015B	680-85707
680-29952-6	TE-031-SO 10-11	T	Solid	8015B	680-85707
680-29952-8	TE-024-SO 7-8	T	Solid	8015B	680-85707
680-29952-10	TE-025-SO 11-12	T	Solid	8015B	680-85707
680-29952-11	TE-021-SS	T	Solid	8015B	680-85707
680-29952-12	TE-021-SO 8-9	T	Solid	8015B	680-85707
680-29952-13	TE-023-SS	T	Solid	8015B	680-85707
680-29952-14	TE-023-SO 10-11	T	Solid	8015B	680-85707
Analysis Batch:680-86172					
680-29952-7	TE-024-SS	T	Solid	8015B	680-85707
680-29952-9	TE-025-SS	T	Solid	8015B	680-85707
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	8015B	680-85707
680-29952-16	TE-022-SS	T	Solid	8015B	680-85707
680-29952-17	TE-022-SO 11-12	T	Solid	8015B	680-85707
680-29952-17MS	Matrix Spike	T	Solid	8015B	680-85707
680-29952-17MSD	Matrix Spike Duplicate	T	Solid	8015B	680-85707

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:680-87264					
LCS 680-86009/2-A	Lab Control Spike	T	Solid	630.1	680-86009
MB 680-86009/1-A	Method Blank	T	Solid	630.1	680-86009
680-29952-1	TE-019-SS	T	Solid	630.1	680-86009
680-29952-1MS	Matrix Spike	T	Solid	630.1	680-86009
680-29952-1MSD	Matrix Spike Duplicate	T	Solid	630.1	680-86009
680-29952-2	TE-019-SO 11-12	T	Solid	630.1	680-86009
680-29952-3	TE-026-SS	T	Solid	630.1	680-86009
680-29952-4	TE-026-SO 10-11	T	Solid	630.1	680-86009
680-29952-5	TE-031-SS	T	Solid	630.1	680-86009
680-29952-6	TE-031-SO 10-11	T	Solid	630.1	680-86009
680-29952-7	TE-024-SS	T	Solid	630.1	680-86009
680-29952-8	TE-024-SO 7-8	T	Solid	630.1	680-86009
680-29952-9	TE-025-SS	T	Solid	630.1	680-86009
680-29952-10	TE-025-SO 11-12	T	Solid	630.1	680-86009
680-29952-11	TE-021-SS	T	Solid	630.1	680-86009
680-29952-12	TE-021-SO 8-9	T	Solid	630.1	680-86009
680-29952-13	TE-023-SS	T	Solid	630.1	680-86009
680-29952-14	TE-023-SO 10-11	T	Solid	630.1	680-86009
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	630.1	680-86009
680-29952-16	TE-022-SS	T	Solid	630.1	680-86009
680-29952-17	TE-022-SO 11-12	T	Solid	630.1	680-86009

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-85161					
LCS 680-85161/19-A	Lab Control Spike	T	Solid	3050B	
MB 680-85161/18-A	Method Blank	T	Solid	3050B	
680-29952-1	TE-019-SS	T	Solid	3050B	
680-29952-2	TE-019-SO 11-12	T	Solid	3050B	
680-29952-2MS	Matrix Spike	T	Solid	3050B	
680-29952-2MSD	Matrix Spike Duplicate	T	Solid	3050B	
680-29952-3	TE-026-SS	T	Solid	3050B	
680-29952-4	TE-026-SO 10-11	T	Solid	3050B	
680-29952-5	TE-031-SS	T	Solid	3050B	
680-29952-6	TE-031-SO 10-11	T	Solid	3050B	
680-29952-7	TE-024-SS	T	Solid	3050B	
680-29952-8	TE-024-SO 7-8	T	Solid	3050B	
680-29952-9	TE-025-SS	T	Solid	3050B	
680-29952-10	TE-025-SO 11-12	T	Solid	3050B	
680-29952-11	TE-021-SS	T	Solid	3050B	
680-29952-12	TE-021-SO 8-9	T	Solid	3050B	
680-29952-13	TE-023-SS	T	Solid	3050B	
680-29952-14	TE-023-SO 10-11	T	Solid	3050B	
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	3050B	
680-29952-16	TE-022-SS	T	Solid	3050B	
680-29952-17	TE-022-SO 11-12	T	Solid	3050B	
Analysis Batch:680-85492					
LCS 680-85161/19-A	Lab Control Spike	T	Solid	6020	680-85161
MB 680-85161/18-A	Method Blank	T	Solid	6020	680-85161
680-29952-1	TE-019-SS	T	Solid	6020	680-85161
680-29952-2	TE-019-SO 11-12	T	Solid	6020	680-85161
680-29952-2MS	Matrix Spike	T	Solid	6020	680-85161
680-29952-2MSD	Matrix Spike Duplicate	T	Solid	6020	680-85161
680-29952-3	TE-026-SS	T	Solid	6020	680-85161
680-29952-4	TE-026-SO 10-11	T	Solid	6020	680-85161
680-29952-5	TE-031-SS	T	Solid	6020	680-85161
680-29952-6	TE-031-SO 10-11	T	Solid	6020	680-85161
680-29952-7	TE-024-SS	T	Solid	6020	680-85161
680-29952-8	TE-024-SO 7-8	T	Solid	6020	680-85161
680-29952-9	TE-025-SS	T	Solid	6020	680-85161
680-29952-10	TE-025-SO 11-12	T	Solid	6020	680-85161
680-29952-11	TE-021-SS	T	Solid	6020	680-85161
680-29952-12	TE-021-SO 8-9	T	Solid	6020	680-85161
680-29952-13	TE-023-SS	T	Solid	6020	680-85161
680-29952-14	TE-023-SO 10-11	T	Solid	6020	680-85161
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	6020	680-85161
680-29952-16	TE-022-SS	T	Solid	6020	680-85161
680-29952-17	TE-022-SO 11-12	T	Solid	6020	680-85161

TestAmerica Savannah

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1
Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:680-85536					
680-29952-9	TE-025-SS	T	Solid	6020	680-85161

Report Basis
T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 680-86409					
LCS 680-86409/2-A	Lab Control Spike	T	Solid	5050	
MB 680-86409/1-A	Method Blank	T	Solid	5050	
680-29952-1	TE-019-SS	T	Solid	5050	
680-29952-2	TE-019-SO 11-12	T	Solid	5050	
680-29952-3	TE-026-SS	T	Solid	5050	
680-29952-4	TE-026-SO 10-11	T	Solid	5050	
680-29952-5	TE-031-SS	T	Solid	5050	
680-29952-6	TE-031-SO 10-11	T	Solid	5050	
680-29952-6DU	Duplicate	T	Solid	5050	
680-29952-7	TE-024-SS	T	Solid	5050	
680-29952-8	TE-024-SO 7-8	T	Solid	5050	
680-29952-9	TE-025-SS	T	Solid	5050	
Analysis Batch:680-86412					
LCS 680-86409/2-A	Lab Control Spike	T	Solid	9038	680-86409
MB 680-86409/1-A	Method Blank	T	Solid	9038	680-86409
680-29952-1	TE-019-SS	T	Solid	9038	680-86409
680-29952-2	TE-019-SO 11-12	T	Solid	9038	680-86409
680-29952-3	TE-026-SS	T	Solid	9038	680-86409
680-29952-4	TE-026-SO 10-11	T	Solid	9038	680-86409
680-29952-5	TE-031-SS	T	Solid	9038	680-86409
680-29952-6	TE-031-SO 10-11	T	Solid	9038	680-86409
680-29952-6DU	Duplicate	T	Solid	9038	680-86409
680-29952-7	TE-024-SS	T	Solid	9038	680-86409
680-29952-8	TE-024-SO 7-8	T	Solid	9038	680-86409
680-29952-9	TE-025-SS	T	Solid	9038	680-86409
Prep Batch: 680-86417					
LCS 680-86417/2-A	Lab Control Spike	T	Solid	5050	
MB 680-86417/1-A	Method Blank	T	Solid	5050	
680-29952-10	TE-025-SO 11-12	T	Solid	5050	
680-29952-10DU	Duplicate	T	Solid	5050	
680-29952-11	TE-021-SS	T	Solid	5050	
680-29952-12	TE-021-SO 8-9	T	Solid	5050	
680-29952-13	TE-023-SS	T	Solid	5050	
680-29952-14	TE-023-SO 10-11	T	Solid	5050	
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	5050	
680-29952-16	TE-022-SS	T	Solid	5050	
680-29952-17	TE-022-SO 11-12	T	Solid	5050	

