

ANALYTICAL REPORT

Job Number: 680-30046-1

SDG Number: FLX008

Job Description: Flexys Termoli IT Soils 9/7-8/07

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-J30046-1 / SDG No. FLX008 (Termoli Italy)

Receipt

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

All samples were received intact with the exception of some soil volatile vials for which the preservative was not evident in the vials (see below).

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

Method(s) 5035: The Encore vials submitted for the following sample(s) contained significantly greater than 5 grams: TE-027-SO 7-8 (680-30046-6), TE-027-SS (680-30046-5), TE-028-SO 10-11 (680-30046-4), TE-028-SS (680-30046-3), TE-029-SO 10-11 (680-30046-2), TE-029-SS (680-30046-1), TE-030-SO 11-12 (680-30046-8), TE-030-SS (680-30046-7), TE-032-SO 11-12 (680-30046-10), TE-032-SS (680-30046-9).

Method(s) 5035: There was no visual evidence of liquid preservative (water) in one of two low-level vials for the following samples: TE-029-SO 10-11 (680-30046-2); TE-028-SO 10-11 (680-30046-4); and TE-030-SO 11-12 (680-30046-8). analysis was performed on the intact low-level vial.

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: Internal standard (ISTD) response for the method blank (MB) and lab control standard (LCS) associated to then following samples in prep batch 85866 were outside control limits: TE-027-SO 7-8 (680-30046-6), TE-027-SS (680-30046-5), TE-028-SO 10-11 (680-30046-4), TE-028-SS (680-30046-3), TE-029-SO 10-11 (680-30046-2), TE-029-SS (680-30046-1), TE-030-SO 11-12 (680-30046-8), TE-030-SS (680-30046-7), TE-032-SO 11-12 (680-30046-10), TE-032-SS (680-30046-9). The MB and LCS were re-analyzed with concurring results. The original set of data has been reported.

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 85866 had three analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: Surrogate recovery for sample TE-029-SS (680-30046-1) was outside control limits and evidence of matrix interference is present. Re-extraction was performed with concurring results. Both sets of data have been reported.

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

Method(s) 8015B: The matrix spike duplicate (MSD) recovery for batch 680-85868 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other 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 or the Tellurium analysis.

General Chemistry

No analytical or quality issues were noted.

Comments

No additional comments.

METHOD SUMMARY

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

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: 680-30046-1

Sdg Number: FLX008

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 9038	Nelson, Christopher	CN

SAMPLE SUMMARY

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-30046-1	TE-029-SS	Solid	09/07/2007 0910	09/13/2007 1042
680-30046-2	TE-029-SO 10-11	Solid	09/07/2007 0940	09/13/2007 1042
680-30046-3	TE-028-SS	Solid	09/07/2007 1020	09/13/2007 1042
680-30046-4	TE-028-SO 10-11	Solid	09/07/2007 1045	09/13/2007 1042
680-30046-5	TE-027-SS	Solid	09/07/2007 1145	09/13/2007 1042
680-30046-6	TE-027-SO 7-8	Solid	09/07/2007 1220	09/13/2007 1042
680-30046-7	TE-030-SS	Solid	09/07/2007 1555	09/13/2007 1042
680-30046-8	TE-030-SO 11-12	Solid	09/07/2007 1630	09/13/2007 1042
680-30046-9	TE-032-SS	Solid	09/08/2007 0810	09/13/2007 1042
680-30046-10	TE-032-SO 11-12	Solid	09/08/2007 0855	09/13/2007 1042

SAMPLE RESULTS

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

Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 0334		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	24	U	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	0.77	2.4	1.0
Carbon disulfide	2.4	U	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	1.9	J	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	1.1	J	ug/Kg	0.35	2.4	1.0
Toluene	3.2		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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575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

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	93		%		65 - 124	
Dibromofluoromethane	101		%		65 - 124	
Toluene-d8 (Surr)	95		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Unknown	5.8	J	ug/Kg		1.02	1.0
Carbon Dioxide	990	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	6.6	J	ug/Kg		1.68	1.0
Unknown	6.8	J	ug/Kg		1.84	1.0
Unknown	100	J	ug/Kg		2.35	1.0
Unknown Alkane	21	J	ug/Kg		2.40	1.0
Unknown	98	J	ug/Kg		2.50	1.0
Unknown Alkane	100	J	ug/Kg		2.65	1.0
Unknown Alkane	42	J	ug/Kg		3.01	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/30/2007 1727
Date Prepared: 09/20/2007 1000

Acenaphthene	340	U	ug/Kg	18	340	1.0
Acenaphthylene	340	U	ug/Kg	18	340	1.0
Acetophenone	340	U *	ug/Kg	18	340	1.0
Aniline	680	U	ug/Kg	18	680	1.0
Anthracene	340	U	ug/Kg	18	340	1.0
Atrazine	340	U	ug/Kg	18	340	1.0
Benzaldehyde	340	U	ug/Kg	45	340	1.0
Benzidine	2800	U	ug/Kg	860	2800	1.0
Benzo[a]anthracene	340	U	ug/Kg	34	340	1.0
Benzo[a]pyrene	340	U	ug/Kg	18	340	1.0
Benzo[b]fluoranthene	340	U	ug/Kg	18	340	1.0
Benzo[g,h,i]perylene	340	U	ug/Kg	25	340	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[k]fluoranthene	340	U	ug/Kg	18	340	1.0
1,1'-Biphenyl	340	U	ug/Kg	18	340	1.0
Bis(2-chloroethoxy)methane	340	U	ug/Kg	18	340	1.0
Bis(2-chloroethyl)ether	340	U	ug/Kg	18	340	1.0
Bis(2-ethylhexyl) phthalate	340	U	ug/Kg	33	340	1.0
4-Bromophenyl phenyl ether	340	U	ug/Kg	18	340	1.0
Butyl benzyl phthalate	340	U	ug/Kg	18	340	1.0
Caprolactam	340	U	ug/Kg	18	340	1.0
Carbazole	340	U	ug/Kg	18	340	1.0
4-Chloroaniline	680	U	ug/Kg	18	680	1.0
4-Chloro-3-methylphenol	340	U	ug/Kg	69	340	1.0
2-Chloronaphthalene	340	U	ug/Kg	18	340	1.0
2-Chlorophenol	340	U	ug/Kg	18	340	1.0
4-Chlorophenyl phenyl ether	340	U	ug/Kg	24	340	1.0
Chrysene	340	U	ug/Kg	18	340	1.0
Dibenz(a,h)anthracene	340	U	ug/Kg	25	340	1.0
Dibenzofuran	340	U	ug/Kg	18	340	1.0
3,3'-Dichlorobenzidine	680	U	ug/Kg	18	680	1.0
2,4-Dichlorophenol	340	U	ug/Kg	180	340	1.0
Diethyl phthalate	340	U	ug/Kg	19	340	1.0
2,4-Dimethylphenol	340	U	ug/Kg	18	340	1.0
Dimethyl phthalate	340	U	ug/Kg	69	340	1.0
Di-n-butyl phthalate	340	U	ug/Kg	18	340	1.0
4,6-Dinitro-2-methylphenol	1800	U	ug/Kg	340	1800	1.0
2,4-Dinitrophenol	1800	U	ug/Kg	170	1800	1.0
2,4-Dinitrotoluene	340	U	ug/Kg	22	340	1.0
2,6-Dinitrotoluene	340	U	ug/Kg	21	340	1.0
Di-n-octyl phthalate	340	U	ug/Kg	20	340	1.0
1,4-Dioxane	340	U	ug/Kg	86	340	1.0
Fluoranthene	340	U	ug/Kg	18	340	1.0
Fluorene	340	U	ug/Kg	21	340	1.0
Hexachlorobenzene	340	U	ug/Kg	21	340	1.0
Hexachlorobutadiene	340	U	ug/Kg	22	340	1.0
Hexachlorocyclopentadiene	340	U *	ug/Kg	180	340	1.0
Hexachloroethane	340	U	ug/Kg	18	340	1.0
Indeno[1,2,3-cd]pyrene	340	U	ug/Kg	30	340	1.0
Isophorone	340	U	ug/Kg	18	340	1.0
Mercaptobenzothiazole	1800	U *	ug/Kg	1800	1800	1.0
2-Methylnaphthalene	340	U	ug/Kg	18	340	1.0
2-Methylphenol	340	U	ug/Kg	22	340	1.0
3 & 4 Methylphenol	340	U	ug/Kg	22	340	1.0

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Job Number: 680-30046-1
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Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Naphthalene	340	U	ug/Kg	18	340	1.0
2-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
3-Nitroaniline	1800	U	ug/Kg	34	1800	1.0
4-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
Nitrobenzene	340	U	ug/Kg	18	340	1.0
2-Nitrophenol	340	U	ug/Kg	24	340	1.0
4-Nitrophenol	1800	U	ug/Kg	180	1800	1.0
N-Nitrosodimethylamine	340	U	ug/Kg	180	340	1.0
N-Nitrosodi-n-propylamine	340	U	ug/Kg	18	340	1.0
N-Nitrosodiphenylamine	340	U	ug/Kg	34	340	1.0
2,2'-oxybis[1-chloropropane]	340	U	ug/Kg	18	340	1.0
Pentachlorophenol	1800	U	ug/Kg	180	1800	1.0
Phenanthrene	340	U	ug/Kg	18	340	1.0
Phenol	340	U	ug/Kg	18	340	1.0
Pyrene	340	U	ug/Kg	18	340	1.0
2,4,5-Trichlorophenol	340	U	ug/Kg	69	340	1.0
2,4,6-Trichlorophenol	340	U	ug/Kg	69	340	1.0

Surrogate	Acceptance Limits					
2-Fluorobiphenyl	34	X	%		44 - 110	
2-Fluorophenol	39	X	%		41 - 110	
Nitrobenzene-d5	33	X	%		36 - 110	
Phenol-d5	37	X	%		43 - 110	
Terphenyl-d14	47		%		10 - 112	
2,4,6-Tribromophenol	47		%		36 - 128	

Tentatively Identified Compounds	Cas Number		RT		
Unknown Aldol Condensate	9700	A J	ug/Kg	3.18	1.0
Unknown Alkane	210	J	ug/Kg	11.86	1.0
Unknown Alkane	160	J	ug/Kg	12.23	1.0
Unknown PAH	210	J	ug/Kg	12.47	1.0
Unknown Alkane	230	J	ug/Kg	12.64	1.0
Unknown Alkane	350	J	ug/Kg	13.01	1.0
Unknown Alkane	160	J	ug/Kg	13.10	1.0
Unknown Alkane	260	J	ug/Kg	13.43	1.0
Unknown Alkane	180	J	ug/Kg	13.64	1.0
Unknown Alcohol	160	J	ug/Kg	13.98	1.0
Unknown	200	J	ug/Kg	14.27	1.0

Method: 8270C **Run Type:** RE
Prep Method: 3550B
Acenaphthene

Date Analyzed: 10/03/2007 1804
Date Prepared: 10/02/2007 1945

340 U H ug/Kg 18 340 1.0

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Job Number: 680-30046-1
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Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Acenaphthylene	340 U H	ug/Kg	18	340	1.0
Acetophenone	340 U H *	ug/Kg	18	340	1.0
Aniline	680 U H	ug/Kg	18	680	1.0
Anthracene	340 U H	ug/Kg	18	340	1.0
Atrazine	340 U H	ug/Kg	18	340	1.0
Benzaldehyde	340 U H	ug/Kg	44	340	1.0
Benzidine	2800 U H	ug/Kg	860	2800	1.0
Benzo[a]anthracene	340 U H	ug/Kg	34	340	1.0
Benzo[a]pyrene	340 U H	ug/Kg	18	340	1.0
Benzo[b]fluoranthene	340 U H	ug/Kg	18	340	1.0
Benzo[g,h,i]perylene	340 U H	ug/Kg	25	340	1.0
Benzo[k]fluoranthene	340 U H	ug/Kg	18	340	1.0
1,1'-Biphenyl	340 U H	ug/Kg	18	340	1.0
Bis(2-chloroethoxy)methane	340 U H	ug/Kg	18	340	1.0
Bis(2-chloroethyl)ether	340 U H	ug/Kg	18	340	1.0
Bis(2-ethylhexyl) phthalate	340 U H	ug/Kg	33	340	1.0
4-Bromophenyl phenyl ether	340 U H	ug/Kg	18	340	1.0
Butyl benzyl phthalate	340 U H	ug/Kg	18	340	1.0
Caprolactam	340 U H	ug/Kg	18	340	1.0
Carbazole	340 U H	ug/Kg	18	340	1.0
4-Chloroaniline	680 U H	ug/Kg	18	680	1.0
4-Chloro-3-methylphenol	340 U H	ug/Kg	69	340	1.0
2-Chloronaphthalene	340 U H	ug/Kg	18	340	1.0
2-Chlorophenol	340 U H	ug/Kg	18	340	1.0
4-Chlorophenyl phenyl ether	340 U H	ug/Kg	24	340	1.0
Chrysene	340 U H	ug/Kg	18	340	1.0
Dibenz(a,h)anthracene	340 U H	ug/Kg	25	340	1.0
Dibenzofuran	340 U H	ug/Kg	18	340	1.0
3,3'-Dichlorobenzidine	680 U H	ug/Kg	18	680	1.0
2,4-Dichlorophenol	340 U H	ug/Kg	180	340	1.0
Diethyl phthalate	340 U H	ug/Kg	19	340	1.0
2,4-Dimethylphenol	340 U H	ug/Kg	18	340	1.0
Dimethyl phthalate	340 U H	ug/Kg	69	340	1.0
Di-n-butyl phthalate	340 U H	ug/Kg	18	340	1.0
4,6-Dinitro-2-methylphenol	1800 U H	ug/Kg	340	1800	1.0
2,4-Dinitrophenol	1800 U H	ug/Kg	170	1800	1.0
2,4-Dinitrotoluene	340 U H	ug/Kg	22	340	1.0
2,6-Dinitrotoluene	340 U H	ug/Kg	21	340	1.0
Di-n-octyl phthalate	340 U H	ug/Kg	20	340	1.0
1,4-Dioxane	340 U H	ug/Kg	86	340	1.0
Fluoranthene	340 U H	ug/Kg	18	340	1.0

Mr. Bruce Yare
Solutia Inc.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluorene	340	U H	ug/Kg	21	340	1.0
Hexachlorobenzene	340	U H	ug/Kg	21	340	1.0
Hexachlorobutadiene	340	U H	ug/Kg	22	340	1.0
Hexachlorocyclopentadiene	340	U H	ug/Kg	180	340	1.0
Hexachloroethane	340	U H	ug/Kg	18	340	1.0
Indeno[1,2,3-cd]pyrene	340	U H	ug/Kg	30	340	1.0
Isophorone	340	U H	ug/Kg	18	340	1.0
Mercaptobenzothiazole	1800	U H *	ug/Kg	1800	1800	1.0
2-Methylnaphthalene	340	U H	ug/Kg	18	340	1.0
2-Methylphenol	340	U H	ug/Kg	22	340	1.0
3 & 4 Methylphenol	340	U H	ug/Kg	22	340	1.0
Naphthalene	340	U H	ug/Kg	18	340	1.0
2-Nitroaniline	1800	U H	ug/Kg	180	1800	1.0
3-Nitroaniline	1800	U H	ug/Kg	34	1800	1.0
4-Nitroaniline	1800	U H	ug/Kg	180	1800	1.0
Nitrobenzene	340	U H	ug/Kg	18	340	1.0
2-Nitrophenol	340	U H	ug/Kg	24	340	1.0
4-Nitrophenol	1800	U H	ug/Kg	180	1800	1.0
N-Nitrosodimethylamine	340	U H	ug/Kg	180	340	1.0
N-Nitrosodi-n-propylamine	340	U H	ug/Kg	18	340	1.0
N-Nitrosodiphenylamine	340	U H	ug/Kg	34	340	1.0
2,2'-oxybis[1-chloropropane]	340	U H	ug/Kg	18	340	1.0
Pentachlorophenol	1800	U H	ug/Kg	180	1800	1.0
Phenanthrene	340	U H	ug/Kg	18	340	1.0
Phenol	340	U H	ug/Kg	18	340	1.0
Pyrene	340	U H	ug/Kg	18	340	1.0
2,4,5-Trichlorophenol	340	U H	ug/Kg	69	340	1.0
2,4,6-Trichlorophenol	340	U H	ug/Kg	69	340	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	34	X	%		44 - 110	
2-Fluorophenol	43		%		41 - 110	
Nitrobenzene-d5	34	X	%		36 - 110	
Phenol-d5	45		%		43 - 110	
Terphenyl-d14	51		%		10 - 112	
2,4,6-Tribromophenol	46		%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	15000	A H J	ug/Kg		3.17	1.0
Unknown	180	H J	ug/Kg		12.44	1.0
Unknown Alkane	340	H J	ug/Kg		12.98	1.0
Unknown Alkane	270	H J	ug/Kg		13.40	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Tentatively Identified Compounds				Cas Number	RT	
Unknown Alkene	160	H J	ug/Kg		13.94	1.0
Unknown PAH	160	H J	ug/Kg		14.23	1.0
Method: Soluble-8015B			Date Analyzed:	09/18/2007	2204	
Dibenzylamine	5.2	U	mg/Kg	5.2	5.2	1.0
Diethylamine	5.2	U	mg/Kg	5.2	5.2	1.0
Dimethylamine	5.2	U	mg/Kg	5.2	5.2	1.0
Dibutyl amine	5.2	U	mg/Kg	5.2	5.2	1.0
Method: 630.1			Date Analyzed:	10/04/2007	1746	
Prep Method: 630.1			Date Prepared:	09/21/2007	1005	
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B			Date Analyzed:	09/23/2007	0206	
Prep Method: 3550B			Date Prepared:	09/20/2007	1425	
Mineral oil	140		mg/Kg	21	21	1.0
Surrogate			Acceptance Limits			
o-Terphenyl	78		%		39 - 140	
Method: 6020			Date Analyzed:	09/18/2007	1349	
Prep Method: 3050B			Date Prepared:	09/17/2007	0953	
Sodium	170		mg/Kg	29	96	2.0
Nickel	11		mg/Kg	0.069	0.38	2.0
Zinc	28		mg/Kg	1.2	7.7	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SS
Lab Sample ID: 680-30046-1