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-86425					
LCS 680-86417/2-A	Lab Control Spike	T	Solid	9038	680-86417
MB 680-86417/1-A	Method Blank	T	Solid	9038	680-86417
680-29952-10	TE-025-SO 11-12	T	Solid	9038	680-86417
680-29952-10DU	Duplicate	T	Solid	9038	680-86417
680-29952-11	TE-021-SS	T	Solid	9038	680-86417
680-29952-12	TE-021-SO 8-9	T	Solid	9038	680-86417
680-29952-13	TE-023-SS	T	Solid	9038	680-86417
680-29952-14	TE-023-SO 10-11	T	Solid	9038	680-86417
680-29952-15FD	TE-023-SO 10-11 D	T	Solid	9038	680-86417
680-29952-16	TE-022-SS	T	Solid	9038	680-86417
680-29952-17	TE-022-SO 11-12	T	Solid	9038	680-86417

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>BFB %Rec</u>	<u>DBFM %Rec</u>	<u>TOL %Rec</u>
LCS 680-85582/3		101	99	101
LCS 680-85744/4		103	111	107
MB 680-85582/10		100	105	104
MB 680-85744/5		104	105	102
680-29952-2	TE-019-SO 11-12	104	105	102
680-29952-4	TE-026-SO 10-11	94	109	98
680-29952-10	TE-025-SO 11-12	92	102	103
680-29952-12	TE-021-SO 8-9	92	103	101
680-29952-15	TE-023-SO 10-11 D	82	104	101

<u>Surrogate</u>	<u>Acceptance Limits</u>
BFB	65 - 124
DBFM	65 - 124
TOL	65 - 132

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>BFB %Rec</u>	<u>DBFM %Rec</u>	<u>TOL %Rec</u>
680-29952-1	TE-019-SS	100	105	100
680-29952-3	TE-026-SS	102	103	101
680-29952-5	TE-031-SS	96	108	99
680-29952-6	TE-031-SO 10-11	101	99	104
680-29952-7	TE-024-SS	105	106	103
680-29952-8	TE-024-SO 7-8	92	107	100
680-29952-9	TE-025-SS	95	104	98
680-29952-11	TE-021-SS	97	107	105
680-29952-13	TE-023-SS	92	104	101
680-29952-14	TE-023-SO 10-11	88	113	103
680-29952-16	TE-022-SS	96	101	99
680-29952-17	TE-022-SO 11-12	93	102	105

<u>Surrogate</u>	<u>Acceptance Limits</u>
BFB	4-Bromofluorobenzene 65 - 124
DBFM	Dibromofluoromethane 65 - 124
TOL	Toluene-d8 (Surr) 65 - 132

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Surrogate Recovery Report

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

Client Matrix: Solid

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>2FP %Rec</u>	<u>FBP %Rec</u>	<u>NBZ %Rec</u>	<u>PHL %Rec</u>	<u>TBP %Rec</u>	<u>TPH %Rec</u>
680-29952-1 MS	TE-019-SS	37 X	43 X	44	40 X	44	46
680-29952-1 MSD	TE-019-SS	43	51	51	47	53	56
LCS 680-85708/19-A		53	66	65	57	62	67
LCS 680-87160/19-A		67	56	59	72	91	75
MB 680-85708/18-A		57	56	52	57	56	66
MB 680-87160/18-A		62	51	53	62	58	87
680-29952-1	TE-019-SS	47	52	44	45	56	62
680-29952-2	TE-019-SO 11-12	50	59	43	51	54	67
680-29952-3	TE-026-SS	0 D	0 D	0 D	0 D	0 D	0 D
680-29952-4	TE-026-SO 10-11	26 X	45	25 X	34 X	56	64
680-29952-4 RE	TE-026-SO 10-11	70	59	60	72	80	90
680-29952-5	TE-031-SS	55	62	51	53	60	72
680-29952-6	TE-031-SO 10-11	53	43 X	47	51	57	65
680-29952-7	TE-024-SS	44	54	43	45	52	62
680-29952-8	TE-024-SO 7-8	44	36 X	39	43	49	48
680-29952-9	TE-025-SS	0 D	0 D	0 D	0 D	0 D	0 D
680-29952-10	TE-025-SO 11-12	56	60	54	57	60	68
680-29952-11	TE-021-SS	35 X	40 X	30 X	38 X	43	55

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Surrogate Recovery Report

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

Client Matrix: Solid

		2FP %Rec	FBP %Rec	NBZ %Rec	PHL %Rec	TBP %Rec	TPH %Rec
680-29952-11 RE	TE-021-SS	53	44	46	54	69	88
680-29952-12	TE-021-SO 8-9	53	56	52	53	56	66
680-29952-13	TE-023-SS	57	62	56	57	63	67
680-29952-14	TE-023-SO 10-11	61	68	55	61	69	73
680-29952-15	TE-023-SO 10-11 D	42	36 X	38	40 X	52	53
680-29952-16	TE-022-SS	53	60	51	54	59	67
680-29952-17	TE-022-SO 11-12	53	56	51	53	55	63

Surrogate		Acceptance Limits
2FP	2-Fluorophenol	41 - 110
FBP	2-Fluorobiphenyl	44 - 110
NBZ	Nitrobenzene-d5	36 - 110
PHL	Phenol-d5	43 - 110
TBP	2,4,6-Tribromophenol	36 - 128
TPH	Terphenyl-d14	10 - 112

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>OTPH1 %Rec</u>
680-29952-17 MS	TE-022-SO 11-12	88
680-29952-17 MSD	TE-022-SO 11-12	117
LCS 680-85707/24-A		79
MB 680-85707/18-A		90
680-29952-1	TE-019-SS	75
680-29952-2	TE-019-SO 11-12	87
680-29952-3	TE-026-SS	82
680-29952-4	TE-026-SO 10-11	77
680-29952-5	TE-031-SS	86
680-29952-6	TE-031-SO 10-11	84
680-29952-7	TE-024-SS	106
680-29952-8	TE-024-SO 7-8	76
680-29952-9	TE-025-SS	0 D
680-29952-10	TE-025-SO 11-12	92
680-29952-11	TE-021-SS	83
680-29952-12	TE-021-SO 8-9	81
680-29952-13	TE-023-SS	79
680-29952-14	TE-023-SO 10-11	76

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

		OTPH1 %Rec
680-29952-15	TE-023-SO 10-11 D	90
680-29952-16	TE-022-SS	98
680-29952-17	TE-022-SO 11-12	84

Surrogate		Acceptance Limits
OTPH	o-Terphenyl	39 - 140

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85582

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 680-85582/10

Analysis Batch: 680-85582

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq745.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/16/2007 1637

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Acetone	50	U	4.4	50
Benzene	5.0	U	0.79	5.0
Bromodichloromethane	5.0	U	0.83	5.0
Bromoform	5.0	U	1.1	5.0
Bromomethane	5.0	U	1.6	5.0
Carbon disulfide	5.0	U	0.51	5.0
Carbon tetrachloride	5.0	U	1.0	5.0
Chlorobenzene	5.0	U	0.73	5.0
Chloroethane	5.0	U	1.2	5.0
Chloroform	5.0	U	0.50	5.0
Chloromethane	5.0	U	0.71	5.0
cis-1,2-Dichloroethene	5.0	U	0.63	5.0
cis-1,3-Dichloropropene	5.0	U	0.87	5.0
Cyclohexane	10	U	0.60	10
Dibromochloromethane	5.0	U	0.50	5.0
1,2-Dibromo-3-Chloropropane	10	U	2.8	10
1,2-Dibromoethane	5.0	U	1.5	5.0
1,2-Dichlorobenzene	5.0	U	0.65	5.0
1,3-Dichlorobenzene	5.0	U	0.83	5.0
1,4-Dichlorobenzene	5.0	U	0.51	5.0
Dichlorodifluoromethane	5.0	U	0.89	5.0
1,1-Dichloroethane	5.0	U	0.50	5.0
1,2-Dichloroethane	5.0	U	1.0	5.0
1,1-Dichloroethene	5.0	U	0.54	5.0
1,2-Dichloropropane	5.0	U	1.1	5.0
Ethylbenzene	5.0	U	0.75	5.0
2-Hexanone	25	U	2.1	25
Isopropylbenzene	5.0	U	0.50	5.0
Methyl acetate	10	U	2.2	10
Methylcyclohexane	10	U	0.72	10
Methylene Chloride	5.0	U	1.0	5.0
Methyl ethyl ketone (MEK)	25	U	2.7	25
Methyl isobutyl ketone (MIBK)	25	U	2.9	25
Methyl tert-butyl ether	50	U	2.2	50
Styrene	5.0	U	0.66	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.4	5.0
Tetrachloroethene	5.0	U	0.73	5.0
Toluene	5.0	U	0.79	5.0
trans-1,2-Dichloroethene	5.0	U	0.97	5.0
trans-1,3-Dichloropropene	5.0	U	0.87	5.0
1,2,4-Trichlorobenzene	5.0	U	1.0	5.0

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85582

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-85582/10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/16/2007 1637
Date Prepared: N/A

Analysis Batch: 680-85582
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq745.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	5.0	U	0.58	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Trichloroethene	5.0	U	1.0	5.0
Trichlorofluoromethane	5.0	U	1.5	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	0.66	5.0
1,2,4-Trimethylbenzene	5.0	U	0.53	5.0
1,3,5-Trimethylbenzene	5.0	U	0.87	5.0
Vinyl chloride	5.0	U	0.58	5.0
Xylenes, Total	10	U	2.3	10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	65 - 124
Dibromofluoromethane	105	65 - 124
Toluene-d8 (Surr)	104	65 - 132

Method Blank TICs- Batch: 680-85582

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon Dioxide	1.05	740	J N
	Unknown	2.35	11	J
	Unknown	1.68	13	J
	Unknown	1.84	5.1	J
	Unknown	1.35	6.8	J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-85582

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-85582/3

Analysis Batch: 680-85582

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq740.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/16/2007 1506

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	66.1	66	16 - 202	
Benzene	50.0	55.1	110	63 - 130	
Bromodichloromethane	50.0	48.7	97	64 - 137	
Bromoform	50.0	43.7	87	66 - 127	
Bromomethane	50.0	58.1	116	54 - 146	
Carbon disulfide	50.0	49.0	98	46 - 134	
Carbon tetrachloride	50.0	59.0	118	60 - 136	
Chlorobenzene	50.0	48.6	97	77 - 120	
Chloroethane	50.0	52.5	105	26 - 166	
Chloroform	50.0	50.1	100	68 - 127	
Chloromethane	50.0	54.9	110	46 - 137	
cis-1,2-Dichloroethene	50.0	52.6	105	58 - 143	
cis-1,3-Dichloropropene	50.0	48.5	97	66 - 137	
Cyclohexane	50.0	54.5	109	41 - 151	
Dibromochloromethane	50.0	45.7	91	70 - 126	
1,2-Dibromo-3-Chloropropane	50.0	39.1	78	62 - 140	
1,2-Dibromoethane	50.0	46.8	94	61 - 138	
1,2-Dichlorobenzene	50.0	49.3	99	75 - 123	
1,3-Dichlorobenzene	50.0	48.4	97	74 - 123	
1,4-Dichlorobenzene	50.0	49.1	98	75 - 122	
Dichlorodifluoromethane	50.0	60.1	120	17 - 163	
1,1-Dichloroethane	50.0	51.2	102	65 - 130	
1,2-Dichloroethane	50.0	51.6	103	62 - 140	
1,1-Dichloroethene	50.0	50.0	100	59 - 137	
1,2-Dichloropropane	50.0	51.4	103	66 - 135	
Ethylbenzene	50.0	51.2	102	77 - 121	
2-Hexanone	100	89.8	90	47 - 151	
Isopropylbenzene	50.0	46.7	93	74 - 124	
Methyl acetate	50.0	51.0	102	41 - 151	
Methylcyclohexane	50.0	57.4	115	63 - 137	
Methylene Chloride	50.0	54.4	109	65 - 126	
Methyl ethyl ketone (MEK)	100	93.8	94	19 - 192	
Methyl isobutyl ketone (MIBK)	100	86.1	86	50 - 148	
Methyl tert-butyl ether	100	90.5	91	68 - 128	
Styrene	50.0	44.9	90	75 - 123	
1,1,2,2-Tetrachloroethane	50.0	43.5	87	65 - 130	
Tetrachloroethene	50.0	51.8	104	76 - 120	
Toluene	50.0	51.3	103	67 - 132	
trans-1,2-Dichloroethene	50.0	44.4	89	66 - 127	
trans-1,3-Dichloropropene	50.0	44.4	89	64 - 138	
1,2,4-Trichlorobenzene	50.0	51.8	104	74 - 130	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-85582

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-85582/3

Analysis Batch: 680-85582

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq740.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/16/2007 1506

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	54.7	109	56 - 140	
1,1,2-Trichloroethane	50.0	47.5	95	62 - 138	
Trichloroethene	50.0	51.3	103	68 - 133	
Trichlorofluoromethane	50.0	53.1	106	33 - 152	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	57.5	115	49 - 138	
1,2,4-Trimethylbenzene	50.0	47.8	96	68 - 130	
1,3,5-Trimethylbenzene	50.0	45.7	91	67 - 131	
Vinyl chloride	50.0	51.3	103	56 - 139	
Xylenes, Total	150	144	96	76 - 122	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	101		65 - 124		
Dibromofluoromethane	99		65 - 124		
Toluene-d8 (Surr)	101		65 - 132		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85744

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 680-85744/5

Analysis Batch: 680-85744

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq754.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/17/2007 1133

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Acetone	50	U	4.4	50
Benzene	5.0	U	0.79	5.0
Bromodichloromethane	5.0	U	0.83	5.0
Bromoform	5.0	U	1.1	5.0
Bromomethane	5.0	U	1.6	5.0
Carbon disulfide	5.0	U	0.51	5.0
Carbon tetrachloride	5.0	U	1.0	5.0
Chlorobenzene	5.0	U	0.73	5.0
Chloroethane	5.0	U	1.2	5.0
Chloroform	5.0	U	0.50	5.0
Chloromethane	5.0	U	0.71	5.0
cis-1,2-Dichloroethene	5.0	U	0.63	5.0
cis-1,3-Dichloropropene	5.0	U	0.87	5.0
Cyclohexane	10	U	0.60	10
Dibromochloromethane	5.0	U	0.50	5.0
1,2-Dibromo-3-Chloropropane	10	U	2.8	10
1,2-Dibromoethane	5.0	U	1.5	5.0
1,2-Dichlorobenzene	5.0	U	0.65	5.0
1,3-Dichlorobenzene	5.0	U	0.83	5.0
1,4-Dichlorobenzene	5.0	U	0.51	5.0
Dichlorodifluoromethane	5.0	U	0.89	5.0
1,1-Dichloroethane	5.0	U	0.50	5.0
1,2-Dichloroethane	5.0	U	1.0	5.0
1,1-Dichloroethene	5.0	U	0.54	5.0
1,2-Dichloropropane	5.0	U	1.1	5.0
Ethylbenzene	5.0	U	0.75	5.0
2-Hexanone	25	U	2.1	25
Isopropylbenzene	5.0	U	0.50	5.0
Methyl acetate	10	U	2.2	10
Methylcyclohexane	10	U	0.72	10
Methylene Chloride	5.0	U	1.0	5.0
Methyl ethyl ketone (MEK)	25	U	2.7	25
Methyl isobutyl ketone (MIBK)	25	U	2.9	25
Methyl tert-butyl ether	50	U	2.2	50
Styrene	5.0	U	0.66	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.4	5.0
Tetrachloroethene	5.0	U	0.73	5.0
Toluene	5.0	U	0.79	5.0
trans-1,2-Dichloroethene	5.0	U	0.97	5.0
trans-1,3-Dichloropropene	5.0	U	0.87	5.0
1,2,4-Trichlorobenzene	5.0	U	1.0	5.0

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85744

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-85744/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/17/2007 1133
Date Prepared: N/A

Analysis Batch: 680-85744
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq754.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	5.0	U	0.58	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Trichloroethene	5.0	U	1.0	5.0
Trichlorofluoromethane	5.0	U	1.5	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	0.66	5.0
1,2,4-Trimethylbenzene	5.0	U	0.53	5.0
1,3,5-Trimethylbenzene	5.0	U	0.87	5.0
Vinyl chloride	5.0	U	0.58	5.0
Xylenes, Total	10	U	2.3	10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	104	65 - 124
Dibromofluoromethane	105	65 - 124
Toluene-d8 (Surr)	102	65 - 132

Method Blank TICs- Batch: 680-85744

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon Dioxide	1.04	650	J N
	Unknown	2.11	13	J
	Unknown	1.66	56	J
	Unknown	1.73	7.2	J
	Unknown	2.36	7.4	J
	Unknown	1.81	7.7	J
	Unknown	2.20	7.7	J
	Unknown	1.96	8.9	J
	Unknown Alkene	7.95	42	J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-85744