Date Sampled: 09/07/2007 0910
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 96

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: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SO 10-11
Lab Sample ID: 680-30046-2

Date Sampled: 09/07/2007 0940
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 0355		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	30	U	ug/Kg	2.6	30	1.0
Benzene	3.0	U	ug/Kg	0.47	3.0	1.0
Bromodichloromethane	3.0	U	ug/Kg	0.50	3.0	1.0
Bromoform	3.0	U	ug/Kg	0.66	3.0	1.0
Bromomethane	3.0	U	ug/Kg	0.96	3.0	1.0
Carbon disulfide	3.0	U	ug/Kg	0.31	3.0	1.0
Carbon tetrachloride	3.0	U	ug/Kg	0.60	3.0	1.0
Chlorobenzene	3.0	U	ug/Kg	0.44	3.0	1.0
Chloroethane	3.0	U	ug/Kg	0.72	3.0	1.0
Chloroform	3.0	U	ug/Kg	0.30	3.0	1.0
Chloromethane	3.0	U	ug/Kg	0.42	3.0	1.0
cis-1,2-Dichloroethene	3.0	U	ug/Kg	0.38	3.0	1.0
cis-1,3-Dichloropropene	3.0	U	ug/Kg	0.52	3.0	1.0
Cyclohexane	4.5	J	ug/Kg	0.36	6.0	1.0
Dibromochloromethane	3.0	U	ug/Kg	0.30	3.0	1.0
1,2-Dibromo-3-Chloropropane	6.0	U	ug/Kg	1.7	6.0	1.0
1,2-Dibromoethane	3.0	U	ug/Kg	0.90	3.0	1.0
1,2-Dichlorobenzene	3.0	U	ug/Kg	0.39	3.0	1.0
1,3-Dichlorobenzene	3.0	U	ug/Kg	0.50	3.0	1.0
1,4-Dichlorobenzene	3.0	U	ug/Kg	0.31	3.0	1.0
Dichlorodifluoromethane	3.0	U	ug/Kg	0.53	3.0	1.0
1,1-Dichloroethane	3.0	U	ug/Kg	0.30	3.0	1.0
1,2-Dichloroethane	3.0	U	ug/Kg	0.60	3.0	1.0
1,1-Dichloroethene	3.0	U	ug/Kg	0.32	3.0	1.0
1,2-Dichloropropane	3.0	U	ug/Kg	0.66	3.0	1.0
Ethylbenzene	3.0	U	ug/Kg	0.45	3.0	1.0
2-Hexanone	15	U	ug/Kg	1.3	15	1.0
Isopropylbenzene	3.0	U	ug/Kg	0.30	3.0	1.0
Methyl acetate	6.0	U	ug/Kg	1.3	6.0	1.0
Methylcyclohexane	6.0	U	ug/Kg	0.43	6.0	1.0
Methylene Chloride	3.0	U	ug/Kg	0.60	3.0	1.0
Methyl ethyl ketone (MEK)	15	U	ug/Kg	1.6	15	1.0
Methyl isobutyl ketone (MIBK)	15	U	ug/Kg	1.7	15	1.0
Methyl tert-butyl ether	30	U	ug/Kg	1.3	30	1.0
Styrene	3.0	U	ug/Kg	0.39	3.0	1.0
1,1,2,2-Tetrachloroethane	3.0	U	ug/Kg	0.84	3.0	1.0
Tetrachloroethene	2.6	J	ug/Kg	0.44	3.0	1.0
Toluene	5.1		ug/Kg	0.47	3.0	1.0
trans-1,2-Dichloroethene	3.0	U	ug/Kg	0.58	3.0	1.0

Mr. Bruce Yare
Solutia Inc.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SO 10-11
Lab Sample ID: 680-30046-2

Date Sampled: 09/07/2007 0940
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	3.0	U	ug/Kg	0.52	3.0	1.0
1,2,4-Trichlorobenzene	3.0	U	ug/Kg	0.60	3.0	1.0
1,1,1-Trichloroethane	3.0	U	ug/Kg	0.35	3.0	1.0
1,1,2-Trichloroethane	3.0	U	ug/Kg	0.72	3.0	1.0
Trichloroethene	3.0	U	ug/Kg	0.60	3.0	1.0
Trichlorofluoromethane	3.0	U	ug/Kg	0.90	3.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	3.0	U	ug/Kg	0.39	3.0	1.0
1,2,4-Trimethylbenzene	3.0	U	ug/Kg	0.32	3.0	1.0
1,3,5-Trimethylbenzene	3.0	U	ug/Kg	0.52	3.0	1.0
Vinyl chloride	3.0	U	ug/Kg	0.35	3.0	1.0
Xylenes, Total	6.0	U	ug/Kg	1.4	6.0	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	96		%		65 - 124	
Dibromofluoromethane	102		%		65 - 124	
Toluene-d8 (Surr)	100		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1200	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	6.7	J	ug/Kg		2.09	1.0
Unknown	330	J	ug/Kg		2.36	1.0
Unknown	39	J	ug/Kg		2.40	1.0
Unknown	310	J	ug/Kg		2.50	1.0
Unknown Alkane	290	J	ug/Kg		2.65	1.0
Unknown	8.7	J	ug/Kg		2.88	1.0
Unknown	6.0	J	ug/Kg		2.94	1.0
Unknown Alkane	110	J	ug/Kg		3.01	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/30/2007 1431
Date Prepared: 09/20/2007 1000

Acenaphthene	390	U	ug/Kg	20	390	1.0
Acenaphthylene	390	U	ug/Kg	20	390	1.0
Acetophenone	390	U *	ug/Kg	20	390	1.0
Aniline	770	U	ug/Kg	20	770	1.0
Anthracene	390	U	ug/Kg	20	390	1.0
Atrazine	390	U	ug/Kg	20	390	1.0
Benzaldehyde	390	U	ug/Kg	50	390	1.0
Benzidine	3200	U	ug/Kg	970	3200	1.0
Benzo[a]anthracene	390	U	ug/Kg	39	390	1.0
Benzo[a]pyrene	390	U	ug/Kg	20	390	1.0
Benzo[b]fluoranthene	390	U	ug/Kg	20	390	1.0
Benzo[g,h,i]perylene	390	U	ug/Kg	28	390	1.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SO 10-11
Lab Sample ID: 680-30046-2

Date Sampled: 09/07/2007 0940
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[k]fluoranthene	390	U	ug/Kg	20	390	1.0
1,1'-Biphenyl	390	U	ug/Kg	20	390	1.0
Bis(2-chloroethoxy)methane	390	U	ug/Kg	20	390	1.0
Bis(2-chloroethyl)ether	390	U	ug/Kg	20	390	1.0
Bis(2-ethylhexyl) phthalate	390	U	ug/Kg	38	390	1.0
4-Bromophenyl phenyl ether	390	U	ug/Kg	20	390	1.0
Butyl benzyl phthalate	390	U	ug/Kg	20	390	1.0
Caprolactam	390	U	ug/Kg	20	390	1.0
Carbazole	390	U	ug/Kg	20	390	1.0
4-Chloroaniline	770	U	ug/Kg	20	770	1.0
4-Chloro-3-methylphenol	390	U	ug/Kg	79	390	1.0
2-Chloronaphthalene	390	U	ug/Kg	20	390	1.0
2-Chlorophenol	390	U	ug/Kg	20	390	1.0
4-Chlorophenyl phenyl ether	390	U	ug/Kg	27	390	1.0
Chrysene	390	U	ug/Kg	20	390	1.0
Dibenz(a,h)anthracene	390	U	ug/Kg	28	390	1.0
Dibenzofuran	390	U	ug/Kg	20	390	1.0
3,3'-Dichlorobenzidine	770	U	ug/Kg	20	770	1.0
2,4-Dichlorophenol	390	U	ug/Kg	200	390	1.0
Diethyl phthalate	390	U	ug/Kg	21	390	1.0
2,4-Dimethylphenol	390	U	ug/Kg	20	390	1.0
Dimethyl phthalate	390	U	ug/Kg	79	390	1.0
Di-n-butyl phthalate	390	U	ug/Kg	20	390	1.0
4,6-Dinitro-2-methylphenol	2000	U	ug/Kg	390	2000	1.0
2,4-Dinitrophenol	2000	U	ug/Kg	190	2000	1.0
2,4-Dinitrotoluene	390	U	ug/Kg	25	390	1.0
2,6-Dinitrotoluene	390	U	ug/Kg	23	390	1.0
Di-n-octyl phthalate	390	U	ug/Kg	22	390	1.0
1,4-Dioxane	390	U	ug/Kg	97	390	1.0
Fluoranthene	390	U	ug/Kg	20	390	1.0
Fluorene	390	U	ug/Kg	23	390	1.0
Hexachlorobenzene	390	U	ug/Kg	23	390	1.0
Hexachlorobutadiene	390	U	ug/Kg	25	390	1.0
Hexachlorocyclopentadiene	390	U *	ug/Kg	200	390	1.0
Hexachloroethane	390	U	ug/Kg	20	390	1.0
Indeno[1,2,3-cd]pyrene	390	U	ug/Kg	34	390	1.0
Isophorone	390	U	ug/Kg	20	390	1.0
Mercaptobenzothiazole	2000	U *	ug/Kg	2000	2000	1.0
2-Methylnaphthalene	390	U	ug/Kg	20	390	1.0
2-Methylphenol	390	U	ug/Kg	25	390	1.0
3 & 4 Methylphenol	390	U	ug/Kg	25	390	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SO 10-11
Lab Sample ID: 680-30046-2

Date Sampled: 09/07/2007 0940
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Naphthalene	390	U	ug/Kg	20	390	1.0
2-Nitroaniline	2000	U	ug/Kg	200	2000	1.0
3-Nitroaniline	2000	U	ug/Kg	39	2000	1.0
4-Nitroaniline	2000	U	ug/Kg	200	2000	1.0
Nitrobenzene	390	U	ug/Kg	20	390	1.0
2-Nitrophenol	390	U	ug/Kg	27	390	1.0
4-Nitrophenol	2000	U	ug/Kg	200	2000	1.0
N-Nitrosodimethylamine	390	U	ug/Kg	200	390	1.0
N-Nitrosodi-n-propylamine	390	U	ug/Kg	20	390	1.0
N-Nitrosodiphenylamine	390	U	ug/Kg	39	390	1.0
2,2'-oxybis[1-chloropropane]	390	U	ug/Kg	20	390	1.0
Pentachlorophenol	2000	U	ug/Kg	200	2000	1.0
Phenanthrene	390	U	ug/Kg	20	390	1.0
Phenol	390	U	ug/Kg	20	390	1.0
Pyrene	390	U	ug/Kg	20	390	1.0
2,4,5-Trichlorophenol	390	U	ug/Kg	79	390	1.0
2,4,6-Trichlorophenol	390	U	ug/Kg	79	390	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	34	X	%		44 - 110	
2-Fluorophenol	41		%		41 - 110	
Nitrobenzene-d5	38		%		36 - 110	
Phenol-d5	40	X	%		43 - 110	
Terphenyl-d14	51		%		10 - 112	
2,4,6-Tribromophenol	55		%		36 - 128	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	9700	A J	ug/Kg		3.18	1.0
Method: Soluble-8015B	Date Analyzed: 09/18/2007 2234					
Dibenzylamine	5.9	U	mg/Kg	5.9	5.9	1.0
Diethylamine	5.9	U	mg/Kg	5.9	5.9	1.0
Dimethylamine	5.9	U	mg/Kg	5.9	5.9	1.0
Dibutyl amine	5.9	U	mg/Kg	5.9	5.9	1.0
Method: 630.1	Date Analyzed: 10/04/2007 1808					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0024					
Prep Method: 3550B	Date Prepared: 09/20/2007 1425					
Mineral oil	23	U	mg/Kg	23	23	1.0
Surrogate	Acceptance Limits					

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SO 10-11
Lab Sample ID: 680-30046-2

Date Sampled: 09/07/2007 0940
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
o-Terphenyl	84	%		39 - 140	
Method: 6020			Date Analyzed:	09/18/2007 1356	
Prep Method: 3050B			Date Prepared:	09/17/2007 0953	
Sodium	540	mg/Kg	32	110	2.0
Nickel	38	mg/Kg	0.077	0.43	2.0
Zinc	74	mg/Kg	1.4	8.5	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-029-SO 10-11
Lab Sample ID: 680-30046-2

Date Sampled: 09/07/2007 0940
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9038				Date Analyzed:	09/24/2007 1508	
Prep Method: 5050				Date Prepared:	09/21/2007 0900	
Total Sulfur	190	U	mg/Kg	190	190	1.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SS
Lab Sample ID: 680-30046-3

Date Sampled: 09/07/2007 1020
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 0923		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	18	U	ug/Kg	1.6	18	1.0
Benzene	1.8	U	ug/Kg	0.28	1.8	1.0
Bromodichloromethane	1.8	U	ug/Kg	0.30	1.8	1.0
Bromoform	1.8	U	ug/Kg	0.40	1.8	1.0
Bromomethane	1.8	U	ug/Kg	0.58	1.8	1.0
Carbon disulfide	1.8	U	ug/Kg	0.18	1.8	1.0
Carbon tetrachloride	1.8	U	ug/Kg	0.36	1.8	1.0
Chlorobenzene	1.8	U	ug/Kg	0.26	1.8	1.0
Chloroethane	1.8	U	ug/Kg	0.43	1.8	1.0
Chloroform	1.8	U	ug/Kg	0.18	1.8	1.0
Chloromethane	1.8	U	ug/Kg	0.26	1.8	1.0
cis-1,2-Dichloroethene	1.8	U	ug/Kg	0.23	1.8	1.0
cis-1,3-Dichloropropene	1.8	U	ug/Kg	0.31	1.8	1.0
Cyclohexane	3.6	U	ug/Kg	0.22	3.6	1.0
Dibromochloromethane	1.8	U	ug/Kg	0.18	1.8	1.0
1,2-Dibromo-3-Chloropropane	3.6	U	ug/Kg	1.0	3.6	1.0
1,2-Dibromoethane	1.8	U	ug/Kg	0.54	1.8	1.0
1,2-Dichlorobenzene	1.8	U	ug/Kg	0.23	1.8	1.0
1,3-Dichlorobenzene	1.8	U	ug/Kg	0.30	1.8	1.0
1,4-Dichlorobenzene	1.8	U	ug/Kg	0.18	1.8	1.0
Dichlorodifluoromethane	1.8	U	ug/Kg	0.32	1.8	1.0
1,1-Dichloroethane	1.8	U	ug/Kg	0.18	1.8	1.0
1,2-Dichloroethane	1.8	U	ug/Kg	0.36	1.8	1.0
1,1-Dichloroethene	1.8	U	ug/Kg	0.19	1.8	1.0
1,2-Dichloropropane	1.8	U	ug/Kg	0.40	1.8	1.0
Ethylbenzene	1.8	U	ug/Kg	0.27	1.8	1.0
2-Hexanone	9.0	U	ug/Kg	0.76	9.0	1.0
Isopropylbenzene	1.8	U	ug/Kg	0.18	1.8	1.0
Methyl acetate	3.6	U	ug/Kg	0.79	3.6	1.0
Methylcyclohexane	3.6	U	ug/Kg	0.26	3.6	1.0
Methylene Chloride	1.8	U	ug/Kg	0.36	1.8	1.0
Methyl ethyl ketone (MEK)	9.0	U	ug/Kg	0.97	9.0	1.0
Methyl isobutyl ketone (MIBK)	9.0	U	ug/Kg	1.0	9.0	1.0
Methyl tert-butyl ether	18	U	ug/Kg	0.79	18	1.0
Styrene	1.8	U	ug/Kg	0.24	1.8	1.0
1,1,2,2-Tetrachloroethane	1.8	U	ug/Kg	0.50	1.8	1.0
Tetrachloroethene	1.8	U	ug/Kg	0.26	1.8	1.0
Toluene	0.83	J	ug/Kg	0.28	1.8	1.0
trans-1,2-Dichloroethene	1.8	U	ug/Kg	0.35	1.8	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SS
Lab Sample ID: 680-30046-3

Date Sampled: 09/07/2007 1020
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	1.8	U	ug/Kg	0.31	1.8	1.0
1,2,4-Trichlorobenzene	1.8	U	ug/Kg	0.36	1.8	1.0
1,1,1-Trichloroethane	1.8	U	ug/Kg	0.21	1.8	1.0
1,1,2-Trichloroethane	1.8	U	ug/Kg	0.43	1.8	1.0
Trichloroethene	1.8	U	ug/Kg	0.36	1.8	1.0
Trichlorofluoromethane	1.8	U	ug/Kg	0.54	1.8	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	U	ug/Kg	0.24	1.8	1.0
1,2,4-Trimethylbenzene	1.8	U	ug/Kg	0.19	1.8	1.0
1,3,5-Trimethylbenzene	1.8	U	ug/Kg	0.31	1.8	1.0
Vinyl chloride	1.8	U	ug/Kg	0.21	1.8	1.0
Xylenes, Total	3.6	U	ug/Kg	0.83	3.6	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	85		%		65 - 124	
Dibromofluoromethane	85		%		65 - 124	
Toluene-d8 (Surr)	87		%		65 - 132	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	570	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	2.7	J	ug/Kg		1.68	1.0
Unknown	1.9	J	ug/Kg		2.19	1.0
Unknown	2.5	J	ug/Kg		2.35	1.0
Unknown Alkane	12	J	ug/Kg		2.40	1.0
Unknown	1.9	J	ug/Kg		2.64	1.0
Method: 8270C				Date Analyzed:	09/30/2007 1749	
Prep Method: 3550B				Date Prepared:	09/20/2007 1000	
Acenaphthene	340	U	ug/Kg	18	340	1.0
Acenaphthylene	340	U	ug/Kg	18	340	1.0
Acetophenone	340	U *	ug/Kg	18	340	1.0
Aniline	690	U	ug/Kg	18	690	1.0
Anthracene	340	U	ug/Kg	18	340	1.0
Atrazine	340	U	ug/Kg	18	340	1.0
Benzaldehyde	340	U	ug/Kg	45	340	1.0
Benzidine	2800	U	ug/Kg	870	2800	1.0
Benzo[a]anthracene	340	U	ug/Kg	34	340	1.0
Benzo[a]pyrene	340	U	ug/Kg	18	340	1.0
Benzo[b]fluoranthene	340	U	ug/Kg	18	340	1.0
Benzo[g,h,i]perylene	340	U	ug/Kg	25	340	1.0
Benzo[k]fluoranthene	340	U	ug/Kg	18	340	1.0
1,1'-Biphenyl	340	U	ug/Kg	18	340	1.0
Bis(2-chloroethoxy)methane	340	U	ug/Kg	18	340	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SS
Lab Sample ID: 680-30046-3

Date Sampled: 09/07/2007 1020
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-chloroethyl)ether	340	U	ug/Kg	18	340	1.0
Bis(2-ethylhexyl) phthalate	340	U	ug/Kg	33	340	1.0
4-Bromophenyl phenyl ether	340	U	ug/Kg	18	340	1.0
Butyl benzyl phthalate	340	U	ug/Kg	18	340	1.0
Caprolactam	340	U	ug/Kg	18	340	1.0
Carbazole	340	U	ug/Kg	18	340	1.0
4-Chloroaniline	690	U	ug/Kg	18	690	1.0
4-Chloro-3-methylphenol	340	U	ug/Kg	70	340	1.0
2-Chloronaphthalene	340	U	ug/Kg	18	340	1.0
2-Chlorophenol	340	U	ug/Kg	18	340	1.0
4-Chlorophenyl phenyl ether	340	U	ug/Kg	24	340	1.0
Chrysene	340	U	ug/Kg	18	340	1.0
Dibenz(a,h)anthracene	340	U	ug/Kg	25	340	1.0
Dibenzofuran	340	U	ug/Kg	18	340	1.0
3,3'-Dichlorobenzidine	690	U	ug/Kg	18	690	1.0
2,4-Dichlorophenol	340	U	ug/Kg	180	340	1.0
Diethyl phthalate	340	U	ug/Kg	19	340	1.0
2,4-Dimethylphenol	340	U	ug/Kg	18	340	1.0
Dimethyl phthalate	340	U	ug/Kg	70	340	1.0
Di-n-butyl phthalate	340	U	ug/Kg	18	340	1.0
4,6-Dinitro-2-methylphenol	1800	U	ug/Kg	340	1800	1.0
2,4-Dinitrophenol	1800	U	ug/Kg	170	1800	1.0
2,4-Dinitrotoluene	340	U	ug/Kg	22	340	1.0
2,6-Dinitrotoluene	340	U	ug/Kg	21	340	1.0
Di-n-octyl phthalate	340	U	ug/Kg	20	340	1.0
1,4-Dioxane	340	U	ug/Kg	87	340	1.0
Fluoranthene	340	U	ug/Kg	18	340	1.0
Fluorene	340	U	ug/Kg	21	340	1.0
Hexachlorobenzene	340	U	ug/Kg	21	340	1.0
Hexachlorobutadiene	340	U	ug/Kg	22	340	1.0
Hexachlorocyclopentadiene	340	U *	ug/Kg	180	340	1.0
Hexachloroethane	340	U	ug/Kg	18	340	1.0
Indeno[1,2,3-cd]pyrene	340	U	ug/Kg	30	340	1.0
Isophorone	340	U	ug/Kg	18	340	1.0
Mercaptobenzothiazole	1800	U *	ug/Kg	1800	1800	1.0
2-Methylnaphthalene	340	U	ug/Kg	18	340	1.0
2-Methylphenol	340	U	ug/Kg	22	340	1.0
3 & 4 Methylphenol	340	U	ug/Kg	22	340	1.0
Naphthalene	340	U	ug/Kg	18	340	1.0
2-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
3-Nitroaniline	1800	U	ug/Kg	34	1800	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SS
Lab Sample ID: 680-30046-3

Date Sampled: 09/07/2007 1020
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
Nitrobenzene	340	U	ug/Kg	18	340	1.0
2-Nitrophenol	340	U	ug/Kg	24	340	1.0
4-Nitrophenol	1800	U	ug/Kg	180	1800	1.0
N-Nitrosodimethylamine	340	U	ug/Kg	180	340	1.0
N-Nitrosodi-n-propylamine	340	U	ug/Kg	18	340	1.0
N-Nitrosodiphenylamine	340	U	ug/Kg	34	340	1.0
2,2'-oxybis[1-chloropropane]	340	U	ug/Kg	18	340	1.0
Pentachlorophenol	1800	U	ug/Kg	180	1800	1.0
Phenanthrene	340	U	ug/Kg	18	340	1.0
Phenol	340	U	ug/Kg	18	340	1.0
Pyrene	340	U	ug/Kg	18	340	1.0
2,4,5-Trichlorophenol	340	U	ug/Kg	70	340	1.0
2,4,6-Trichlorophenol	340	U	ug/Kg	70	340	1.0

Surrogate

Acceptance Limits

2-Fluorobiphenyl	46		%		44 - 110	
2-Fluorophenol	46		%		41 - 110	
Nitrobenzene-d5	43		%		36 - 110	
Phenol-d5	46		%		43 - 110	
Terphenyl-d14	57		%		10 - 112	
2,4,6-Tribromophenol	61		%		36 - 128	

Tentatively Identified Compounds

Cas Number

RT

Unknown Aldol Condensate	8500	A J	ug/Kg		3.19	1.0
Unknown	140	J	ug/Kg		12.23	1.0
Unknown	220	J	ug/Kg		12.47	1.0
Unknown	150	J	ug/Kg		12.92	1.0
28-Nor-17.alpha.(H)-hopane	390	J N	ug/Kg	53584-60-4	13.01	1.0
Unknown Alkane	230	J	ug/Kg		13.11	1.0
Unknown PAH	320	J	ug/Kg		13.44	1.0
Unknown PAH	220	J	ug/Kg		13.99	1.0
Unknown Aldehyde	150	J	ug/Kg		14.06	1.0
Unknown	140	J	ug/Kg		14.27	1.0
Unknown PAH	160	J	ug/Kg		14.47	1.0

Method: Soluble-8015B

Date Analyzed: 09/18/2007 2305

Dibenzylamine	5.3	U	mg/Kg	5.3	5.3	1.0
Diethylamine	5.3	U	mg/Kg	5.3	5.3	1.0
Dimethylamine	5.3	U	mg/Kg	5.3	5.3	1.0
Dibutyl amine	5.3	U	mg/Kg	5.3	5.3	1.0

Method: 630.1

Date Analyzed: 10/04/2007 1830

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SS
Lab Sample ID: 680-30046-3

Date Sampled: 09/07/2007 1020
Date Received: 09/13/2007 1042
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Prep Method: 630.1					
Dithiocarbamates, Total	1.6 U *	mg/Kg	1.6	1.6	1.0
Method: 8015B					
Prep Method: 3550B					
Mineral oil	230	mg/Kg	21	21	1.0
Surrogate	Acceptance Limits				
o-Terphenyl	84	%		39 - 140	
Method: 6020					
Prep Method: 3050B					
Sodium	100	mg/Kg	28	92	2.0
Nickel	8.1	mg/Kg	0.066	0.37	2.0
Zinc	15	mg/Kg	1.2	7.4	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SS
Lab Sample ID: 680-30046-3

Date Sampled: 09/07/2007 1020
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9038					
Prep Method: 5050					
Total Sulfur	160 U	mg/Kg	160	160	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SO 10-11
Lab Sample ID: 680-30046-4

Date Sampled: 09/07/2007 1045
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B				Date Analyzed: 09/21/2007 1315		
Prep Method: 5035				Date Prepared: 09/17/2007 1350		
Acetone	22	U	ug/Kg	1.9	22	1.0
Benzene	2.2	U	ug/Kg	0.34	2.2	1.0
Bromodichloromethane	2.2	U	ug/Kg	0.36	2.2	1.0
Bromoform	2.2	U	ug/Kg	0.47	2.2	1.0
Bromomethane	2.2	U	ug/Kg	0.69	2.2	1.0
Carbon disulfide	2.2	U	ug/Kg	0.22	2.2	1.0
Carbon tetrachloride	2.2	U	ug/Kg	0.43	2.2	1.0
Chlorobenzene	2.2	U	ug/Kg	0.32	2.2	1.0
Chloroethane	2.2	U	ug/Kg	0.52	2.2	1.0
Chloroform	2.2	U	ug/Kg	0.22	2.2	1.0
Chloromethane	2.2	U	ug/Kg	0.31	2.2	1.0
cis-1,2-Dichloroethene	2.2	U	ug/Kg	0.27	2.2	1.0
cis-1,3-Dichloropropene	2.2	U	ug/Kg	0.38	2.2	1.0
Cyclohexane	4.3	U	ug/Kg	0.26	4.3	1.0
Dibromochloromethane	2.2	U	ug/Kg	0.22	2.2	1.0
1,2-Dibromo-3-Chloropropane	4.3	U	ug/Kg	1.2	4.3	1.0
1,2-Dibromoethane	2.2	U	ug/Kg	0.65	2.2	1.0
1,2-Dichlorobenzene	2.2	U	ug/Kg	0.28	2.2	1.0
1,3-Dichlorobenzene	2.2	U	ug/Kg	0.36	2.2	1.0
1,4-Dichlorobenzene	2.2	U	ug/Kg	0.22	2.2	1.0
Dichlorodifluoromethane	2.2	U	ug/Kg	0.38	2.2	1.0
1,1-Dichloroethane	2.2	U	ug/Kg	0.22	2.2	1.0
1,2-Dichloroethane	2.2	U	ug/Kg	0.43	2.2	1.0
1,1-Dichloroethene	2.2	U	ug/Kg	0.23	2.2	1.0
1,2-Dichloropropane	2.2	U	ug/Kg	0.47	2.2	1.0
Ethylbenzene	2.2	U	ug/Kg	0.32	2.2	1.0
2-Hexanone	11	U	ug/Kg	0.91	11	1.0
Isopropylbenzene	2.2	U	ug/Kg	0.22	2.2	1.0
Methyl acetate	4.3	U	ug/Kg	0.95	4.3	1.0
Methylcyclohexane	4.3	U	ug/Kg	0.31	4.3	1.0
Methylene Chloride	2.2	U	ug/Kg	0.43	2.2	1.0
Methyl ethyl ketone (MEK)	11	U	ug/Kg	1.2	11	1.0
Methyl isobutyl ketone (MIBK)	11	U	ug/Kg	1.3	11	1.0
Methyl tert-butyl ether	22	U	ug/Kg	0.95	22	1.0
Styrene	2.2	U	ug/Kg	0.28	2.2	1.0
1,1,2,2-Tetrachloroethane	2.2	U	ug/Kg	0.60	2.2	1.0
Tetrachloroethene	2.2	U	ug/Kg	0.32	2.2	1.0
Toluene	0.83	J	ug/Kg	0.34	2.2	1.0
trans-1,2-Dichloroethene	2.2	U	ug/Kg	0.42	2.2	1.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SO 10-11
Lab Sample ID: 680-30046-4

Date Sampled: 09/07/2007 1045
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.2	U	ug/Kg	0.38	2.2	1.0
1,2,4-Trichlorobenzene	2.2	U	ug/Kg	0.43	2.2	1.0
1,1,1-Trichloroethane	2.2	U	ug/Kg	0.25	2.2	1.0
1,1,2-Trichloroethane	2.2	U	ug/Kg	0.52	2.2	1.0
Trichloroethene	2.2	U	ug/Kg	0.43	2.2	1.0
Trichlorofluoromethane	2.2	U	ug/Kg	0.65	2.2	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.2	U	ug/Kg	0.28	2.2	1.0
1,2,4-Trimethylbenzene	2.2	U	ug/Kg	0.23	2.2	1.0
1,3,5-Trimethylbenzene	2.2	U	ug/Kg	0.38	2.2	1.0
Vinyl chloride	2.2	U	ug/Kg	0.25	2.2	1.0
Xylenes, Total	4.3	U	ug/Kg	0.99	4.3	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	80		%		65 - 124	
Dibromofluoromethane	88		%		65 - 124	
Toluene-d8 (Surr)	90		%		65 - 132	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1400	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	5.1	J	ug/Kg		1.16	1.0
Unknown	2.2	J	ug/Kg		1.35	1.0
Unknown	3.1	J	ug/Kg		1.47	1.0
Unknown	6.6	J	ug/Kg		2.35	1.0
Unknown	8.1	J	ug/Kg		2.40	1.0
Unknown	5.9	J	ug/Kg		2.49	1.0
Unknown Alkane	6.5	J	ug/Kg		2.64	1.0
Unknown	2.8	J	ug/Kg		3.01	1.0
Unknown Alkene	17	J	ug/Kg		7.95	1.0
Method: 8270C				Date Analyzed:	09/30/2007 1454	
Prep Method: 3550B				Date Prepared:	09/20/2007 1000	
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