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-85744/4

Analysis Batch: 680-85744

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq748.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/17/2007 0906

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	108	108	16 - 202	
Benzene	50.0	55.6	111	63 - 130	
Bromodichloromethane	50.0	53.0	106	64 - 137	
Bromoform	50.0	44.4	89	66 - 127	
Bromomethane	50.0	64.9	130	54 - 146	
Carbon disulfide	50.0	54.7	109	46 - 134	
Carbon tetrachloride	50.0	58.9	118	60 - 136	
Chlorobenzene	50.0	50.4	101	77 - 120	
Chloroethane	50.0	59.8	120	26 - 166	
Chloroform	50.0	56.7	113	68 - 127	
Chloromethane	50.0	59.5	119	46 - 137	
cis-1,2-Dichloroethene	50.0	57.1	114	58 - 143	
cis-1,3-Dichloropropene	50.0	52.1	104	66 - 137	
Cyclohexane	50.0	58.8	118	41 - 151	
Dibromochloromethane	50.0	48.2	96	70 - 126	
1,2-Dibromo-3-Chloropropane	50.0	43.4	87	62 - 140	
1,2-Dibromoethane	50.0	49.1	98	61 - 138	
1,2-Dichlorobenzene	50.0	53.4	107	75 - 123	
1,3-Dichlorobenzene	50.0	54.3	109	74 - 123	
1,4-Dichlorobenzene	50.0	53.0	106	75 - 122	
Dichlorodifluoromethane	50.0	59.4	119	17 - 163	
1,1-Dichloroethane	50.0	53.8	108	65 - 130	
1,2-Dichloroethane	50.0	56.1	112	62 - 140	
1,1-Dichloroethene	50.0	57.0	114	59 - 137	
1,2-Dichloropropane	50.0	53.8	108	66 - 135	
Ethylbenzene	50.0	50.0	100	77 - 121	
2-Hexanone	100	110	110	47 - 151	
Isopropylbenzene	50.0	51.3	103	74 - 124	
Methyl acetate	50.0	57.6	115	41 - 151	
Methylcyclohexane	50.0	59.7	119	63 - 137	
Methylene Chloride	50.0	55.2	110	65 - 126	
Methyl ethyl ketone (MEK)	100	139	139	19 - 192	
Methyl isobutyl ketone (MIBK)	100	95.1	95	50 - 148	
Methyl tert-butyl ether	100	102	102	68 - 128	
Styrene	50.0	48.2	96	75 - 123	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	65 - 130	
Tetrachloroethene	50.0	53.7	107	76 - 120	
Toluene	50.0	51.7	103	67 - 132	
trans-1,2-Dichloroethene	50.0	54.5	109	66 - 127	
trans-1,3-Dichloropropene	50.0	51.0	102	64 - 138	
1,2,4-Trichlorobenzene	50.0	56.0	112	74 - 130	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-85744

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-85744/4

Analysis Batch: 680-85744

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq748.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/17/2007 0906

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	55.9	112	56 - 140	
1,1,2-Trichloroethane	50.0	51.3	103	62 - 138	
Trichloroethene	50.0	56.3	113	68 - 133	
Trichlorofluoromethane	50.0	62.5	125	33 - 152	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	62.3	125	49 - 138	
1,2,4-Trimethylbenzene	50.0	54.7	109	68 - 130	
1,3,5-Trimethylbenzene	50.0	50.7	101	67 - 131	
Vinyl chloride	50.0	59.8	120	56 - 139	
Xylenes, Total	150	152	101	76 - 122	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	103		65 - 124		
Dibromofluoromethane	111		65 - 124		
Toluene-d8 (Surr)	107		65 - 132		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85708

Method: 8270C

Preparation: 3550B

Lab Sample ID: MB 680-85708/18-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/26/2007 1455

Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86584

Prep Batch: 680-85708

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E

Lab File ID: e6533.d

Initial Weight/Volume: 30.02 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	17	330
Acenaphthylene	330	U	17	330
Acetophenone	330	U	17	330
Aniline	660	U	17	660
Anthracene	330	U	17	330
Atrazine	330	U	17	330
Benzaldehyde	330	U	43	330
Benzidine	2700	U	830	2700
Benzo[a]anthracene	330	U	33	330
Benzo[a]pyrene	330	U	17	330
Benzo[b]fluoranthene	330	U	17	330
Benzo[g,h,i]perylene	330	U	24	330
Benzo[k]fluoranthene	330	U	17	330
1,1'-Biphenyl	330	U	17	330
Bis(2-chloroethoxy)methane	330	U	17	330
Bis(2-chloroethyl)ether	330	U	17	330
Bis(2-ethylhexyl) phthalate	330	U	32	330
4-Bromophenyl phenyl ether	330	U	17	330
Butyl benzyl phthalate	330	U	17	330
Caprolactam	330	U	17	330
Carbazole	330	U	17	330
4-Chloroaniline	660	U	17	660
4-Chloro-3-methylphenol	330	U	67	330
2-Chloronaphthalene	330	U	17	330
2-Chlorophenol	330	U	17	330
4-Chlorophenyl phenyl ether	330	U	23	330
Chrysene	330	U	17	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	17	330
3,3'-Dichlorobenzidine	660	U	17	660
2,4-Dichlorophenol	330	U	170	330
Diethyl phthalate	330	U	18	330
2,4-Dimethylphenol	330	U	17	330
Dimethyl phthalate	330	U	67	330
Di-n-butyl phthalate	330	U	17	330
4,6-Dinitro-2-methylphenol	1700	U	330	1700
2,4-Dinitrophenol	1700	U	160	1700
2,4-Dinitrotoluene	330	U	21	330
2,6-Dinitrotoluene	330	U	20	330
Di-n-octyl phthalate	330	U	19	330
1,4-Dioxane	330	U	83	330

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85708

Method: 8270C

Preparation: 3550B

Lab Sample ID: MB 680-85708/18-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/26/2007 1455

Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86584

Prep Batch: 680-85708

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E

Lab File ID: e6533.d

Initial Weight/Volume: 30.02 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Fluoranthene	330	U	17	330
Fluorene	330	U	20	330
Hexachlorobenzene	330	U	20	330
Hexachlorobutadiene	330	U	21	330
Hexachlorocyclopentadiene	330	U	170	330
Hexachloroethane	330	U	17	330
Indeno[1,2,3-cd]pyrene	330	U	29	330
Isophorone	330	U	17	330
Mercaptobenzothiazole	1700	U	1700	1700
2-Methylnaphthalene	330	U	17	330
2-Methylphenol	330	U	21	330
3 & 4 Methylphenol	330	U	21	330
Naphthalene	330	U	17	330
2-Nitroaniline	1700	U	170	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	170	1700
Nitrobenzene	330	U	17	330
2-Nitrophenol	330	U	23	330
4-Nitrophenol	1700	U	170	1700
N-Nitrosodimethylamine	330	U	170	330
N-Nitrosodi-n-propylamine	330	U	17	330
N-Nitrosodiphenylamine	330	U	33	330
2,2'-oxybis[1-chloropropane]	330	U	17	330
Pentachlorophenol	1700	U	170	1700
Phenanthrene	330	U	17	330
Phenol	330	U	17	330
Pyrene	330	U	17	330
2,4,5-Trichlorophenol	330	U	67	330
2,4,6-Trichlorophenol	330	U	67	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	56	44 - 110
2-Fluorophenol	57	41 - 110
Nitrobenzene-d5	52	36 - 110
Phenol-d5	57	43 - 110
Terphenyl-d14	66	10 - 112
2,4,6-Tribromophenol	56	36 - 128

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank TICs- Batch: 680-85708

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	3.42	8500	A J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-85708

Method: 8270C

Preparation: 3550B

Lab Sample ID: LCS 680-85708/19-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/26/2007 1518

Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86584

Prep Batch: 680-85708

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E

Lab File ID: e6534.d

Initial Weight/Volume: 30.03 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2020	61	44 - 110	
Acenaphthylene	3330	2000	60	49 - 110	
Acetophenone	3330	852	26	40 - 110	*
Aniline	3330	1010	30	10 - 110	
Anthracene	3330	2120	64	52 - 110	
Atrazine	3330	2080	63	53 - 121	
Benzaldehyde	3330	417	13	10 - 110	
Benztidine	3330	1540	46	10 - 110	J
Benzo[a]anthracene	3330	2100	63	53 - 113	
Benzo[a]pyrene	3330	2090	63	51 - 115	
Benzo[b]fluoranthene	3330	2020	61	45 - 119	
Benzo[g,h,i]perylene	3330	2030	61	49 - 116	
Benzo[k]fluoranthene	3330	2200	66	50 - 115	
1,1'-Biphenyl	3330	1950	58	47 - 110	
Bis(2-chloroethoxy)methane	3330	1880	56	46 - 110	
Bis(2-chloroethyl)ether	3330	1590	48	39 - 110	
Bis(2-ethylhexyl) phthalate	3330	2340	70	51 - 120	
4-Bromophenyl phenyl ether	3330	1950	59	43 - 110	
Butyl benzyl phthalate	3330	2370	71	54 - 124	
Caprolactam	3330	1960	59	44 - 124	
Carbazole	3330	2240	67	49 - 112	
4-Chloroaniline	3330	1570	47	21 - 110	
4-Chloro-3-methylphenol	3330	1960	59	46 - 110	
2-Chloronaphthalene	3330	1960	59	46 - 110	
2-Chlorophenol	3330	1820	55	44 - 110	
4-Chlorophenyl phenyl ether	3330	1950	59	47 - 110	
Chrysene	3330	2090	63	54 - 115	
Dibenz(a,h)anthracene	3330	2090	63	50 - 115	
Dibenzofuran	3330	2000	60	48 - 110	
3,3'-Dichlorobenzidine	3330	1950	59	27 - 110	
2,4-Dichlorophenol	3330	1870	56	46 - 110	
Diethyl phthalate	3330	2090	63	47 - 110	
2,4-Dimethylphenol	3330	1870	56	44 - 110	
Dimethyl phthalate	3330	2050	62	48 - 110	
Di-n-butyl phthalate	3330	2310	69	49 - 115	
4,6-Dinitro-2-methylphenol	3330	2670	80	10 - 126	
2,4-Dinitrophenol	3330	2260	68	10 - 119	
2,4-Dinitrotoluene	3330	2170	65	46 - 116	
2,6-Dinitrotoluene	3330	2170	65	45 - 118	
Di-n-octyl phthalate	3330	2290	69	49 - 122	
1,4-Dioxane	3330	789	24	10 - 110	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-85708

Method: 8270C

Preparation: 3550B

Lab Sample ID: LCS 680-85708/19-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/26/2007 1518

Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86584

Prep Batch: 680-85708

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E

Lab File ID: e6534.d

Initial Weight/Volume: 30.03 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	3330	2170	65	48 - 116	
Fluorene	3330	2060	62	48 - 110	
Hexachlorobenzene	3330	2080	62	50 - 110	
Hexachlorobutadiene	3330	2000	60	44 - 110	
Hexachlorocyclopentadiene	3330	1000	30	26 - 110	
Hexachloroethane	3330	1780	53	36 - 110	
Indeno[1,2,3-cd]pyrene	3330	2120	64	45 - 128	
Isophorone	3330	1960	59	44 - 110	
Mercaptobenzothiazole	3330	850	26	70 - 130	U *
2-Methylnaphthalene	3330	1880	57	45 - 110	
2-Methylphenol	3330	1690	51	44 - 110	
3 & 4 Methylphenol	3330	1730	52	43 - 110	
Naphthalene	3330	1860	56	44 - 110	
2-Nitroaniline	3330	2230	67	42 - 110	
3-Nitroaniline	3330	1830	55	30 - 110	
4-Nitroaniline	3330	1900	57	32 - 117	
Nitrobenzene	3330	1830	55	41 - 110	
2-Nitrophenol	3330	1930	58	38 - 110	
4-Nitrophenol	3330	1690	51	30 - 119	J
N-Nitrosodimethylamine	3330	1760	53	26 - 110	
N-Nitrosodi-n-propylamine	3330	1900	57	41 - 110	
N-Nitrosodiphenylamine	3330	2380	72	53 - 110	
2,2'-oxybis[1-chloropropane]	3330	2030	61	31 - 110	
Pentachlorophenol	3330	2040	61	28 - 117	
Phenanthrene	3330	2120	64	51 - 110	
Phenol	3330	1860	56	41 - 110	
Pyrene	3330	2090	63	54 - 112	
2,4,5-Trichlorophenol	3330	2090	63	48 - 110	
2,4,6-Trichlorophenol	3330	2010	60	46 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	66	44 - 110
2-Fluorophenol	53	41 - 110
Nitrobenzene-d5	65	36 - 110
Phenol-d5	57	43 - 110
Terphenyl-d14	67	10 - 112
2,4,6-Tribromophenol	62	36 - 128

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85708

Method: 8270C

Preparation: 3550B

MS Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2007 1802
Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86917
Prep Batch: 680-85708

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6551.d
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2007 1825
Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86917
Prep Batch: 680-85708

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6552.d
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acenaphthene	44	54	44 - 110	21	50		
Acenaphthylene	44	55	49 - 110	21	50	F	
Acetophenone	18	22	40 - 110	20	50	F	F
Aniline	23	28	10 - 110	21	50		
Anthracene	47	58	52 - 110	22	50	F	
Atrazine	46	59	53 - 121	24	50	F	
Benzaldehyde	11	13	10 - 110	18	50		
Benidine	22	22	10 - 110	NC	50	U	U
Benzo[a]anthracene	51	58	53 - 113	14	50	F	
Benzo[a]pyrene	47	58	51 - 115	21	50	F	
Benzo[b]fluoranthene	45	56	45 - 119	22	50		
Benzo[g,h,i]perylene	44	54	49 - 116	19	50	F	
Benzo[k]fluoranthene	48	59	50 - 115	20	50	F	
1,1'-Biphenyl	42	51	47 - 110	20	50	F	
Bis(2-chloroethoxy)methane	42	51	46 - 110	19	50	F	
Bis(2-chloroethyl)ether	35	43	39 - 110	20	50	F	
Bis(2-ethylhexyl) phthalate	48	63	51 - 120	25	50	F	
4-Bromophenyl phenyl ether	43	54	43 - 110	24	50		
Butyl benzyl phthalate	54	68	54 - 124	23	50		
Caprolactam	44	55	44 - 124	22	50		
Carbazole	50	62	49 - 112	21	50		
4-Chloroaniline	36	44	21 - 110	21	50		
4-Chloro-3-methylphenol	45	58	46 - 110	25	50	F	
2-Chloronaphthalene	42	51	46 - 110	20	50	F	
2-Chlorophenol	40	50	44 - 110	21	50	F	
4-Chlorophenyl phenyl ether	43	55	47 - 110	23	50	F	
Chrysene	46	61	54 - 115	28	50	F	
Dibenz(a,h)anthracene	45	56	50 - 115	22	50	F	
Dibenzofuran	44	55	48 - 110	22	50	F	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85708

Method: 8270C

Preparation: 3550B

MS Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2007 1802
Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86917
Prep Batch: 680-85708

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6551.d
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2007 1825
Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86917
Prep Batch: 680-85708

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6552.d
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
3,3'-Dichlorobenzidine	48	56	27 - 110	16	50		
2,4-Dichlorophenol	42	52	46 - 110	22	50	F	
Diethyl phthalate	47	60	47 - 110	25	50		
2,4-Dimethylphenol	42	54	44 - 110	23	50	F	
Dimethyl phthalate	46	57	48 - 110	23	50	F	
Di-n-butyl phthalate	51	65	49 - 115	24	50		
4,6-Dinitro-2-methylphenol	60	76	10 - 126	24	50		
2,4-Dinitrophenol	51	67	10 - 119	27	50	J	
2,4-Dinitrotoluene	49	61	46 - 116	22	50		
2,6-Dinitrotoluene	48	61	45 - 118	24	50		
Di-n-octyl phthalate	53	66	49 - 122	23	50		
1,4-Dioxane	13	16	10 - 110	18	50		
Fluoranthene	48	60	48 - 116	23	50		
Fluorene	46	57	48 - 110	22	50	F	
Hexachlorobenzene	46	57	50 - 110	21	50	F	
Hexachlorobutadiene	43	52	44 - 110	20	50	F	
Hexachlorocyclopentadiene	0	1	26 - 110	NC	50	U F	U F
Hexachloroethane	37	45	36 - 110	20	50		
Indeno[1,2,3-cd]pyrene	47	58	45 - 128	19	50		
Isophorone	42	52	44 - 110	21	50	F	
Mercaptobenzothiazole	57	83	70 - 130	37	50	F	
2-Methylnaphthalene	41	52	45 - 110	22	50	F	
2-Methylphenol	41	52	44 - 110	23	50	F	
3 & 4 Methylphenol	41	51	43 - 110	22	50	F	
Naphthalene	41	49	44 - 110	20	50	F	
2-Nitroaniline	49	63	42 - 110	25	50	J	
3-Nitroaniline	44	55	30 - 110	22	50	J	
4-Nitroaniline	45	57	32 - 117	24	50	J	
Nitrobenzene	39	47	41 - 110	18	50	F	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85708