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SO 10-11
Lab Sample ID: 680-30046-4

Date Sampled: 09/07/2007 1045
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[g,h,i]perylene	400	U	ug/Kg	29	400	1.0
Benzo[k]fluoranthene	400	U	ug/Kg	21	400	1.0
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

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SO 10-11
Lab Sample ID: 680-30046-4

Date Sampled: 09/07/2007 1045
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
3 & 4 Methylphenol	400	U	ug/Kg	25	400	1.0
Naphthalene	400	U	ug/Kg	21	400	1.0
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	49		%		44 - 110	
2-Fluorophenol	57		%		41 - 110	
Nitrobenzene-d5	51		%		36 - 110	
Phenol-d5	54		%		43 - 110	
Terphenyl-d14	70		%		10 - 112	
2,4,6-Tribromophenol	69		%		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 2336					
Dibenzylamine	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
Dibutyl amine	6.0	U	mg/Kg	6.0	6.0	1.0
Method: 630.1	Date Analyzed: 10/04/2007 1852					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0036					
Prep Method: 3550B	Date Prepared: 09/20/2007 1425					
Mineral oil	24	U	mg/Kg	24	24	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SO 10-11
Lab Sample ID: 680-30046-4

Date Sampled: 09/07/2007 1045
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate	Acceptance Limits				
o-Terphenyl	93	%		39 - 140	
Method: 6020			Date Analyzed:	09/18/2007 1410	
Prep Method: 3050B			Date Prepared:	09/17/2007 0953	
Sodium	450	mg/Kg	32	110	2.0
Nickel	34	mg/Kg	0.076	0.42	2.0
Zinc	56	mg/Kg	1.3	8.4	2.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-028-SO 10-11
Lab Sample ID: 680-30046-4

Date Sampled: 09/07/2007 1045
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

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: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SS
Lab Sample ID: 680-30046-5

Date Sampled: 09/07/2007 1145
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 1005		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	23	U	ug/Kg	2.1	23	1.0
Benzene	2.3	U	ug/Kg	0.37	2.3	1.0
Bromodichloromethane	2.3	U	ug/Kg	0.39	2.3	1.0
Bromoform	2.3	U	ug/Kg	0.52	2.3	1.0
Bromomethane	2.3	U	ug/Kg	0.75	2.3	1.0
Carbon disulfide	2.3	U	ug/Kg	0.24	2.3	1.0
Carbon tetrachloride	2.3	U	ug/Kg	0.47	2.3	1.0
Chlorobenzene	2.3	U	ug/Kg	0.34	2.3	1.0
Chloroethane	2.3	U	ug/Kg	0.56	2.3	1.0
Chloroform	2.3	U	ug/Kg	0.23	2.3	1.0
Chloromethane	2.3	U	ug/Kg	0.33	2.3	1.0
cis-1,2-Dichloroethene	2.3	U	ug/Kg	0.30	2.3	1.0
cis-1,3-Dichloropropene	2.3	U	ug/Kg	0.41	2.3	1.0
Cyclohexane	4.7	U	ug/Kg	0.28	4.7	1.0
Dibromochloromethane	2.3	U	ug/Kg	0.23	2.3	1.0
1,2-Dibromo-3-Chloropropane	4.7	U	ug/Kg	1.3	4.7	1.0
1,2-Dibromoethane	2.3	U	ug/Kg	0.70	2.3	1.0
1,2-Dichlorobenzene	2.3	U	ug/Kg	0.30	2.3	1.0
1,3-Dichlorobenzene	2.3	U	ug/Kg	0.39	2.3	1.0
1,4-Dichlorobenzene	2.3	U	ug/Kg	0.24	2.3	1.0
Dichlorodifluoromethane	2.3	U	ug/Kg	0.42	2.3	1.0
1,1-Dichloroethane	2.3	U	ug/Kg	0.23	2.3	1.0
1,2-Dichloroethane	2.3	U	ug/Kg	0.47	2.3	1.0
1,1-Dichloroethene	2.3	U	ug/Kg	0.25	2.3	1.0
1,2-Dichloropropane	2.3	U	ug/Kg	0.52	2.3	1.0
Ethylbenzene	2.3	U	ug/Kg	0.35	2.3	1.0
2-Hexanone	12	U	ug/Kg	0.99	12	1.0
Isopropylbenzene	2.3	U	ug/Kg	0.23	2.3	1.0
Methyl acetate	4.7	U	ug/Kg	1.0	4.7	1.0
Methylcyclohexane	4.7	U	ug/Kg	0.34	4.7	1.0
Methylene Chloride	2.3	U	ug/Kg	0.47	2.3	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	23	U	ug/Kg	1.0	23	1.0
Styrene	2.3	U	ug/Kg	0.31	2.3	1.0
1,1,2,2-Tetrachloroethane	2.3	U	ug/Kg	0.66	2.3	1.0
Tetrachloroethene	1.0	J	ug/Kg	0.34	2.3	1.0
Toluene	2.0	J	ug/Kg	0.37	2.3	1.0
trans-1,2-Dichloroethene	2.3	U	ug/Kg	0.45	2.3	1.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SS
Lab Sample ID: 680-30046-5

Date Sampled: 09/07/2007 1145
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	2.3	U	ug/Kg	0.41	2.3	1.0
1,2,4-Trichlorobenzene	2.3	U	ug/Kg	0.47	2.3	1.0
1,1,1-Trichloroethane	2.3	U	ug/Kg	0.27	2.3	1.0
1,1,2-Trichloroethane	2.3	U	ug/Kg	0.56	2.3	1.0
Trichloroethene	2.3	U	ug/Kg	0.47	2.3	1.0
Trichlorofluoromethane	2.3	U	ug/Kg	0.70	2.3	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.3	U	ug/Kg	0.31	2.3	1.0
1,2,4-Trimethylbenzene	2.3	U	ug/Kg	0.25	2.3	1.0
1,3,5-Trimethylbenzene	2.3	U	ug/Kg	0.41	2.3	1.0
Vinyl chloride	2.3	U	ug/Kg	0.27	2.3	1.0
Xylenes, Total	4.7	U	ug/Kg	1.1	4.7	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	76		%		65 - 124	
Dibromofluoromethane	83		%		65 - 124	
Toluene-d8 (Surr)	81		%		65 - 132	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	910	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	4.8	J	ug/Kg		1.68	1.0
Unknown	6.0	J	ug/Kg		2.35	1.0
Unknown	23	J	ug/Kg		2.40	1.0
Unknown	3.6	J	ug/Kg		2.49	1.0
Unknown	4.7	J	ug/Kg		2.64	1.0
Unknown	2.9	J	ug/Kg		3.01	1.0
Method: 8270C				Date Analyzed:	09/30/2007 1516	
Prep Method: 3550B				Date Prepared:	09/20/2007 1000	
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	1000	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

Mr. Bruce Yare
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575 Maryville Centre Dr.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SS
Lab Sample ID: 680-30046-5

Date Sampled: 09/07/2007 1145
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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
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	100	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	2700	*	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

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SS
Lab Sample ID: 680-30046-5

Date Sampled: 09/07/2007 1145
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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
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	48		%		44 - 110	
2-Fluorophenol	56		%		41 - 110	
Nitrobenzene-d5	50		%		36 - 110	
Phenol-d5	55		%		43 - 110	
Terphenyl-d14	70		%		10 - 112	
2,4,6-Tribromophenol	73		%		36 - 128	
Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	11000	A J	ug/Kg		3.18	1.0
Method: Soluble-8015B	Date Analyzed: 09/19/2007 0006					
Dibenzylamine	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
Dibutyl amine	6.0	U	mg/Kg	6.0	6.0	1.0
Method: 630.1	Date Analyzed: 10/04/2007 1915					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0049					
Prep Method: 3550B	Date Prepared: 09/20/2007 1425					
Mineral oil	24	U	mg/Kg	24	24	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	83		%		39 - 140	

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SS
Lab Sample ID: 680-30046-5

Date Sampled: 09/07/2007 1145
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 6020			Date Analyzed:	09/18/2007 1417	
Prep Method: 3050B			Date Prepared:	09/17/2007 0953	
Sodium	540	mg/Kg	33	110	2.0
Nickel	46	mg/Kg	0.079	0.44	2.0
Zinc	96	mg/Kg	1.4	8.7	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SS
Lab Sample ID: 680-30046-5

Date Sampled: 09/07/2007 1145
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 83

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: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SO 7-8
Lab Sample ID: 680-30046-6

Date Sampled: 09/07/2007 1220
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 1026		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	25	U	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	0.81	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	0.76	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	0.71	2.5	1.0
Tetrachloroethene	2.5	U	ug/Kg	0.37	2.5	1.0
Toluene	0.96	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.
575 Maryville Centre Dr.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SO 7-8
Lab Sample ID: 680-30046-6

Date Sampled: 09/07/2007 1220
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 79

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	0.76	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	79		%		65 - 124	
Dibromofluoromethane	89		%		65 - 124	
Toluene-d8 (Surr)	85		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1700	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	3.5	J	ug/Kg		1.68	1.0
Unknown	6.3	J	ug/Kg		2.35	1.0
Unknown Alkane	24	J	ug/Kg		2.40	1.0
Unknown	4.9	J	ug/Kg		2.49	1.0
Unknown	5.0	J	ug/Kg		2.64	1.0
Unknown	2.7	J	ug/Kg		3.01	1.0
Unknown Alkene	17	J	ug/Kg		7.95	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/30/2007 1537

Date Prepared: 09/20/2007 1000

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

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SO 7-8
Lab Sample ID: 680-30046-6

Date Sampled: 09/07/2007 1220
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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
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

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SO 7-8
Lab Sample ID: 680-30046-6

Date Sampled: 09/07/2007 1220
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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
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	54		%		44 - 110	
2-Fluorophenol	65		%		41 - 110	
Nitrobenzene-d5	60		%		36 - 110	
Phenol-d5	62		%		43 - 110	
Terphenyl-d14	80		%		10 - 112	
2,4,6-Tribromophenol	83		%		36 - 128	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	15000	A J	ug/Kg		3.18	1.0
Butyl hexadecanoate	260	J N	ug/Kg	0-00-0	9.60	1.0
Method: Soluble-8015B	Date Analyzed: 09/19/2007 0037					
Dibenzylamine	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
Dibutyl amine	6.3	U	mg/Kg	6.3	6.3	1.0
Method: 630.1	Date Analyzed: 10/04/2007 1937					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0102					
Prep Method: 3550B	Date Prepared: 09/20/2007 1425					
Mineral oil	25	U	mg/Kg	25	25	1.0
Surrogate	Acceptance Limits					

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SO 7-8
Lab Sample ID: 680-30046-6

Date Sampled: 09/07/2007 1220
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
o-Terphenyl	87	%		39 - 140	
Method: 6020				Date Analyzed: 09/18/2007 1505	
Prep Method: 3050B				Date Prepared: 09/17/2007 0953	
Sodium	1100	mg/Kg	34	110	2.0
Nickel	55	mg/Kg	0.082	0.46	2.0
Zinc	88	mg/Kg	1.5	9.1	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-027-SO 7-8
Lab Sample ID: 680-30046-6

Date Sampled: 09/07/2007 1220
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 79

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9038			Date Analyzed:	09/24/2007	1508	
Prep Method: 5050			Date Prepared:	09/21/2007	0900	
Total Sulfur	180	U	mg/Kg	180	180	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SS
Lab Sample ID: 680-30046-7

Date Sampled: 09/07/2007 1555
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 1337		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	25	U	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	0.81	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	1.9	J	ug/Kg	0.37	2.5	1.0
Toluene	3.3		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
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575 Maryville Centre Dr.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SS
Lab Sample ID: 680-30046-7

Date Sampled: 09/07/2007 1555
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

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	74		%		65 - 124	
Dibromofluoromethane	88		%		65 - 124	
Toluene-d8 (Surr)	88		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	2300	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	4.1	J	ug/Kg		1.68	1.0
Unknown	3.3	J	ug/Kg		2.09	1.0
Unknown	63	J	ug/Kg		2.35	1.0
Unknown	27	J	ug/Kg		2.40	1.0
Unknown	60	J	ug/Kg		2.49	1.0
Unknown Alkane	65	J	ug/Kg		2.64	1.0
Unknown	2.7	J	ug/Kg		2.88	1.0
Unknown Alkane	28	J	ug/Kg		3.00	1.0

Method: 8270C

Prep Method: 3550B

Date Analyzed: 09/30/2007 1559
Date Prepared: 09/20/2007 1000

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	810	U	ug/Kg	21	810	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	53	410	1.0
Benzidine	3300	U	ug/Kg	1000	3300	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

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SS
Lab Sample ID: 680-30046-7

Date Sampled: 09/07/2007 1555
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	39	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	810	U	ug/Kg	21	810	1.0
4-Chloro-3-methylphenol	410	U	ug/Kg	82	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	28	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	810	U	ug/Kg	21	810	1.0
2,4-Dichlorophenol	410	U	ug/Kg	210	410	1.0
Diethyl phthalate	410	U	ug/Kg	22	410	1.0
2,4-Dimethylphenol	410	U	ug/Kg	21	410	1.0
Dimethyl phthalate	410	U	ug/Kg	82	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	23	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

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SS
Lab Sample ID: 680-30046-7

Date Sampled: 09/07/2007 1555
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	28	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	82	410	1.0
2,4,6-Trichlorophenol	410	U	ug/Kg	82	410	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	54		%		44 - 110	
2-Fluorophenol	62		%		41 - 110	
Nitrobenzene-d5	56		%		36 - 110	
Phenol-d5	62		%		43 - 110	
Terphenyl-d14	75		%		10 - 112	
2,4,6-Tribromophenol	75		%		36 - 128	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	13000	A J	ug/Kg		3.18	1.0
Unknown Alcohol	190	J	ug/Kg		14.27	1.0
Method: Soluble-8015B	Date Analyzed: 09/19/2007 0108					
Dibenzylamine	6.2	U	mg/Kg	6.2	6.2	1.0
Diethylamine	6.2	U	mg/Kg	6.2	6.2	1.0
Dimethylamine	6.2	U	mg/Kg	6.2	6.2	1.0
Dibutyl amine	6.2	U	mg/Kg	6.2	6.2	1.0
Method: 630.1	Date Analyzed: 10/04/2007 1959					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0115					
Prep Method: 3550B	Date Prepared: 09/20/2007 1425					
Mineral oil	25	U	mg/Kg	25	25	1.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SS
Lab Sample ID: 680-30046-7

Date Sampled: 09/07/2007 1555
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate	Acceptance Limits				
o-Terphenyl	89	%		39 - 140	
Method: 6020			Date Analyzed:	09/18/2007 1512	
Prep Method: 3050B			Date Prepared:	09/17/2007 0953	
Sodium	340	mg/Kg	35	120	2.0
Nickel	54	mg/Kg	0.083	0.46	2.0
Zinc	80	mg/Kg	1.5	9.2	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SS
Lab Sample ID: 680-30046-7

Date Sampled: 09/07/2007 1555
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9038				Date Analyzed:	09/24/2007 1508	
Prep Method: 5050				Date Prepared:	09/21/2007 0900	
Total Sulfur	190	U	mg/Kg	190	190	1.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SO 11-12
Lab Sample ID: 680-30046-8

Date Sampled: 09/07/2007 1630
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 1108		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	47		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	0.78	2.4	1.0
Carbon disulfide	2.4	U	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	0.35	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	0.34	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	4.6	J	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	0.53	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	4.9	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	3.7		ug/Kg	0.35	2.4	1.0
Toluene	11		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: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SO 11-12
Lab Sample ID: 680-30046-8

Date Sampled: 09/07/2007 1630
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