Method: 8270C

Preparation: 3550B

MS Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2007 1802
Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86917
Prep Batch: 680-85708

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6551.d
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2007 1825
Date Prepared: 09/19/2007 1515

Analysis Batch: 680-86917
Prep Batch: 680-85708

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6552.d
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2-Nitrophenol	43	52	38 - 110	19	50		
4-Nitrophenol	41	53	30 - 119	25	50	J	
N-Nitrosodimethylamine	35	41	26 - 110	17	50		
N-Nitrosodi-n-propylamine	41	52	41 - 110	24	50		
N-Nitrosodiphenylamine	53	66	53 - 110	21	50		
2,2'-oxybis[1-chloropropane]	43	53	31 - 110	21	50		
Pentachlorophenol	48	59	28 - 117	20	50	J	
Phenanthrene	49	60	51 - 110	21	50	F	
Phenol	42	47	41 - 110	12	50		
Pyrene	46	57	54 - 112	21	50	F	
2,4,5-Trichlorophenol	46	58	48 - 110	22	50	F	
2,4,6-Trichlorophenol	45	55	46 - 110	21	50	F	

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits	
2-Fluorobiphenyl	43	X	51		44 - 110	
2-Fluorophenol	37	X	43		41 - 110	
Nitrobenzene-d5	44		51		36 - 110	
Phenol-d5	40	X	47		43 - 110	
Terphenyl-d14	46		56		10 - 112	
2,4,6-Tribromophenol	44		53		36 - 128	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-87160

Method: 8270C

Preparation: 3550B

Lab Sample ID: MB 680-87160/18-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 10/03/2007 1615

Date Prepared: 10/02/2007 1945

Analysis Batch: 680-87307

Prep Batch: 680-87160

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3667.d

Initial Weight/Volume: 30.21 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	17	330
Acenaphthylene	330	U	17	330
Acetophenone	330	U	17	330
Aniline	660	U	17	660
Anthracene	330	U	17	330
Atrazine	330	U	17	330
Benzaldehyde	330	U	43	330
Benzidine	2700	U	820	2700
Benzo[a]anthracene	330	U	33	330
Benzo[a]pyrene	330	U	17	330
Benzo[b]fluoranthene	330	U	17	330
Benzo[g,h,i]perylene	330	U	24	330
Benzo[k]fluoranthene	330	U	17	330
1,1'-Biphenyl	330	U	17	330
Bis(2-chloroethoxy)methane	330	U	17	330
Bis(2-chloroethyl)ether	330	U	17	330
Bis(2-ethylhexyl) phthalate	330	U	32	330
4-Bromophenyl phenyl ether	330	U	17	330
Butyl benzyl phthalate	330	U	17	330
Caprolactam	330	U	17	330
Carbazole	330	U	17	330
4-Chloroaniline	660	U	17	660
4-Chloro-3-methylphenol	330	U	67	330
2-Chloronaphthalene	330	U	17	330
2-Chlorophenol	330	U	17	330
4-Chlorophenyl phenyl ether	330	U	23	330
Chrysene	330	U	17	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	17	330
3,3'-Dichlorobenzidine	660	U	17	660
2,4-Dichlorophenol	330	U	170	330
Diethyl phthalate	330	U	18	330
2,4-Dimethylphenol	330	U	17	330
Dimethyl phthalate	330	U	67	330
Di-n-butyl phthalate	330	U	17	330
4,6-Dinitro-2-methylphenol	1700	U	330	1700
2,4-Dinitrophenol	1700	U	160	1700
2,4-Dinitrotoluene	330	U	21	330
2,6-Dinitrotoluene	330	U	20	330
Di-n-octyl phthalate	330	U	19	330
1,4-Dioxane	330	U	82	330

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-87160

Method: 8270C

Preparation: 3550B

Lab Sample ID: MB 680-87160/18-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 10/03/2007 1615

Date Prepared: 10/02/2007 1945

Analysis Batch: 680-87307

Prep Batch: 680-87160

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3667.d

Initial Weight/Volume: 30.21 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Fluoranthene	330	U	17	330
Fluorene	330	U	20	330
Hexachlorobenzene	330	U	20	330
Hexachlorobutadiene	330	U	21	330
Hexachlorocyclopentadiene	330	U	170	330
Hexachloroethane	330	U	17	330
Indeno[1,2,3-cd]pyrene	330	U	29	330
Isophorone	330	U	17	330
Mercaptobenzothiazole	1700	U	1700	1700
2-Methylnaphthalene	330	U	17	330
2-Methylphenol	330	U	21	330
3 & 4 Methylphenol	330	U	21	330
Naphthalene	330	U	17	330
2-Nitroaniline	1700	U	170	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	170	1700
Nitrobenzene	330	U	17	330
2-Nitrophenol	330	U	23	330
4-Nitrophenol	1700	U	170	1700
N-Nitrosodimethylamine	330	U	170	330
N-Nitrosodi-n-propylamine	330	U	17	330
N-Nitrosodiphenylamine	330	U	33	330
2,2'-oxybis[1-chloropropane]	330	U	17	330
Pentachlorophenol	1700	U	170	1700
Phenanthrene	330	U	17	330
Phenol	330	U	17	330
Pyrene	330	U	17	330
2,4,5-Trichlorophenol	330	U	67	330
2,4,6-Trichlorophenol	330	U	67	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	51	44 - 110
2-Fluorophenol	62	41 - 110
Nitrobenzene-d5	53	36 - 110
Phenol-d5	62	43 - 110
Terphenyl-d14	87	10 - 112
2,4,6-Tribromophenol	58	36 - 128

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank TICs- Batch: 680-87160

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	3.17	24000	A J
	Unknown Organic Acid	3.77	140	J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-87160

Method: 8270C

Preparation: 3550B

Lab Sample ID: LCS 680-87160/19-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 10/03/2007 1637

Date Prepared: 10/02/2007 1945

Analysis Batch: 680-87307

Prep Batch: 680-87160

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3668.d

Initial Weight/Volume: 30.01 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2210	66	44 - 110	
Acenaphthylene	3330	2350	71	49 - 110	
Acetophenone	3330	885	27	40 - 110	*
Aniline	3330	1590	48	10 - 110	
Anthracene	3330	2510	75	52 - 110	
Atrazine	3330	2980	89	53 - 121	
Benzaldehyde	3330	423	13	10 - 110	
Benzydine	3330	2430	73	10 - 110	J
Benzo[a]anthracene	3330	2520	75	53 - 113	
Benzo[a]pyrene	3330	2290	69	51 - 115	
Benzo[b]fluoranthene	3330	2310	69	45 - 119	
Benzo[g,h,i]perylene	3330	2380	72	49 - 116	
Benzo[k]fluoranthene	3330	2770	83	50 - 115	
1,1'-Biphenyl	3330	1830	55	47 - 110	
Bis(2-chloroethoxy)methane	3330	2130	64	46 - 110	
Bis(2-chloroethyl)ether	3330	1820	55	39 - 110	
Bis(2-ethylhexyl) phthalate	3330	2080	63	51 - 120	
4-Bromophenyl phenyl ether	3330	1930	58	43 - 110	
Butyl benzyl phthalate	3330	2620	79	54 - 124	
Caprolactam	3330	2770	83	44 - 124	
Carbazole	3330	2600	78	49 - 112	
4-Chloroaniline	3330	1860	56	21 - 110	
4-Chloro-3-methylphenol	3330	2510	75	46 - 110	
2-Chloronaphthalene	3330	2220	67	46 - 110	
2-Chlorophenol	3330	2160	65	44 - 110	
4-Chlorophenyl phenyl ether	3330	2500	75	47 - 110	
Chrysene	3330	2590	78	54 - 115	
Dibenz(a,h)anthracene	3330	2240	67	50 - 115	
Dibenzofuran	3330	2380	71	48 - 110	
3,3'-Dichlorobenzidine	3330	2000	60	27 - 110	
2,4-Dichlorophenol	3330	2290	69	46 - 110	
Diethyl phthalate	3330	2460	74	47 - 110	
2,4-Dimethylphenol	3330	2380	71	44 - 110	
Dimethyl phthalate	3330	2400	72	48 - 110	
Di-n-butyl phthalate	3330	2150	64	49 - 115	
4,6-Dinitro-2-methylphenol	3330	2180	66	10 - 126	
2,4-Dinitrophenol	3330	1260	38	10 - 119	J
2,4-Dinitrotoluene	3330	2660	80	46 - 116	
2,6-Dinitrotoluene	3330	2510	75	45 - 118	
Di-n-octyl phthalate	3330	2010	60	49 - 122	
1,4-Dioxane	3330	958	29	10 - 110	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Lab Control Spike - Batch: 680-87160

Method: 8270C

Preparation: 3550B

Lab Sample ID: LCS 680-87160/19-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 10/03/2007 1637

Date Prepared: 10/02/2007 1945

Analysis Batch: 680-87307

Prep Batch: 680-87160

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3668.d

Initial Weight/Volume: 30.01 g

Final Weight/Volume: 1.0 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	3330	2600	78	48 - 116	
Fluorene	3330	2480	74	48 - 110	
Hexachlorobenzene	3330	2600	78	50 - 110	
Hexachlorobutadiene	3330	2140	64	44 - 110	
Hexachlorocyclopentadiene	3330	1140	34	26 - 110	
Hexachloroethane	3330	1830	55	36 - 110	
Indeno[1,2,3-cd]pyrene	3330	2090	63	45 - 128	
Isophorone	3330	2060	62	44 - 110	
Mercaptobenzothiazole	3330	1250	37	70 - 130	U *
2-Methylnaphthalene	3330	2270	68	45 - 110	
2-Methylphenol	3330	2340	70	44 - 110	
3 & 4 Methylphenol	3330	2290	69	43 - 110	
Naphthalene	3330	2080	62	44 - 110	
2-Nitroaniline	3330	2300	69	42 - 110	
3-Nitroaniline	3330	2340	70	30 - 110	
4-Nitroaniline	3330	2800	84	32 - 117	
Nitrobenzene	3330	1870	56	41 - 110	
2-Nitrophenol	3330	2020	61	38 - 110	
4-Nitrophenol	3330	2510	75	30 - 119	
N-Nitrosodimethylamine	3330	1790	54	26 - 110	
N-Nitrosodi-n-propylamine	3330	2070	62	41 - 110	
N-Nitrosodiphenylamine	3330	2640	79	53 - 110	
2,2'-oxybis[1-chloropropane]	3330	2000	60	31 - 110	
Pentachlorophenol	3330	2180	66	28 - 117	
Phenanthrene	3330	2460	74	51 - 110	
Phenol	3330	2210	66	41 - 110	
Pyrene	3330	2560	77	54 - 112	
2,4,5-Trichlorophenol	3330	2570	77	48 - 110	
2,4,6-Trichlorophenol	3330	2020	61	46 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	56	44 - 110
2-Fluorophenol	67	41 - 110
Nitrobenzene-d5	59	36 - 110
Phenol-d5	72	43 - 110
Terphenyl-d14	75	10 - 112
2,4,6-Tribromophenol	91	36 - 128

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-86727

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-86727/7
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1030
Date Prepared: N/A

Analysis Batch: 680-86727
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G6.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 3 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Dibutyl amine	5.0	U	5.0	5.0
Diethylamine	5.0	U	5.0	5.0
Dimethylamine	5.0	U	5.0	5.0
Dibenzylamine	5.0	U	5.0	5.0

Lab Control Spike - Batch: 680-86727

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-86727/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 0812
Date Prepared: N/A

Analysis Batch: 680-86727
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G2.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diethylamine	40.0	45.8	115	50 - 150	
Dimethylamine	40.0	38.5	96	50 - 150	

Lab Control Spike - Batch: 680-86727

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-86727/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 0931
Date Prepared: N/A

Analysis Batch: 680-86727
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G4.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibutyl amine	40.0	43.1	108	50 - 150	
Dibenzylamine	40.0	34.9	87	50 - 150	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-86727

Method: 8015B

Preparation: N/A

MS Lab Sample ID: 680-29952-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/18/2007 1248
 Date Prepared: N/A
 Date Leached: 09/18/2007 0700
 Analysis Batch: 680-86727
 Prep Batch: N/A
 Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP18G11.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 3 uL
 Column ID: PRIMARY

MSD Lab Sample ID: 680-29952-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/18/2007 1318
 Date Prepared: N/A
 Date Leached: 09/18/2007 0700
 Analysis Batch: 680-86727
 Prep Batch: N/A
 Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP18G12.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 3 uL
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diethylamine	86	95	50 - 150	10	50		
Dimethylamine	77	85	50 - 150	10	50		

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-86727

Method: 8015B

Preparation: N/A

MS Lab Sample ID: 680-29952-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/18/2007 1649
 Date Prepared: N/A
 Date Leached: 09/18/2007 0700
 Analysis Batch: 680-86727
 Prep Batch: N/A
 Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP18G19.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 3 uL
 Column ID: PRIMARY

MSD Lab Sample ID: 680-29952-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/18/2007 1719
 Date Prepared: N/A
 Date Leached: 09/18/2007 0700
 Analysis Batch: 680-86727
 Prep Batch: N/A
 Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP18G20.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 3 uL
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dibutyl amine	109	107	50 - 150	2	50		
Dibenzylamine	97	82	50 - 150	17	50		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-87179

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-87179/10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/17/2007 2215
Date Prepared: N/A

Analysis Batch: 680-87179
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP17G22.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Dibutyl amine	5.0	U	5.0	5.0
Diethylamine	5.0	U	5.0	5.0
Dimethylamine	5.0	U	5.0	5.0
Dibenzylamine	5.0	U	5.0	5.0

Lab Control Spike - Batch: 680-87179

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87179/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/17/2007 2132
Date Prepared: N/A

Analysis Batch: 680-87179
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP17G20.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diethylamine	40.0	35.9	90	50 - 150	
Dimethylamine	40.0	37.2	93	50 - 150	

Lab Control Spike - Batch: 680-87179

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87179/9
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/17/2007 2145
Date Prepared: N/A

Analysis Batch: 680-87179
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP17G21.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibutyl amine	40.0	51.1	128	50 - 150	
Dibenzylamine	40.0	45.0	112	50 - 150	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-86009

Method: 630.1

Preparation: 630.1

Lab Sample ID: MB 680-86009/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1306
Date Prepared: 09/15/2007 0900

Analysis Batch: 680-87264
Prep Batch: 680-86009
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 25.00 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Dithiocarbamates, Total	1.6	U	1.6	1.6

Lab Control Spike - Batch: 680-86009

Method: 630.1

Preparation: 630.1

Lab Sample ID: LCS 680-86009/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1334
Date Prepared: 09/15/2007 0900

Analysis Batch: 680-87264
Prep Batch: 680-86009
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 25.00 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dithiocarbamates, Total	100	75.9	76	70 - 130	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-86009

Method: 630.1

Preparation: 630.1

MS Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1850
Date Prepared: 09/15/2007 0900

Analysis Batch: 680-87264
Prep Batch: 680-86009

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.15 g
Final Weight/Volume: 25.00 mL
Injection Volume:

MSD Lab Sample ID: 680-29952-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1920
Date Prepared: 09/15/2007 0900

Analysis Batch: 680-87264
Prep Batch: 680-86009

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.03 g
Final Weight/Volume: 25.00 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dithiocarbamates, Total	75	71	70 - 130	4	30		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85707

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-85707/18-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/20/2007 1831
Date Prepared: 09/19/2007 2120

Analysis Batch: 680-86110
Prep Batch: 680-85707
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qi190143.d
Initial Weight/Volume: 30.04 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Oil Range Organics (C20-C36)	20	U	8.3	20
Mineral oil	20	U	20	20
Surrogate	% Rec	Acceptance Limits		
o-Terphenyl	90	39 - 140		

Lab Control Spike - Batch: 680-85707

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-85707/24-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/20/2007 1844
Date Prepared: 09/19/2007 2120

Analysis Batch: 680-86110
Prep Batch: 680-85707
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qi190144.d
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Oil Range Organics (C20-C36)	66.4	67.3	101	40 - 140	
Surrogate	% Rec	Acceptance Limits			
o-Terphenyl	79	39 - 140			

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85707

Method: 8015B

Preparation: 3550B

MS Lab Sample ID: 680-29952-17
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/21/2007 1044
 Date Prepared: 09/19/2007 2120

Analysis Batch: 680-86172
 Prep Batch: 680-85707

Instrument ID: GC SemiVolatiles - Q
 Lab File ID: qi190171.d
 Initial Weight/Volume: 30.07 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

MSD Lab Sample ID: 680-29952-17
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/21/2007 1057
 Date Prepared: 09/19/2007 2120