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	74		%		65 - 124	
Dibromofluoromethane	82		%		65 - 124	
Toluene-d8 (Surr)	81		%		65 - 132	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	2200	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	13	J	ug/Kg		1.68	1.0
Unknown Alkane	210	J	ug/Kg		2.36	1.0
Unknown	67	J	ug/Kg		2.40	1.0
Unknown	210	J	ug/Kg		2.50	1.0
Unknown Alkane	230	J	ug/Kg		2.65	1.0
Unknown	7.9	J	ug/Kg		2.89	1.0
Unknown Alkane	96	J	ug/Kg		3.01	1.0
Unknown Alkene	8.2	J	ug/Kg		6.51	1.0
Unknown Alkene	16	J	ug/Kg		7.95	1.0
Method: 8270C				Date Analyzed:	09/30/2007 1621	
Prep Method: 3550B				Date Prepared:	09/20/2007 1000	
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	820	U	ug/Kg	21	820	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

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SO 11-12
Lab Sample ID: 680-30046-8

Date Sampled: 09/07/2007 1630
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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
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	820	U	ug/Kg	21	820	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	820	U	ug/Kg	21	820	1.0
2,4-Dichlorophenol	410	U	ug/Kg	210	410	1.0
Diethyl phthalate	410	U	ug/Kg	22	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

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SO 11-12
Lab Sample ID: 680-30046-8

Date Sampled: 09/07/2007 1630
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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
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	53		%		44 - 110	
2-Fluorophenol	62		%		41 - 110	
Nitrobenzene-d5	55		%		36 - 110	
Phenol-d5	62		%		43 - 110	
Terphenyl-d14	80		%		10 - 112	
2,4,6-Tribromophenol	69		%		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: 09/19/2007 0138					
Dibenzylamine	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
Dibutyl amine	6.3	U	mg/Kg	6.3	6.3	1.0
Method: 630.1	Date Analyzed: 10/04/2007 2021					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0128					
Prep Method: 3550B	Date Prepared: 09/20/2007 1425					
Mineral oil	25	U	mg/Kg	25	25	1.0

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SO 11-12
Lab Sample ID: 680-30046-8

Date Sampled: 09/07/2007 1630
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
o-Terphenyl	91	%		39 - 140	
Method: 6020			Date Analyzed:	09/18/2007 1518	
Prep Method: 3050B			Date Prepared:	09/17/2007 0953	
Sodium	300	mg/Kg	33	110	2.0
Nickel	47	mg/Kg	0.080	0.44	2.0
Zinc	77	mg/Kg	1.4	8.9	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-030-SO 11-12
Lab Sample ID: 680-30046-8

Date Sampled: 09/07/2007 1630
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 80

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: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SS
Lab Sample ID: 680-30046-9

Date Sampled: 09/08/2007 0810
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 1130		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
Acetone	20	J	ug/Kg	2.5	28	1.0
Benzene	2.8	U	ug/Kg	0.44	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	0.90	2.8	1.0
Carbon disulfide	2.8	U	ug/Kg	0.29	2.8	1.0
Carbon tetrachloride	2.8	U	ug/Kg	0.56	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	0.40	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	0.49	2.8	1.0
Cyclohexane	5.6	U	ug/Kg	0.34	5.6	1.0
Dibromochloromethane	2.8	U	ug/Kg	0.28	2.8	1.0
1,2-Dibromo-3-Chloropropane	5.6	U	ug/Kg	1.6	5.6	1.0
1,2-Dibromoethane	2.8	U	ug/Kg	0.84	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	0.47	2.8	1.0
1,4-Dichlorobenzene	2.8	U	ug/Kg	0.29	2.8	1.0
Dichlorodifluoromethane	2.8	U	ug/Kg	0.50	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	0.56	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	0.62	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	5.6	U	ug/Kg	1.2	5.6	1.0
Methylcyclohexane	5.6	U	ug/Kg	0.40	5.6	1.0
Methylene Chloride	2.8	U	ug/Kg	0.56	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	1.1	J	ug/Kg	0.44	2.8	1.0
trans-1,2-Dichloroethene	2.8	U	ug/Kg	0.54	2.8	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SS
Lab Sample ID: 680-30046-9

Date Sampled: 09/08/2007 0810
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 93

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	0.56	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	0.67	2.8	1.0
Trichloroethene	2.8	U	ug/Kg	0.56	2.8	1.0
Trichlorofluoromethane	2.8	U	ug/Kg	0.84	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	5.6	U	ug/Kg	1.3	5.6	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	75		%		65 - 124	
Dibromofluoromethane	81		%		65 - 124	
Toluene-d8 (Surr)	87		%		65 - 132	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1300	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	10	J	ug/Kg		1.68	1.0
Unknown	6.7	J	ug/Kg		1.83	1.0
Unknown	10	J	ug/Kg		1.96	1.0
Unknown	4.5	J	ug/Kg		2.26	1.0
Unknown Alkane	11	J	ug/Kg		2.35	1.0
Unknown Alkene	39	J	ug/Kg		2.40	1.0
Unknown	8.0	J	ug/Kg		2.49	1.0
Unknown Alkane	7.4	J	ug/Kg		2.64	1.0
Unknown Alkene	19	J	ug/Kg		7.95	1.0

Method: 8270C

Date Analyzed: 09/30/2007 1643

Prep Method: 3550B

Date Prepared: 09/20/2007 1000

Acenaphthene	350	U	ug/Kg	18	350	1.0
Acenaphthylene	350	U	ug/Kg	18	350	1.0
Acetophenone	350	U *	ug/Kg	18	350	1.0
Aniline	700	U	ug/Kg	18	700	1.0
Anthracene	350	U	ug/Kg	18	350	1.0
Atrazine	350	U	ug/Kg	18	350	1.0
Benzaldehyde	350	U	ug/Kg	46	350	1.0
Benzidine	2900	U	ug/Kg	880	2900	1.0
Benzo[a]anthracene	350	U	ug/Kg	35	350	1.0
Benzo[a]pyrene	350	U	ug/Kg	18	350	1.0
Benzo[b]fluoranthene	350	U	ug/Kg	18	350	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SS
Lab Sample ID: 680-30046-9

Date Sampled: 09/08/2007 0810
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[g,h,i]perylene	350	U	ug/Kg	26	350	1.0
Benzo[k]fluoranthene	350	U	ug/Kg	18	350	1.0
1,1'-Biphenyl	350	U	ug/Kg	18	350	1.0
Bis(2-chloroethoxy)methane	350	U	ug/Kg	18	350	1.0
Bis(2-chloroethyl)ether	350	U	ug/Kg	18	350	1.0
Bis(2-ethylhexyl) phthalate	46	J	ug/Kg	34	350	1.0
4-Bromophenyl phenyl ether	350	U	ug/Kg	18	350	1.0
Butyl benzyl phthalate	350	U	ug/Kg	18	350	1.0
Caprolactam	350	U	ug/Kg	18	350	1.0
Carbazole	350	U	ug/Kg	18	350	1.0
4-Chloroaniline	700	U	ug/Kg	18	700	1.0
4-Chloro-3-methylphenol	350	U	ug/Kg	71	350	1.0
2-Chloronaphthalene	350	U	ug/Kg	18	350	1.0
2-Chlorophenol	350	U	ug/Kg	18	350	1.0
4-Chlorophenyl phenyl ether	350	U	ug/Kg	24	350	1.0
Chrysene	350	U	ug/Kg	18	350	1.0
Dibenz(a,h)anthracene	350	U	ug/Kg	26	350	1.0
Dibenzofuran	350	U	ug/Kg	18	350	1.0
3,3'-Dichlorobenzidine	700	U	ug/Kg	18	700	1.0
2,4-Dichlorophenol	350	U	ug/Kg	180	350	1.0
Diethyl phthalate	350	U	ug/Kg	19	350	1.0
2,4-Dimethylphenol	350	U	ug/Kg	18	350	1.0
Dimethyl phthalate	350	U	ug/Kg	71	350	1.0
Di-n-butyl phthalate	350	U	ug/Kg	18	350	1.0
4,6-Dinitro-2-methylphenol	1800	U	ug/Kg	350	1800	1.0
2,4-Dinitrophenol	1800	U	ug/Kg	170	1800	1.0
2,4-Dinitrotoluene	350	U	ug/Kg	22	350	1.0
2,6-Dinitrotoluene	350	U	ug/Kg	21	350	1.0
Di-n-octyl phthalate	350	U	ug/Kg	20	350	1.0
1,4-Dioxane	350	U	ug/Kg	88	350	1.0
Fluoranthene	350	U	ug/Kg	18	350	1.0
Fluorene	350	U	ug/Kg	21	350	1.0
Hexachlorobenzene	350	U	ug/Kg	21	350	1.0
Hexachlorobutadiene	350	U	ug/Kg	22	350	1.0
Hexachlorocyclopentadiene	350	U *	ug/Kg	180	350	1.0
Hexachloroethane	350	U	ug/Kg	18	350	1.0
Indeno[1,2,3-cd]pyrene	350	U	ug/Kg	31	350	1.0
Isophorone	350	U	ug/Kg	18	350	1.0
Mercaptobenzothiazole	1800	U *	ug/Kg	1800	1800	1.0
2-Methylnaphthalene	350	U	ug/Kg	18	350	1.0
2-Methylphenol	350	U	ug/Kg	22	350	1.0

Mr. Bruce Yare
Solutia Inc.
575 Maryville Centre Dr.
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SS
Lab Sample ID: 680-30046-9

Date Sampled: 09/08/2007 0810
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
3 & 4 Methylphenol	350	U	ug/Kg	22	350	1.0
Naphthalene	350	U	ug/Kg	18	350	1.0
2-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
3-Nitroaniline	1800	U	ug/Kg	35	1800	1.0
4-Nitroaniline	1800	U	ug/Kg	180	1800	1.0
Nitrobenzene	350	U	ug/Kg	18	350	1.0
2-Nitrophenol	350	U	ug/Kg	24	350	1.0
4-Nitrophenol	1800	U	ug/Kg	180	1800	1.0
N-Nitrosodimethylamine	350	U	ug/Kg	180	350	1.0
N-Nitrosodi-n-propylamine	350	U	ug/Kg	18	350	1.0
N-Nitrosodiphenylamine	350	U	ug/Kg	35	350	1.0
2,2'-oxybis[1-chloropropane]	350	U	ug/Kg	18	350	1.0
Pentachlorophenol	1800	U	ug/Kg	180	1800	1.0
Phenanthrene	350	U	ug/Kg	18	350	1.0
Phenol	350	U	ug/Kg	18	350	1.0
Pyrene	350	U	ug/Kg	18	350	1.0
2,4,5-Trichlorophenol	350	U	ug/Kg	71	350	1.0
2,4,6-Trichlorophenol	350	U	ug/Kg	71	350	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	60		%		44 - 110	
2-Fluorophenol	65		%		41 - 110	
Nitrobenzene-d5	59		%		36 - 110	
Phenol-d5	65		%		43 - 110	
Terphenyl-d14	83		%		10 - 112	
2,4,6-Tribromophenol	73		%		36 - 128	
Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	7700	A J	ug/Kg		3.18	1.0
Unknown	5000	J	ug/Kg		3.21	1.0
Unknown Alcohol	180	J	ug/Kg		14.27	1.0
Method: Soluble-8015B	Date Analyzed: 09/19/2007 0209					
Dibenzylamine	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
Dibutyl amine	5.4	U	mg/Kg	5.4	5.4	1.0
Method: 630.1	Date Analyzed: 10/04/2007 2043					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0141					

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SS
Lab Sample ID: 680-30046-9

Date Sampled: 09/08/2007 0810
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Prep Method: 3550B			Date Prepared:		09/20/2007 1425	
Mineral oil	21	U	mg/Kg	21	21	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	60		%		39 - 140	
Method: 6020			Date Analyzed:		09/18/2007 1525	
Prep Method: 3050B			Date Prepared:		09/17/2007 0953	
Sodium	160		mg/Kg	29	96	2.0
Nickel	13		mg/Kg	0.069	0.38	2.0
Zinc	100		mg/Kg	1.2	7.7	2.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SS
Lab Sample ID: 680-30046-9

Date Sampled: 09/08/2007 0810
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9038				Date Analyzed:	09/24/2007 1508	
Prep Method: 5050				Date Prepared:	09/21/2007 0900	
Total Sulfur	160	U	mg/Kg	160	160	1.0

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SO 11-12
Lab Sample ID: 680-30046-10

Date Sampled: 09/08/2007 0855
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	09/21/2007 1151		
Prep Method: 5035			Date Prepared:	09/17/2007 1350		
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	0.84	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	0.45	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	0.27	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	0.57	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	0.38	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	1.1	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	2.6	U	ug/Kg	0.38	2.6	1.0
Toluene	1.4	J	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: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SO 11-12
Lab Sample ID: 680-30046-10

Date Sampled: 09/08/2007 0855
Date Received: 09/13/2007 1042
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	0.63	2.6	1.0
Trichloroethene	2.6	U	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	0.28	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	74		%		65 - 124	
Dibromofluoromethane	85		%		65 - 124	
Toluene-d8 (Surr)	88		%		65 - 132	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	1500	B J N	ug/Kg	124-38-9	1.05	1.0
Unknown	4.5	J	ug/Kg		1.48	1.0
Unknown Alkane	9.8	J	ug/Kg		1.68	1.0
Unknown	6.3	J	ug/Kg		2.19	1.0
Unknown	4.3	J	ug/Kg		2.25	1.0
Unknown	8.2	J	ug/Kg		2.35	1.0
Unknown	50	J	ug/Kg		2.40	1.0
Unknown	4.6	J	ug/Kg		2.49	1.0
Unknown	6.5	J	ug/Kg		2.64	1.0
Method: 8270C				Date Analyzed:	09/30/2007 1705	
Prep Method: 3550B				Date Prepared:	09/20/2007 1000	
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	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

Mr. Bruce Yare
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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SO 11-12
Lab Sample ID: 680-30046-10

Date Sampled: 09/08/2007 0855
Date Received: 09/13/2007 1042
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	840	U	ug/Kg	22	840	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	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	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	200	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

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Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SO 11-12
Lab Sample ID: 680-30046-10

Date Sampled: 09/08/2007 0855
Date Received: 09/13/2007 1042
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	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	86	420	1.0
2,4,6-Trichlorophenol	420	U	ug/Kg	86	420	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	54		%		44 - 110	
2-Fluorophenol	61		%		41 - 110	
Nitrobenzene-d5	59		%		36 - 110	
Phenol-d5	59		%		43 - 110	
Terphenyl-d14	66		%		10 - 112	
2,4,6-Tribromophenol	70		%		36 - 128	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	8300	A J	ug/Kg		3.18	1.0
Method: Soluble-8015B	Date Analyzed: 09/19/2007 0239					
Dibenzylamine	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
Dibutyl amine	6.4	U	mg/Kg	6.4	6.4	1.0
Method: 630.1	Date Analyzed: 10/04/2007 2105					
Prep Method: 630.1	Date Prepared: 09/21/2007 1005					
Dithiocarbamates, Total	1.6	U *	mg/Kg	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/23/2007 0153					
Prep Method: 3550B	Date Prepared: 09/20/2007 1425					
Mineral oil	25	U	mg/Kg	25	25	1.0
Surrogate	Acceptance Limits					

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

Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SO 11-12
Lab Sample ID: 680-30046-10

Date Sampled: 09/08/2007 0855
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
o-Terphenyl	85	%		39 - 140	
Method: 6020			Date Analyzed:	09/18/2007 1532	
Prep Method: 3050B			Date Prepared:	09/17/2007 0953	
Sodium	280	mg/Kg	35	120	2.0
Nickel	48	mg/Kg	0.083	0.46	2.0
Zinc	80	mg/Kg	1.5	9.3	2.0

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

Job Number: 680-30046-1
Sdg Number: FLX008

Client Sample ID: TE-032-SO 11-12
Lab Sample ID: 680-30046-10

Date Sampled: 09/08/2007 0855
Date Received: 09/13/2007 1042
Client Matrix: Solid
Percent Solids: 78

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

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Tellurium Semi-Quantitative Results