Analysis Batch: 680-86172
 Prep Batch: 680-85707

Instrument ID: GC SemiVolatiles - Q
 Lab File ID: qi190172.d
 Initial Weight/Volume: 30.07 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Oil Range Organics (C20-C36)	107	140	40 - 140	27	40		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
o-Terphenyl	88		117	39 - 140			

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-85161

Method: 6020

Preparation: 3050B

Lab Sample ID: MB 680-85161/18-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/15/2007 1022

Date Prepared: 09/12/2007 0821

Analysis Batch: 680-85492

Prep Batch: 680-85161

Units: mg/Kg

Instrument ID: ICP MS

Lab File ID: N/A

Initial Weight/Volume: 1.00 g

Final Weight/Volume: 1000 mL

Analyte	Result	Qual	MDL	RL
Sodium	16	J	15	50
Nickel	0.20	U	0.036	0.20
Zinc	4.0	U	0.64	4.0

Lab Control Spike - Batch: 680-85161

Method: 6020

Preparation: 3050B

Lab Sample ID: LCS 680-85161/19-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/15/2007 1029

Date Prepared: 09/12/2007 0821

Analysis Batch: 680-85492

Prep Batch: 680-85161

Units: mg/Kg

Instrument ID: ICP MS

Lab File ID: N/A

Initial Weight/Volume: 1.00 g

Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	500	519	104	75 - 125	
Nickel	10.0	10.9	109	75 - 125	
Zinc	10.0	9.91	99	75 - 125	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85161

Method: 6020

Preparation: 3050B

MS Lab Sample ID: 680-29952-2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2007 1104
Date Prepared: 09/12/2007 0821

Analysis Batch: 680-85492
Prep Batch: 680-85161

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 1.10 g
Final Weight/Volume: 1000 mL

MSD Lab Sample ID: 680-29952-2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2007 1111
Date Prepared: 09/12/2007 0821

Analysis Batch: 680-85492
Prep Batch: 680-85161

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 1.10 g
Final Weight/Volume: 1000 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	86	84	75 - 125	1	20		
Nickel	79	78	75 - 125	0	20		
Zinc	85	65	75 - 125	5	20		F

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-86409

Method: 9038
Preparation: 5050

Lab Sample ID: MB 680-86409/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1208
Date Prepared: 09/20/2007 0900

Analysis Batch: 680-86412
Prep Batch: 680-86409
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: .5522 g
Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL	RL
Total Sulfur	150	U	150	150

Lab Control Spike - Batch: 680-86409

Method: 9038
Preparation: 5050

Lab Sample ID: LCS 680-86409/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1208
Date Prepared: 09/20/2007 0900

Analysis Batch: 680-86412
Prep Batch: 680-86409
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: .5260 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Sulfur	1730	1510	87	50 - 120	

Duplicate - Batch: 680-86409

Method: 9038
Preparation: 5050

Lab Sample ID: 680-29952-6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1208
Date Prepared: 09/20/2007 0900

Analysis Batch: 680-86412
Prep Batch: 680-86409
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: .5285 g
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Sulfur	190 U	27.4	NC	30	U

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-29952-1

Sdg Number: FLX005

Method Blank - Batch: 680-86417

Method: 9038
Preparation: 5050

Lab Sample ID: MB 680-86417/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1508
Date Prepared: 09/21/2007 0900

Analysis Batch: 680-86425
Prep Batch: 680-86417
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: .5251 g
Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL	RL
Total Sulfur	160	U	160	160

Lab Control Spike - Batch: 680-86417

Method: 9038
Preparation: 5050

Lab Sample ID: LCS 680-86417/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 1508
Date Prepared: 09/21/2007 0900

Analysis Batch: 680-86425
Prep Batch: 680-86417
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: .5194 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Sulfur	1730	1620	94	50 - 120	

Duplicate - Batch: 680-86417

Method: 9038
Preparation: 5050

Lab Sample ID: 680-29952-10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/24/2007 1508
Date Prepared: 09/21/2007 0900

Analysis Batch: 680-86425
Prep Batch: 680-86417
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: .5002 g
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Sulfur	230	245	6	30	

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

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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

☐ Alternate Laboratory Name/Location

Phone:
Fax:

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TRENT


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PROJECT REFERENCE FLEXSYS-TZ		PROJECT NO. 43386075	PROJECT LOCATION (STATE) FLA	MATRIX TYPE		REQUIRED ANALYSIS										PAGE	OF
STL (LAB) PROJECT MANAGER BEAUCHAMP		P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	LOC-8260	SBC-8270	Zn, Ni	ORTHOCARBAMATES	8015 MINERAL OIL	8015	SULFUR AS SULFATE AND SULFIDE	STANDARD REPORT DELIVERY <input type="radio"/>	
CLIENT (SITE) PM MARTINO ROVEDA		CLIENT PHONE +33 340 2255815	CLIENT FAX													DATE DUE	
CLIENT NAME URS		CLIENT E-MAIL Martino_rovada@urscorp.com														EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>	
CLIENT ADDRESS URS																DATE DUE	
COMPANY CONTRACTING THIS WORK (if applicable)				PRESERVATIVE										NUMBER OF COOLERS SUBMITTED PER SHIPMENT:			
SAMPLE		SAMPLE IDENTIFICATION				NUMBER OF CONTAINERS SUBMITTED										REMARKS	
DATE	TIME																
05-09-07	13:50	TZ-019-SS				4 1 1 1											
05-09-07	14:35	TZ-019-SO 11-12				4 1 1 1											
05-09-07	15:30	TZ-026-SS				4 1 1 1											
05-09-07	16:00	TZ-026-SO 10-11				4 1 1 1											
05-09-07	17:15	TZ-031-SS				4 1 1 1											
05-09-07	18:10	TZ-031-SO 10-11				4 1 1 1											
														TEMP.: 24			
RELINQUISHED BY: (SIGNATURE) 		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME						
RECEIVED BY: (SIGNATURE) 		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME						
LABORATORY USE ONLY																	
RECEIVED FOR LABORATORY BY: (SIGNATURE) KL		DATE 9/16/07	TIME 1050	CUSTODY INTACT YES <input type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO.	STL SAVANNAH LOG NO. 60-29952	LABORATORY REMARKS										

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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 **STL Savannah**
5102 LaRoche Avenue
Savannah, GA 31404

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404Website: www.stl-inc.com
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Fax: (912) 352-0165☐ Alternate Laboratory Name/LocationPhone:
Fax:

PROJECT REFERENCE FLEXSYS-TE		PROJECT NO. 43386075	PROJECT LOCATION (STATE) ITALY	MATRIX TYPE	REQUIRED ANALYSIS										PAGE	OF
STL (LAB) PROJECT MANAGER BEAU CHAMP		P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	6C-8260	SPEC-8270	Zn/Ni	DITHIOCARBATES	8015 MINERAL OIL	8015	SULFUR AS SULFATE AND SULFIDE	PRESERVATIVE	STANDARD REPORT DELIVERY <input type="radio"/>			
CLIENT (SITE) PM MARTINO ROVEDA		CLIENT PHONE +33 340 2255815	CLIENT FAX										DATE DUE _____			
CLIENT NAME URS		CLIENT E-MAIL martino.roveda@urscorp.com											EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>			
CLIENT ADDRESS URS		COMPANY CONTRACTING THIS WORK (if applicable)											DATE DUE _____			
SAMPLE		SAMPLE IDENTIFICATION			NUMBER OF CONTAINERS SUBMITTED										REMARKS	
DATE	TIME															
06-09-07	15:20	TE-023-55			X	4	1	1	1							
06-09-07	16:00	TE-023-5010-11			X	4	1	1	1							
06-09-07	16:00	TE-023-5010-11 D			X	4	1	1	1							
06-09-07	16:35	TE-022-55			X	4	1	1	1							
06-09-07	17:10	TE-022-50			X	4	1	1	1							
TEMP: 24																
RELINQUISHED BY: (SIGNATURE) 		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME					
RECEIVED BY: (SIGNATURE) 		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME					
LABORATORY USE ONLY																
RECEIVED FOR LABORATORY BY: (SIGNATURE) KL		DATE 9/10/07	TIME 1050	CUSTODY INTACT YES <input type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO.	STL SAVANNAH LOG NO. 600-29952	LABORATORY REMARKS									

Login Sample Receipt Check List

Client: Solutia Inc.

Job Number: 680-29952-1

SDG Number: FLX005

Login Number: 29952

Creator: Conner, Keaton

List Number: 1

List Source: TestAmerica Savannah

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Ice excluded due to international shipping constraints.
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	3 coolers received at 24 C.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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	