SDG FLX008

Sample ID	Lab Sample ID	Analysis time	Operator	Dilution factor	Prep batch	Tellurium 128	Q	Units
TE-029-SS	680-30046-1	9/26/07 1455	CME	1	680-84787	0.5	U	mg/Kg
TE-029-S0 10-11	680-30046-2	9/26/07 1501	CME	1	680-84787	0.5	U	mg/Kg
TE-028-SS	680-30046-3	9/26/07 1506	CME	1	680-84787	0.5	U	mg/Kg
TE-028-S0 10-11	680-30046-4	9/26/07 1512	CME	1	680-84787	0.5	U	mg/Kg
TE-027-SS	680-30046-5	9/26/07 1517	CME	1	680-84845	0.5	U	mg/Kg
TE-027-S0 7-8	680-30046-6	9/26/07 1555	CME	1	680-84845	0.6	U	mg/Kg
TE-030-SS	680-30046-7	9/26/07 1601	CME	1	680-84845	0.6	U	mg/Kg
TE-030-S0 11-12	680-30046-8	9/26/07 1606	CME	1	680-84787	0.6	U	mg/Kg
TE-032-SS	680-30046-9	9/26/07 1612	CME	1	680-84787	0.5	U	mg/Kg
TE-032-S0 11-12	680-30046-10	9/26/07 1617	CME	1	680-84787	0.6	U	mg/Kg

DATA REPORTING QUALIFIERS

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

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
	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.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits

DATA REPORTING QUALIFIERS

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Prep Batch: 680-85606					
680-30046-1	TE-029-SS	T	Solid	5035	
680-30046-2	TE-029-SO 10-11	T	Solid	5035	
680-30046-3	TE-028-SS	T	Solid	5035	
680-30046-4	TE-028-SO 10-11	T	Solid	5035	
680-30046-5	TE-027-SS	T	Solid	5035	
680-30046-6	TE-027-SO 7-8	T	Solid	5035	
680-30046-7	TE-030-SS	T	Solid	5035	
680-30046-8	TE-030-SO 11-12	T	Solid	5035	
680-30046-9	TE-032-SS	T	Solid	5035	
680-30046-10	TE-032-SO 11-12	T	Solid	5035	
Analysis Batch:680-86086					
LCS 680-86086/3	Lab Control Spike	T	Solid	8260B	
MB 680-86086/5	Method Blank	T	Solid	8260B	
680-30046-3	TE-028-SS	T	Solid	8260B	680-85606
680-30046-4	TE-028-SO 10-11	T	Solid	8260B	680-85606
680-30046-5	TE-027-SS	T	Solid	8260B	680-85606
680-30046-6	TE-027-SO 7-8	T	Solid	8260B	680-85606
680-30046-7	TE-030-SS	T	Solid	8260B	680-85606
680-30046-8	TE-030-SO 11-12	T	Solid	8260B	680-85606
680-30046-9	TE-032-SS	T	Solid	8260B	680-85606
680-30046-10	TE-032-SO 11-12	T	Solid	8260B	680-85606
Analysis Batch:680-86108					
LCS 680-86108/5	Lab Control Spike	T	Solid	8260B	
MB 680-86108/6	Method Blank	T	Solid	8260B	
680-30046-1	TE-029-SS	T	Solid	8260B	680-85606
680-30046-2	TE-029-SO 10-11	T	Solid	8260B	680-85606

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS Semi VOA					
Prep Batch: 680-85866					
LCS 680-85866/12-B	Lab Control Spike	T	Solid	3550B	
MB 680-85866/11-B	Method Blank	T	Solid	3550B	
680-30046-1	TE-029-SS	T	Solid	3550B	
680-30046-2	TE-029-SO 10-11	T	Solid	3550B	
680-30046-3	TE-028-SS	T	Solid	3550B	
680-30046-4	TE-028-SO 10-11	T	Solid	3550B	
680-30046-5	TE-027-SS	T	Solid	3550B	
680-30046-6	TE-027-SO 7-8	T	Solid	3550B	
680-30046-7	TE-030-SS	T	Solid	3550B	
680-30046-8	TE-030-SO 11-12	T	Solid	3550B	
680-30046-9	TE-032-SS	T	Solid	3550B	
680-30046-10	TE-032-SO 11-12	T	Solid	3550B	
680-30046-10MS	Matrix Spike	T	Solid	3550B	
680-30046-10MSD	Matrix Spike Duplicate	T	Solid	3550B	
Analysis Batch:680-86205					
LCS 680-85866/12-B	Lab Control Spike	T	Solid	8270C	680-85866
MB 680-85866/11-B	Method Blank	T	Solid	8270C	680-85866
Analysis Batch:680-86925					
680-30046-1	TE-029-SS	T	Solid	8270C	680-85866
680-30046-2	TE-029-SO 10-11	T	Solid	8270C	680-85866
680-30046-3	TE-028-SS	T	Solid	8270C	680-85866
680-30046-4	TE-028-SO 10-11	T	Solid	8270C	680-85866
680-30046-5	TE-027-SS	T	Solid	8270C	680-85866
680-30046-6	TE-027-SO 7-8	T	Solid	8270C	680-85866
680-30046-7	TE-030-SS	T	Solid	8270C	680-85866
680-30046-8	TE-030-SO 11-12	T	Solid	8270C	680-85866
680-30046-9	TE-032-SS	T	Solid	8270C	680-85866
680-30046-10	TE-032-SO 11-12	T	Solid	8270C	680-85866
680-30046-10MS	Matrix Spike	T	Solid	8270C	680-85866
680-30046-10MSD	Matrix Spike Duplicate	T	Solid	8270C	680-85866
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	
680-30046-1RE	TE-029-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
680-30046-1RE	TE-029-SS	T	Solid	8270C	680-87160

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Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		

Report Basis

T = Total

GC VOA

Prep Batch: 680-86702

680-30046-1	TE-029-SS	S	Solid	DI Leach
680-30046-1MS	Matrix Spike	S	Solid	DI Leach
680-30046-1MSD	Matrix Spike Duplicate	S	Solid	DI Leach
680-30046-2	TE-029-SO 10-11	S	Solid	DI Leach
680-30046-3	TE-028-SS	S	Solid	DI Leach
680-30046-4	TE-028-SO 10-11	S	Solid	DI Leach
680-30046-5	TE-027-SS	S	Solid	DI Leach
680-30046-6	TE-027-SO 7-8	S	Solid	DI Leach
680-30046-7	TE-030-SS	S	Solid	DI Leach
680-30046-8	TE-030-SO 11-12	S	Solid	DI Leach
680-30046-9	TE-032-SS	S	Solid	DI Leach
680-30046-10	TE-032-SO 11-12	S	Solid	DI Leach

Analysis Batch: 680-87180

LCS 680-87180/2	Lab Control Spike	T	Solid	8015B
LCS 680-87180/4	Lab Control Spike	T	Solid	8015B
MB 680-87180/5	Method Blank	T	Solid	8015B
680-30046-1	TE-029-SS	S	Solid	8015B
680-30046-2	TE-029-SO 10-11	S	Solid	8015B
680-30046-3	TE-028-SS	S	Solid	8015B
680-30046-4	TE-028-SO 10-11	S	Solid	8015B
680-30046-5	TE-027-SS	S	Solid	8015B
680-30046-6	TE-027-SO 7-8	S	Solid	8015B
680-30046-7	TE-030-SS	S	Solid	8015B
680-30046-8	TE-030-SO 11-12	S	Solid	8015B
680-30046-9	TE-032-SS	S	Solid	8015B
680-30046-10	TE-032-SO 11-12	S	Solid	8015B

Analysis Batch: 680-87223

LCS 680-87223/4	Lab Control Spike	T	Solid	8015B
LCS 680-87223/8	Lab Control Spike	T	Solid	8015B
MB 680-87223/9	Method Blank	T	Solid	8015B
680-30046-1MS	Matrix Spike	S	Solid	8015B
680-30046-1MSD	Matrix Spike Duplicate	S	Solid	8015B

Report Basis

S = Soluble

T = Total

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Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC Semi VOA					
Prep Batch: 680-85868					
LCS 680-85868/17-A	Lab Control Spike	T	Solid	3550B	
MB 680-85868/11-A	Method Blank	T	Solid	3550B	
680-30046-1	TE-029-SS	T	Solid	3550B	
680-30046-1MS	Matrix Spike	T	Solid	3550B	
680-30046-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
680-30046-2	TE-029-SO 10-11	T	Solid	3550B	
680-30046-3	TE-028-SS	T	Solid	3550B	
680-30046-4	TE-028-SO 10-11	T	Solid	3550B	
680-30046-5	TE-027-SS	T	Solid	3550B	
680-30046-6	TE-027-SO 7-8	T	Solid	3550B	
680-30046-7	TE-030-SS	T	Solid	3550B	
680-30046-8	TE-030-SO 11-12	T	Solid	3550B	
680-30046-9	TE-032-SS	T	Solid	3550B	
680-30046-10	TE-032-SO 11-12	T	Solid	3550B	
Prep Batch: 680-86175					
LCS 680-86175/2-A	Lab Control Spike	T	Solid	630.1	
MB 680-86175/1-A	Method Blank	T	Solid	630.1	
680-30046-1	TE-029-SS	T	Solid	630.1	
680-30046-2	TE-029-SO 10-11	T	Solid	630.1	
680-30046-3	TE-028-SS	T	Solid	630.1	
680-30046-3MS	Matrix Spike	T	Solid	630.1	
680-30046-3MSD	Matrix Spike Duplicate	T	Solid	630.1	
680-30046-4	TE-028-SO 10-11	T	Solid	630.1	
680-30046-5	TE-027-SS	T	Solid	630.1	
680-30046-6	TE-027-SO 7-8	T	Solid	630.1	
680-30046-7	TE-030-SS	T	Solid	630.1	
680-30046-8	TE-030-SO 11-12	T	Solid	630.1	
680-30046-9	TE-032-SS	T	Solid	630.1	
680-30046-10	TE-032-SO 11-12	T	Solid	630.1	

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC Semi VOA					
Analysis Batch:680-86212					
LCS 680-85868/17-A	Lab Control Spike	T	Solid	8015B	680-85868
MB 680-85868/11-A	Method Blank	T	Solid	8015B	680-85868
680-30046-1	TE-029-SS	T	Solid	8015B	680-85868
680-30046-1MS	Matrix Spike	T	Solid	8015B	680-85868
680-30046-1MSD	Matrix Spike Duplicate	T	Solid	8015B	680-85868
680-30046-2	TE-029-SO 10-11	T	Solid	8015B	680-85868
680-30046-3	TE-028-SS	T	Solid	8015B	680-85868
680-30046-4	TE-028-SO 10-11	T	Solid	8015B	680-85868
680-30046-5	TE-027-SS	T	Solid	8015B	680-85868
680-30046-6	TE-027-SO 7-8	T	Solid	8015B	680-85868
680-30046-7	TE-030-SS	T	Solid	8015B	680-85868
680-30046-8	TE-030-SO 11-12	T	Solid	8015B	680-85868
680-30046-9	TE-032-SS	T	Solid	8015B	680-85868
680-30046-10	TE-032-SO 11-12	T	Solid	8015B	680-85868
Analysis Batch:680-87527					
LCS 680-86175/2-A	Lab Control Spike	T	Solid	630.1	680-86175
MB 680-86175/1-A	Method Blank	T	Solid	630.1	680-86175
680-30046-1	TE-029-SS	T	Solid	630.1	680-86175
680-30046-2	TE-029-SO 10-11	T	Solid	630.1	680-86175
680-30046-3	TE-028-SS	T	Solid	630.1	680-86175
680-30046-3MS	Matrix Spike	T	Solid	630.1	680-86175
680-30046-3MSD	Matrix Spike Duplicate	T	Solid	630.1	680-86175
680-30046-4	TE-028-SO 10-11	T	Solid	630.1	680-86175
680-30046-5	TE-027-SS	T	Solid	630.1	680-86175
680-30046-6	TE-027-SO 7-8	T	Solid	630.1	680-86175
680-30046-7	TE-030-SS	T	Solid	630.1	680-86175
680-30046-8	TE-030-SO 11-12	T	Solid	630.1	680-86175
680-30046-9	TE-032-SS	T	Solid	630.1	680-86175
680-30046-10	TE-032-SO 11-12	T	Solid	630.1	680-86175

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
Metals					
Prep Batch: 680-85546					
LCS 680-85546/13-A	Lab Control Spike	T	Solid	3050B	
MB 680-85546/12-A	Method Blank	T	Solid	3050B	
680-30046-1	TE-029-SS	T	Solid	3050B	
680-30046-2	TE-029-SO 10-11	T	Solid	3050B	
680-30046-3	TE-028-SS	T	Solid	3050B	
680-30046-4	TE-028-SO 10-11	T	Solid	3050B	
680-30046-5	TE-027-SS	T	Solid	3050B	
680-30046-5MS	Matrix Spike	T	Solid	3050B	
680-30046-5MSD	Matrix Spike Duplicate	T	Solid	3050B	
680-30046-6	TE-027-SO 7-8	T	Solid	3050B	
680-30046-7	TE-030-SS	T	Solid	3050B	
680-30046-8	TE-030-SO 11-12	T	Solid	3050B	
680-30046-9	TE-032-SS	T	Solid	3050B	
680-30046-10	TE-032-SO 11-12	T	Solid	3050B	
680-30069-C-1-B MSMS	Matrix Spike	T	Solid	3050B	
Analysis Batch:680-85840					
LCS 680-85546/13-A	Lab Control Spike	T	Solid	6020	680-85546
MB 680-85546/12-A	Method Blank	T	Solid	6020	680-85546
680-30046-1	TE-029-SS	T	Solid	6020	680-85546
680-30046-2	TE-029-SO 10-11	T	Solid	6020	680-85546
680-30046-3	TE-028-SS	T	Solid	6020	680-85546
680-30046-4	TE-028-SO 10-11	T	Solid	6020	680-85546
680-30046-5	TE-027-SS	T	Solid	6020	680-85546
680-30046-5MS	Matrix Spike	T	Solid	6020	680-85546
680-30046-5MSD	Matrix Spike Duplicate	T	Solid	6020	680-85546
680-30046-6	TE-027-SO 7-8	T	Solid	6020	680-85546
680-30046-7	TE-030-SS	T	Solid	6020	680-85546
680-30046-8	TE-030-SO 11-12	T	Solid	6020	680-85546
680-30046-9	TE-032-SS	T	Solid	6020	680-85546
680-30046-10	TE-032-SO 11-12	T	Solid	6020	680-85546
680-30069-C-1-B MSMS	Matrix Spike	T	Solid	6020	680-85546

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
General Chemistry					
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	
680-30046-1	TE-029-SS	T	Solid	5050	
680-30046-2	TE-029-SO 10-11	T	Solid	5050	
680-30046-3	TE-028-SS	T	Solid	5050	
680-30046-4	TE-028-SO 10-11	T	Solid	5050	
680-30046-4DU	Duplicate	T	Solid	5050	
680-30046-5	TE-027-SS	T	Solid	5050	
680-30046-6	TE-027-SO 7-8	T	Solid	5050	
680-30046-7	TE-030-SS	T	Solid	5050	
680-30046-8	TE-030-SO 11-12	T	Solid	5050	
680-30046-9	TE-032-SS	T	Solid	5050	
680-30046-10	TE-032-SO 11-12	T	Solid	5050	
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
680-30046-1	TE-029-SS	T	Solid	9038	680-86417
680-30046-2	TE-029-SO 10-11	T	Solid	9038	680-86417
680-30046-3	TE-028-SS	T	Solid	9038	680-86417
680-30046-4	TE-028-SO 10-11	T	Solid	9038	680-86417
680-30046-4DU	Duplicate	T	Solid	9038	680-86417
680-30046-5	TE-027-SS	T	Solid	9038	680-86417
680-30046-6	TE-027-SO 7-8	T	Solid	9038	680-86417
680-30046-7	TE-030-SS	T	Solid	9038	680-86417
680-30046-8	TE-030-SO 11-12	T	Solid	9038	680-86417
680-30046-9	TE-032-SS	T	Solid	9038	680-86417
680-30046-10	TE-032-SO 11-12	T	Solid	9038	680-86417

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	BFB %Rec	DBFM %Rec	TOL %Rec
LCS 680-86086/3		84	86	92
LCS 680-86108/5		106	114	106
MB 680-86086/5		84	91	88
MB 680-86108/6		94	107	102

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

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>
680-30046-1	TE-029-SS	93	101	95
680-30046-2	TE-029-SO 10-11	96	102	100
680-30046-3	TE-028-SS	85	85	87
680-30046-4	TE-028-SO 10-11	80	88	90
680-30046-5	TE-027-SS	76	83	81
680-30046-6	TE-027-SO 7-8	79	89	85
680-30046-7	TE-030-SS	74	88	88
680-30046-8	TE-030-SO 11-12	74	82	81
680-30046-9	TE-032-SS	75	81	87
680-30046-10	TE-032-SO 11-12	74	85	88

<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: 680-30046-1

Sdg Number: FLX008

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>
680-30046-10 MS	TE-032-SO 11-12	61	59	61	63	86	71
680-30046-10 MSD	TE-032-SO 11-12	63	56	60	67	94	71
LCS 680-85866/12-B		58	57	56	59	65	69
LCS 680-87160/19-A		67	56	59	72	91	75
MB 680-85866/11-B		48	47	43	49	43	63
MB 680-87160/18-A		62	51	53	62	58	87
680-30046-1	TE-029-SS	39 X	34 X	33 X	37 X	47	47
680-30046-1 RE	TE-029-SS	43	34 X	34 X	45	46	51
680-30046-2	TE-029-SO 10-11	41	34 X	38	40 X	55	51
680-30046-3	TE-028-SS	46	46	43	46	61	57
680-30046-4	TE-028-SO 10-11	57	49	51	54	69	70
680-30046-5	TE-027-SS	56	48	50	55	73	70
680-30046-6	TE-027-SO 7-8	65	54	60	62	83	80
680-30046-7	TE-030-SS	62	54	56	62	75	75
680-30046-8	TE-030-SO 11-12	62	53	55	62	69	80
680-30046-9	TE-032-SS	65	60	59	65	73	83
680-30046-10	TE-032-SO 11-12	61	54	59	59	70	66

Surrogate

Acceptance Limits

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Surrogate Recovery Report

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

Client Matrix: Solid

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: 680-30046-1

Sdg Number: FLX008

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>
680-30046-1 MS	TE-029-SS	78
680-30046-1 MSD	TE-029-SS	94
LCS 680-85868/17-A		86
MB 680-85868/11-A		83
680-30046-1	TE-029-SS	78
680-30046-2	TE-029-SO 10-11	84
680-30046-3	TE-028-SS	84
680-30046-4	TE-028-SO 10-11	93
680-30046-5	TE-027-SS	83
680-30046-6	TE-027-SO 7-8	87
680-30046-7	TE-030-SS	89
680-30046-8	TE-030-SO 11-12	91
680-30046-9	TE-032-SS	60
680-30046-10	TE-032-SO 11-12	85

<u>Surrogate</u>	<u>Acceptance Limits</u>
OTPH o-Terphenyl	39 - 140

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-86086

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 680-86086/5

Analysis Batch: 680-86086

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq800.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/21/2007 0855

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: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-86086

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 680-86086/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 0855
Date Prepared: N/A

Analysis Batch: 680-86086
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq800.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	84	65 - 124
Dibromofluoromethane	91	65 - 124
Toluene-d8 (Surr)	88	65 - 132

Method Blank TICs- Batch: 680-86086

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon Dioxide	1.05	790	J N
	Unknown	1.58	11	J
	Unknown	1.84	5.6	J
	Unknown	2.13	5.8	J
	Unknown	2.07	6.4	J
	Unknown	1.97	6.8	J
	Unknown	2.26	8.0	J
	Unknown	1.68	8.3	J
	Unknown	2.18	8.9	J
	Unknown Alkene	7.95	41	J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Control Spike - Batch: 680-86086

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-86086/3

Analysis Batch: 680-86086

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq797.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/21/2007 0747

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	103	103	16 - 202	
Benzene	50.0	48.9	98	63 - 130	
Bromodichloromethane	50.0	47.9	96	64 - 137	
Bromoform	50.0	48.6	97	66 - 127	
Bromomethane	50.0	55.8	112	54 - 146	
Carbon disulfide	50.0	48.4	97	46 - 134	
Carbon tetrachloride	50.0	49.4	99	60 - 136	
Chlorobenzene	50.0	43.5	87	77 - 120	
Chloroethane	50.0	51.3	103	26 - 166	
Chloroform	50.0	45.1	90	68 - 127	
Chloromethane	50.0	46.8	94	46 - 137	
cis-1,2-Dichloroethene	50.0	45.3	91	58 - 143	
cis-1,3-Dichloropropene	50.0	47.4	95	66 - 137	
Cyclohexane	50.0	51.6	103	41 - 151	
Dibromochloromethane	50.0	46.3	93	70 - 126	
1,2-Dibromo-3-Chloropropane	50.0	50.0	100	62 - 140	
1,2-Dibromoethane	50.0	49.9	100	61 - 138	
1,2-Dichlorobenzene	50.0	44.3	89	75 - 123	
1,3-Dichlorobenzene	50.0	44.3	89	74 - 123	
1,4-Dichlorobenzene	50.0	43.2	86	75 - 122	
Dichlorodifluoromethane	50.0	40.8	82	17 - 163	
1,1-Dichloroethane	50.0	46.4	93	65 - 130	
1,2-Dichloroethane	50.0	50.2	100	62 - 140	
1,1-Dichloroethene	50.0	49.3	99	59 - 137	
1,2-Dichloropropane	50.0	47.5	95	66 - 135	
Ethylbenzene	50.0	44.9	90	77 - 121	
2-Hexanone	100	100	100	47 - 151	
Isopropylbenzene	50.0	44.6	89	74 - 124	
Methyl acetate	50.0	58.3	117	41 - 151	
Methylcyclohexane	50.0	49.2	98	63 - 137	
Methylene Chloride	50.0	46.6	93	65 - 126	
Methyl ethyl ketone (MEK)	100	120	120	19 - 192	
Methyl isobutyl ketone (MIBK)	100	103	103	50 - 148	
Methyl tert-butyl ether	100	96.0	96	68 - 128	
Styrene	50.0	43.6	87	75 - 123	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	65 - 130	
Tetrachloroethene	50.0	45.9	92	76 - 120	
Toluene	50.0	45.8	92	67 - 132	
trans-1,2-Dichloroethene	50.0	46.5	93	66 - 127	
trans-1,3-Dichloropropene	50.0	48.6	97	64 - 138	
1,2,4-Trichlorobenzene	50.0	45.4	91	74 - 130	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Control Spike - Batch: 680-86086

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-86086/3

Analysis Batch: 680-86086

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq797.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/21/2007 0747

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	51.2	102	56 - 140	
1,1,2-Trichloroethane	50.0	47.9	96	62 - 138	
Trichloroethene	50.0	46.3	93	68 - 133	
Trichlorofluoromethane	50.0	46.2	92	33 - 152	
1,2,4-Trimethylbenzene	50.0	45.4	91	68 - 130	
1,3,5-Trimethylbenzene	50.0	44.3	89	67 - 131	
Vinyl chloride	50.0	44.7	89	56 - 139	
Xylenes, Total	150	134	89	76 - 122	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	84		65 - 124		
Dibromofluoromethane	86		65 - 124		
Toluene-d8 (Surr)	92		65 - 132		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-86108

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 680-86108/6

Analysis Batch: 680-86108

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq795.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/21/2007 0313

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: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-86108

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 680-86108/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 0313
Date Prepared: N/A

Analysis Batch: 680-86108
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq795.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	94	65 - 124
Dibromofluoromethane	107	65 - 124
Toluene-d8 (Surr)	102	65 - 132

Method Blank TICs- Batch: 680-86108

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon Dioxide	1.05	830	J N

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Control Spike - Batch: 680-86108

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-86108/5

Analysis Batch: 680-86108

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq793.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/21/2007 0209

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	48.0	48	16 - 202	J
Benzene	50.0	56.1	112	63 - 130	
Bromodichloromethane	50.0	49.9	100	64 - 137	
Bromoform	50.0	43.0	86	66 - 127	
Bromomethane	50.0	63.2	126	54 - 146	
Carbon disulfide	50.0	50.7	101	46 - 134	
Carbon tetrachloride	50.0	54.7	109	60 - 136	
Chlorobenzene	50.0	51.7	103	77 - 120	
Chloroethane	50.0	55.4	111	26 - 166	
Chloroform	50.0	57.1	114	68 - 127	
Chloromethane	50.0	53.2	106	46 - 137	
cis-1,2-Dichloroethene	50.0	58.7	117	58 - 143	
cis-1,3-Dichloropropene	50.0	47.4	95	66 - 137	
Cyclohexane	50.0	56.1	112	41 - 151	
Dibromochloromethane	50.0	45.8	92	70 - 126	
1,2-Dibromo-3-Chloropropane	50.0	35.9	72	62 - 140	
1,2-Dibromoethane	50.0	45.8	92	61 - 138	
1,2-Dichlorobenzene	50.0	52.8	106	75 - 123	
1,3-Dichlorobenzene	50.0	53.7	107	74 - 123	
1,4-Dichlorobenzene	50.0	55.6	111	75 - 122	
Dichlorodifluoromethane	50.0	59.4	119	17 - 163	
1,1-Dichloroethane	50.0	55.2	110	65 - 130	
1,2-Dichloroethane	50.0	54.4	109	62 - 140	
1,1-Dichloroethene	50.0	50.8	102	59 - 137	
1,2-Dichloropropane	50.0	52.8	106	66 - 135	
Ethylbenzene	50.0	52.5	105	77 - 121	
2-Hexanone	100	71.7	72	47 - 151	
Isopropylbenzene	50.0	51.8	104	74 - 124	
Methyl acetate	50.0	48.6	97	41 - 151	
Methylcyclohexane	50.0	56.3	113	63 - 137	
Methylene Chloride	50.0	58.0	116	65 - 126	
Methyl ethyl ketone (MEK)	100	76.6	77	19 - 192	
Methyl isobutyl ketone (MIBK)	100	75.4	75	50 - 148	
Methyl tert-butyl ether	100	94.3	94	68 - 128	
Styrene	50.0	49.8	100	75 - 123	
1,1,2,2-Tetrachloroethane	50.0	44.5	89	65 - 130	
Tetrachloroethene	50.0	54.8	110	76 - 120	
Toluene	50.0	53.1	106	67 - 132	
trans-1,2-Dichloroethene	50.0	50.0	100	66 - 127	
trans-1,3-Dichloropropene	50.0	46.3	93	64 - 138	
1,2,4-Trichlorobenzene	50.0	55.5	111	74 - 130	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Control Spike - Batch: 680-86108

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 680-86108/5

Analysis Batch: 680-86108

Instrument ID: GC/MS Volatiles - L

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: lq793.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 g

Date Analyzed: 09/21/2007 0209

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	54.2	108	56 - 140	
1,1,2-Trichloroethane	50.0	49.1	98	62 - 138	
Trichloroethene	50.0	54.1	108	68 - 133	
Trichlorofluoromethane	50.0	55.5	111	33 - 152	
1,2,4-Trimethylbenzene	50.0	53.5	107	68 - 130	
1,3,5-Trimethylbenzene	50.0	49.6	99	67 - 131	
Vinyl chloride	50.0	54.1	108	56 - 139	
Xylenes, Total	150	157	105	76 - 122	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	106		65 - 124		
Dibromofluoromethane	114		65 - 124		
Toluene-d8 (Surr)	106		65 - 132		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-85866

Method: 8270C

Preparation: 3550B

Lab Sample ID: MB 680-85866/11-B

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/21/2007 1313

Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86205

Prep Batch: 680-85866

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3534a.d

Initial Weight/Volume: 30.11 g

Final Weight/Volume: 1 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
Benidine	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: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-85866

Method: 8270C

Preparation: 3550B

Lab Sample ID: MB 680-85866/11-B

Analysis Batch: 680-86205

Instrument ID: GC/MS SemiVolatiles - T

Client Matrix: Solid

Prep Batch: 680-85866

Lab File ID: t3534a.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 30.11 g

Date Analyzed: 09/21/2007 1313

Final Weight/Volume: 1 mL

Date Prepared: 09/20/2007 1000

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	47	44 - 110
2-Fluorophenol	48	41 - 110
Nitrobenzene-d5	43	36 - 110
Phenol-d5	49	43 - 110
Terphenyl-d14	63	10 - 112
2,4,6-Tribromophenol	43	36 - 128

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank TICs- Batch: 680-85866

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	3.05	7300	A J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Control Spike - Batch: 680-85866

Method: 8270C

Preparation: 3550B

Lab Sample ID: LCS 680-85866/12-B

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/21/2007 1419

Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86205

Prep Batch: 680-85866

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3537a.d

Initial Weight/Volume: 30.04 g

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	1670	50	44 - 110	
Acenaphthylene	3330	1820	55	49 - 110	
Acetophenone	3330	758	23	40 - 110	*
Aniline	3330	1140	34	10 - 110	
Anthracene	3330	1890	57	52 - 110	
Atrazine	3330	2130	64	53 - 121	
Benzaldehyde	3330	471	14	10 - 110	
Benzidine	3330	2010	60	10 - 110	J
Benzo[a]anthracene	3330	2060	62	53 - 113	
Benzo[a]pyrene	3330	2130	64	51 - 115	
Benzo[b]fluoranthene	3330	2030	61	45 - 119	
Benzo[g,h,i]perylene	3330	2030	61	49 - 116	
Benzo[k]fluoranthene	3330	1850	55	50 - 115	
1,1'-Biphenyl	3330	1720	52	47 - 110	
Bis(2-chloroethoxy)methane	3330	1890	57	46 - 110	
Bis(2-chloroethyl)ether	3330	1630	49	39 - 110	
Bis(2-ethylhexyl) phthalate	3330	2390	72	51 - 120	
4-Bromophenyl phenyl ether	3330	1770	53	43 - 110	
Butyl benzyl phthalate	3330	2400	72	54 - 124	
Caprolactam	3330	2140	64	44 - 124	
Carbazole	3330	1980	59	49 - 112	
4-Chloroaniline	3330	1400	42	21 - 110	
4-Chloro-3-methylphenol	3330	1950	59	46 - 110	
2-Chloronaphthalene	3330	1730	52	46 - 110	
2-Chlorophenol	3330	1810	54	44 - 110	
4-Chlorophenyl phenyl ether	3330	1820	55	47 - 110	
Chrysene	3330	2070	62	54 - 115	
Dibenz(a,h)anthracene	3330	2140	64	50 - 115	
Dibenzofuran	3330	1750	53	48 - 110	
3,3'-Dichlorobenzidine	3330	1740	52	27 - 110	
2,4-Dichlorophenol	3330	1810	54	46 - 110	
Diethyl phthalate	3330	1970	59	47 - 110	
2,4-Dimethylphenol	3330	1860	56	44 - 110	
Dimethyl phthalate	3330	1890	57	48 - 110	
Di-n-butyl phthalate	3330	2140	64	49 - 115	
4,6-Dinitro-2-methylphenol	3330	1990	60	10 - 126	
2,4-Dinitrophenol	3330	1110	33	10 - 119	J
2,4-Dinitrotoluene	3330	2080	62	46 - 116	
2,6-Dinitrotoluene	3330	1970	59	45 - 118	
Di-n-octyl phthalate	3330	1910	57	49 - 122	
1,4-Dioxane	3330	698	21	10 - 110	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Lab Control Spike - Batch: 680-85866

Method: 8270C

Preparation: 3550B

Lab Sample ID: LCS 680-85866/12-B

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/21/2007 1419

Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86205

Prep Batch: 680-85866

Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3537a.d

Initial Weight/Volume: 30.04 g

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	3330	1990	60	48 - 116	
Fluorene	3330	1810	54	48 - 110	
Hexachlorobenzene	3330	1970	59	50 - 110	
Hexachlorobutadiene	3330	1780	53	44 - 110	
Hexachlorocyclopentadiene	3330	724	22	26 - 110	*
Hexachloroethane	3330	1610	48	36 - 110	
Indeno[1,2,3-cd]pyrene	3330	2060	62	45 - 128	
Isophorone	3330	1800	54	44 - 110	
Mercaptobenzothiazole	3330	1560	47	70 - 130	U *
2-Methylnaphthalene	3330	1750	53	45 - 110	
2-Methylphenol	3330	1760	53	44 - 110	
3 & 4 Methylphenol	3330	1740	52	43 - 110	
Naphthalene	3330	1680	50	44 - 110	
2-Nitroaniline	3330	1990	60	42 - 110	
3-Nitroaniline	3330	1660	50	30 - 110	J
4-Nitroaniline	3330	1760	53	32 - 117	
Nitrobenzene	3330	1720	52	41 - 110	
2-Nitrophenol	3330	1710	51	38 - 110	
4-Nitrophenol	3330	1940	58	30 - 119	
N-Nitrosodimethylamine	3330	1540	46	26 - 110	
N-Nitrosodi-n-propylamine	3330	1750	52	41 - 110	
N-Nitrosodiphenylamine	3330	2150	65	53 - 110	
2,2'-oxybis[1-chloropropane]	3330	1630	49	31 - 110	
Pentachlorophenol	3330	1820	55	28 - 117	
Phenanthrene	3330	1910	57	51 - 110	
Phenol	3330	1790	54	41 - 110	
Pyrene	3330	2150	65	54 - 112	
2,4,5-Trichlorophenol	3330	1870	56	48 - 110	
2,4,6-Trichlorophenol	3330	1790	54	46 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	57	44 - 110
2-Fluorophenol	58	41 - 110
Nitrobenzene-d5	56	36 - 110
Phenol-d5	59	43 - 110
Terphenyl-d14	69	10 - 112
2,4,6-Tribromophenol	65	36 - 128

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85866

Method: 8270C

Preparation: 3550B

MS Lab Sample ID: 680-30046-10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/30/2007 1811
Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86925
Prep Batch: 680-85866

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3613.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 680-30046-10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/30/2007 1833
Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86925
Prep Batch: 680-85866

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3614.d
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acenaphthene	62	65	44 - 110	5	50		
Acenaphthylene	63	64	49 - 110	1	50		
Acetophenone	28	28	40 - 110	0	50	F	F
Aniline	37	38	10 - 110	1	50		
Anthracene	69	73	52 - 110	5	50		
Atrazine	84	88	53 - 121	5	50		
Benzaldehyde	21	23	10 - 110	7	50		
Benzidine	29	15	10 - 110	NC	50	J	U
Benzo[a]anthracene	77	80	53 - 113	3	50		
Benzo[a]pyrene	69	74	51 - 115	7	50		
Benzo[b]fluoranthene	71	72	45 - 119	1	50		
Benzo[g,h,i]perylene	72	77	49 - 116	7	50		
Benzo[k]fluoranthene	65	66	50 - 115	2	50		
1,1'-Biphenyl	54	56	47 - 110	3	50		
Bis(2-chloroethoxy)methane	62	63	46 - 110	1	50		
Bis(2-chloroethyl)ether	55	57	39 - 110	3	50		
Bis(2-ethylhexyl) phthalate	69	69	51 - 120	1	50		
4-Bromophenyl phenyl ether	54	55	43 - 110	3	50		
Butyl benzyl phthalate	82	83	54 - 124	1	50		
Caprolactam	69	68	44 - 124	2	50		
Carbazole	80	82	49 - 112	1	50		
4-Chloroaniline	57	56	21 - 110	1	50		
4-Chloro-3-methylphenol	67	70	46 - 110	4	50		
2-Chloronaphthalene	66	66	46 - 110	1	50		
2-Chlorophenol	58	61	44 - 110	5	50		
4-Chlorophenyl phenyl ether	66	72	47 - 110	8	50		
Chrysene	77	77	54 - 115	1	50		
Dibenz(a,h)anthracene	67	77	50 - 115	13	50		
Dibenzofuran	65	68	48 - 110	3	50		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85866

Method: 8270C

Preparation: 3550B

MS Lab Sample ID: 680-30046-10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/30/2007 1811
Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86925
Prep Batch: 680-85866

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3613.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 680-30046-10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/30/2007 1833
Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86925
Prep Batch: 680-85866

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3614.d
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
3,3'-Dichlorobenzidine	89	89	27 - 110	1	50		
2,4-Dichlorophenol	63	65	46 - 110	2	50		
Diethyl phthalate	69	75	47 - 110	9	50		
2,4-Dimethylphenol	64	64	44 - 110	0	50		
Dimethyl phthalate	70	72	48 - 110	4	50		
Di-n-butyl phthalate	64	69	49 - 115	7	50		
4,6-Dinitro-2-methylphenol	67	77	10 - 126	13	50		
2,4-Dinitrophenol	50	68	10 - 119	31	50	J	
2,4-Dinitrotoluene	71	79	46 - 116	10	50		
2,6-Dinitrotoluene	70	73	45 - 118	4	50		
Di-n-octyl phthalate	74	70	49 - 122	7	50		
1,4-Dioxane	21	21	10 - 110	3	50		
Fluoranthene	87	85	48 - 116	3	50		
Fluorene	66	71	48 - 110	7	50		
Hexachlorobenzene	72	76	50 - 110	6	50		
Hexachlorobutadiene	60	63	44 - 110	4	50		
Hexachlorocyclopentadiene	11	9	26 - 110	21	50	F	J F
Hexachloroethane	49	52	36 - 110	6	50		
Indeno[1,2,3-cd]pyrene	72	74	45 - 128	3	50		
Isophorone	61	62	44 - 110	0	50		
Mercaptobenzothiazole	21	24	70 - 130	NC	50	U F	U F
2-Methylnaphthalene	59	61	45 - 110	2	50		
2-Methylphenol	59	61	44 - 110	4	50		
3 & 4 Methylphenol	57	64	43 - 110	11	50		
Naphthalene	57	59	44 - 110	2	50		
2-Nitroaniline	68	73	42 - 110	7	50		
3-Nitroaniline	70	74	30 - 110	5	50		
4-Nitroaniline	80	86	32 - 117	7	50		
Nitrobenzene	59	58	41 - 110	2	50		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85866

Method: 8270C

Preparation: 3550B

MS Lab Sample ID: 680-30046-10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/30/2007 1811
Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86925
Prep Batch: 680-85866

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3613.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 680-30046-10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/30/2007 1833
Date Prepared: 09/20/2007 1000

Analysis Batch: 680-86925
Prep Batch: 680-85866

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3614.d
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2-Nitrophenol	57	61	38 - 110	8	50		
4-Nitrophenol	77	83	30 - 119	8	50		
N-Nitrosodimethylamine	62	62	26 - 110	0	50		
N-Nitrosodi-n-propylamine	57	61	41 - 110	7	50		
N-Nitrosodiphenylamine	71	74	53 - 110	5	50		
2,2'-oxybis[1-chloropropane]	63	65	31 - 110	3	50		
Pentachlorophenol	82	83	28 - 117	1	50		
Phenanthrene	69	72	51 - 110	5	50		
Phenol	60	63	41 - 110	5	50		
Pyrene	72	79	54 - 112	9	50		
2,4,5-Trichlorophenol	74	76	48 - 110	3	50		
2,4,6-Trichlorophenol	61	63	46 - 110	3	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	59	56	44 - 110
2-Fluorophenol	61	63	41 - 110
Nitrobenzene-d5	61	60	36 - 110
Phenol-d5	63	67	43 - 110
Terphenyl-d14	71	71	10 - 112
2,4,6-Tribromophenol	86	94	36 - 128

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

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: 680-30046-1

Sdg Number: FLX008

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: 680-30046-1

Sdg Number: FLX008

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: 680-30046-1

Sdg Number: FLX008

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: 680-30046-1

Sdg Number: FLX008

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: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-87180

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-87180/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 2126
Date Prepared: N/A

Analysis Batch: 680-87180
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G29.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 3 uL
Column ID: PRIMARY

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

Lab Control Spike - Batch: 680-87180

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87180/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 2007
Date Prepared: N/A

Analysis Batch: 680-87180
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G26.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	40.0	100	50 - 150	
Dimethylamine	40.0	34.0	85	50 - 150	

Lab Control Spike - Batch: 680-87180

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87180/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 2055
Date Prepared: N/A

Analysis Batch: 680-87180
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G28.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 3 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibenzylamine	40.0	37.7	94	50 - 150	
Dibutyl amine	40.0	43.0	107	50 - 150	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-87223

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-87223/9
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1030
Date Prepared: N/A

Analysis Batch: 680-87223
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
Dibenzylamine	5.0	U	5.0	5.0
Diethylamine	5.0	U	5.0	5.0
Dimethylamine	5.0	U	5.0	5.0
Dibutyl amine	5.0	U	5.0	5.0

Lab Control Spike - Batch: 680-87223

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87223/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 0812
Date Prepared: N/A

Analysis Batch: 680-87223
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: 680-87223

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87223/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 0931
Date Prepared: N/A

Analysis Batch: 680-87223
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: 3 uL
Column ID: PRIMARY

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

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-87223**

**Method: 8015B
Preparation: N/A**

MS Lab Sample ID: 680-30046-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1347
Date Prepared: N/A
Date Leached: 09/18/2007 0700
Analysis Batch: 680-87223
Prep Batch: N/A
Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G13.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 3 uL
Column ID: PRIMARY

MSD Lab Sample ID: 680-30046-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1417
Date Prepared: N/A
Date Leached: 09/18/2007 0700
Analysis Batch: 680-87223
Prep Batch: N/A
Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G14.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	89	85	50 - 150	4	50		
Dimethylamine	76	77	50 - 150	1	50		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-87223**

**Method: 8015B
Preparation: N/A**

MS Lab Sample ID: 680-30046-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1750
Date Prepared: N/A
Date Leached: 09/18/2007 0700
Analysis Batch: 680-87223
Prep Batch: N/A
Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G21.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 3 uL
Column ID: PRIMARY

MSD Lab Sample ID: 680-30046-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1821
Date Prepared: N/A
Date Leached: 09/18/2007 0700
Analysis Batch: 680-87223
Prep Batch: N/A
Leachate Batch: 680-86702

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP18G22.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					
Dibenzylamine	83	80	50 - 150	4	50		
Dibutyl amine	129	129	50 - 150	0	50		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-86175

Method: 630.1

Preparation: 630.1

Lab Sample ID: MB 680-86175/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/04/2007 1655
Date Prepared: 09/21/2007 1005

Analysis Batch: 680-87527
Prep Batch: 680-86175
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: 680-86175

Method: 630.1

Preparation: 630.1

Lab Sample ID: LCS 680-86175/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/04/2007 1717
Date Prepared: 09/21/2007 1005

Analysis Batch: 680-87527
Prep Batch: 680-86175
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	60.1	60	70 - 130	*

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-86175

Method: 630.1

Preparation: 630.1

MS Lab Sample ID: 680-30046-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/04/2007 2127
Date Prepared: 09/21/2007 1005

Analysis Batch: 680-87527
Prep Batch: 680-86175

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

MSD Lab Sample ID: 680-30046-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/04/2007 2150
Date Prepared: 09/21/2007 1005

Analysis Batch: 680-87527
Prep Batch: 680-86175

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.04 g
Final Weight/Volume: 25.00 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dithiocarbamates, Total	84	78	70 - 130	7	30		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-85868

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-85868/11-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2007 2345
Date Prepared: 09/20/2007 1425

Analysis Batch: 680-86212
Prep Batch: 680-85868
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qi190342.d
Initial Weight/Volume: 30.00 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	83		39 - 140	

Lab Control Spike - Batch: 680-85868

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-85868/17-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/23/2007 0011
Date Prepared: 09/20/2007 1425

Analysis Batch: 680-86212
Prep Batch: 680-85868
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qi190344.d
Initial Weight/Volume: 30.02 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)	66.6	70.3	105	40 - 140	
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	86		39 - 140		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85868

Method: 8015B

Preparation: 3550B

MS Lab Sample ID: 680-30046-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/23/2007 0336
 Date Prepared: 09/20/2007 1425

Analysis Batch: 680-86212
 Prep Batch: 680-85868

Instrument ID: GC SemiVolatiles - Q
 Lab File ID: qi190360.d
 Initial Weight/Volume: 30.11 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

MSD Lab Sample ID: 680-30046-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 09/23/2007 0348
 Date Prepared: 09/20/2007 1425

Analysis Batch: 680-86212
 Prep Batch: 680-85868

Instrument ID: GC SemiVolatiles - Q
 Lab File ID: qi190361.d
 Initial Weight/Volume: 30.04 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)	139	226	40 - 140	28	40		F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
o-Terphenyl	78		94	39 - 140			

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Method Blank - Batch: 680-85546

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 680-85546/12-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1335
Date Prepared: 09/17/2007 0953

Analysis Batch: 680-85840
Prep Batch: 680-85546
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	50	U	15	50
Nickel	0.20	U	0.036	0.20
Zinc	4.0	U	0.64	4.0

Lab Control Spike - Batch: 680-85546

Method: 6020
Preparation: 3050B

Lab Sample ID: LCS 680-85546/13-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2007 1342
Date Prepared: 09/17/2007 0953

Analysis Batch: 680-85840
Prep Batch: 680-85546
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	515	103	75 - 125	
Nickel	10.0	10.5	105	75 - 125	
Zinc	10.0	9.72	97	75 - 125	

Matrix Spike - Batch: 680-85546

Method: 6020
Preparation: 3050B

Lab Sample ID: 680-30069-C-1-B MS
Client Matrix: Solid
Dilution: 2.0
Date Analyzed: 09/18/2007 1553
Date Prepared: 09/17/2007 0953

Analysis Batch: 680-85840
Prep Batch: 680-85546
Units: mg/Kg

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 1.18 g
Final Weight/Volume: 1000 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	31 J	424	490	108	75 - 125	
Nickel	1.3	8.47	10.9	114	75 - 125	
Zinc	87	8.47	137	592	75 - 125	4

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-85546

Method: 6020

Preparation: 3050B

MS Lab Sample ID: 680-30046-5
Client Matrix: Solid
Dilution: 2.0
Date Analyzed: 09/18/2007 1437
Date Prepared: 09/17/2007 0953

Analysis Batch: 680-85840
Prep Batch: 680-85546

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

MSD Lab Sample ID: 680-30046-5
Client Matrix: Solid
Dilution: 2.0
Date Analyzed: 09/18/2007 1458
Date Prepared: 09/17/2007 0953

Analysis Batch: 680-85840
Prep Batch: 680-85546

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	97	90	75 - 125	3	20		
Nickel	111	84	75 - 125	5	20	4	4
Zinc	941	4600	75 - 125	100	20	4	4

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30046-1

Sdg Number: FLX008

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: 680-30046-4
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: .5440 g
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Sulfur	200 U	8.27	NC	30	U

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

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL®

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

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE TEXSYS-7C		PROJECT NO. 43386075		PROJECT LOCATION (STATE) ITALY		MATRIX TYPE		REQUIRED ANALYSIS				PAGE _____ OF _____	
STL (LAB) PROJECT MANAGER BEAUCHAMP		P.O. NUMBER		CONTRACT NO.								STANDARD REPORT DELIVERY <input type="radio"/>	
CLIENT (SITE) PM MARTINO ROUSDA		CLIENT PHONE +33 340 2255815		CLIENT FAX								DATE DUE <input type="radio"/>	
CLIENT NAME		CLIENT E-MAIL martino.rousda@azsco.it										EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>	
CLIENT ADDRESS URS												DATE DUE _____	
COMPANY CONTRACTING THIS WORK (if applicable) URS												NUMBER OF COOLERS SUBMITTED PER SHIPMENT: _____	
SAMPLE		SAMPLE IDENTIFICATION		COMPOSITE (C) OR GRAB (G) INDICATE		AQUEOUS (WATER)		SOLID OR SEMISOLID		AIR		NONAQUEOUS LIQUID (OIL, SOLVENT,...)	
DATE	TIME												
07-09-07	9:10	T6-029-SS				<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
07-09-07	9:10	T5-029-50 10-11				<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
07-09-07	10:20	T5-028-SS				<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
07-09-07	10:45	T5-028-50 10-11				<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
07-09-07	11:45	T5-027-SS				<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
07-09-07	12:20	T5-027-50 7-8				<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
RELINQUISHED BY: (SIGNATURE)		DATE		TIME		RELINQUISHED BY: (SIGNATURE)		DATE		TIME		RELINQUISHED BY: (SIGNATURE)	
RECEIVED BY: (SIGNATURE)		DATE		TIME		RECEIVED BY: (SIGNATURE)		DATE		TIME		RECEIVED BY: (SIGNATURE)	
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE		TIME		CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>		CUSTODY SEAL NO.		STL SAVANNAH LOG NO.		LABORATORY REMARKS	
KL		9/13/07		1042						680-30046			

Phone:
Fax:

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Login Sample Receipt Check List

Client: Solutia Inc.

Job Number: 680-30046-1

SDG Number: FLX008

Login Number: 30046

List Source: TestAmerica Savannah

Creator: Conner, Keaton

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Ice excluded due to int'l shipping constraints.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2 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	