

ANALYTICAL REPORT

Job Number: 680-30446-1

SDG Number: FLX014

Job Description: Flexys Termoli IT GW 9/21/07

For:

Solutia Inc.

575 Maryville Centre Dr.

Saint Louis, MO 63141

Attention: Mr. Bruce Yare



Lidya Gulizia

Project Manager I

lidya.gulizia@testamericainc.com

10/29/2007

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Job Narrative
680-J30446-1 / SDG No. FLX014 (Termoli Italy)

Receipt

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

Except as noted below, all samples were received intact and in good condition. Samples for select parameters were subsampled and preserved in accordance with the method requirements following receipt at the laboratory. All volatile samples were received preserved in hydrochloric acid.

One amber glass container for semivolatiles analysis was received broken for TE-020-GW (680-30446-1).

GC/MS VOA

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

No analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: 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 86620 had two 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 the following sample was outside control limits: TE-020-GW (680-30446-1). Re-extraction was performed with concurring results. Both sets of data have been reported.

Method(s) 8270C: The following samples were diluted due to the abundance of target analytes: TE-017-GW (680-30446-4), TE-019-GW (680-30446-2). Elevated reporting limits (RLs) are provided.

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 87340 had two analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

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

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

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

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

General Chemistry

Method(s) 9034: Insufficient sample volume was provided to perform batch matrix spike/matrix spike duplicate (MS/MSD) and dup for batch 86616.

No other analytical or quality issues were noted.

Comments

No additional comments.

METHOD SUMMARY

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Description		Lab Location	Method	Preparation Method
Matrix	Water			
Volatile Organic Compounds by GC/MS		TAL SAV	SW846 8260B	
Purge-and-Trap		TAL SAV		SW846 5030B
Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)		TAL SAV	SW846 8015B	
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)		TAL SAV	SW846 8270C	
Continuous Liquid-Liquid Extraction		TAL SAV		SW846 3520C
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	
Continuous Liquid-Liquid Extraction		TAL SAV		SW846 3520C
Inductively Coupled Plasma - Mass Spectrometry		TAL SAV	SW846 6020	
Acid Digestion of Waters for Total Recoverable or		TAL SAV		SW846 3005A
Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides		TAL SAV	SW846 9034	
Sulfate (Turbidimetric)		TAL SAV	SW846 9038	

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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: 680-30446-1

Sdg Number: FLX014

Method	Analyst	Analyst ID
SW846 8260B	Graham, Demetri	DG
SW846 8260B	Smith, Carion	CS
SW846 8270C	Johnson, Brad	BJ
SW846 8270C	Loomis, Eric	EL
SW846 8015B	Young, Myron	MY
EPA 630.1	Waldorf, Jonathan	JW
SW846 8015B	Kellar, Joshua	JK
SW846 6020	Boyuk, Brian	BB
SW846 9034	Vasquez, Juana	JV
SW846 9038	Ross, Jon	JR

SAMPLE SUMMARY

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-30446-1	TE-020-GW	Water	09/21/2007 1530	09/26/2007 1150
680-30446-2	TE-019-GW	Water	09/21/2007 1600	09/26/2007 1150
680-30446-3	TE-018-GW	Water	09/21/2007 1400	09/26/2007 1150
680-30446-4	TE-017-GW	Water	09/21/2007 1430	09/26/2007 1150
680-30446-5TB	TE-TB03	Water	09/21/2007 1445	09/26/2007 1150

SAMPLE RESULTS

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-020-GW
Lab Sample ID: 680-30446-1

Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 0859		
Prep Method: 5030B			Date Prepared:	10/02/2007 0859		
Acetone	6.1	J	ug/L	5.0	25	1.0
Benzene	1.0	U	ug/L	0.32	1.0	1.0
Bromodichloromethane	1.0	U	ug/L	0.34	1.0	1.0
Bromoform	1.0	U	ug/L	0.41	1.0	1.0
Bromomethane	9.7		ug/L	0.50	1.0	1.0
Carbon disulfide	89		ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	1.0	U	ug/L	0.34	1.0	1.0
Chloroethane	1.0	U	ug/L	1.0	1.0	1.0
Chloroform	1.0	U	ug/L	0.29	1.0	1.0
Chloromethane	1.0	U	ug/L	0.28	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	ug/L	0.33	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	ug/L	0.37	1.0	1.0
Cyclohexane	1.0	U	ug/L	1.0	1.0	1.0
Dibromochloromethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	ug/L	0.48	1.0	1.0
1,2-Dibromoethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
1,3-Dichlorobenzene	1.0	U	ug/L	0.31	1.0	1.0
1,4-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
Dichlorodifluoromethane	1.0	U	ug/L	0.33	1.0	1.0
1,1-Dichloroethane	0.49	J	ug/L	0.32	1.0	1.0
1,2-Dichloroethane	1.0	U	ug/L	0.31	1.0	1.0
1,1-Dichloroethene	1.0	U	ug/L	0.36	1.0	1.0
1,2-Dichloropropane	1.0	U	ug/L	0.36	1.0	1.0
Ethylbenzene	1.0	U	ug/L	0.30	1.0	1.0
2-Hexanone	10	U	ug/L	0.68	10	1.0
Isopropylbenzene	1.0	U	ug/L	0.27	1.0	1.0
Methyl acetate	1.0	U	ug/L	0.42	1.0	1.0
Methylcyclohexane	1.0	U	ug/L	0.25	1.0	1.0
Methylene Chloride	5.0	U	ug/L	1.0	5.0	1.0
Methyl ethyl ketone (MEK)	1.7	J	ug/L	0.60	10	1.0
Methyl isobutyl ketone (MIBK)	10	U	ug/L	0.60	10	1.0
Methyl tert-butyl ether	10	U	ug/L	0.58	10	1.0
Styrene	1.0	U	ug/L	0.36	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	ug/L	0.26	1.0	1.0
Tetrachloroethene	1.6		ug/L	0.28	1.0	1.0
Toluene	8.1		ug/L	0.31	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	ug/L	0.30	1.0	1.0

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Client Sample ID: TE-020-GW
Lab Sample ID: 680-30446-1

Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	1.0	U	ug/L	0.27	1.0	1.0
1,2,4-Trichlorobenzene	1.0	U	ug/L	0.35	1.0	1.0
1,1,1-Trichloroethane	1.0	U	ug/L	0.39	1.0	1.0
1,1,2-Trichloroethane	1.0	U	ug/L	0.51	1.0	1.0
Trichloroethene	1.0	U	ug/L	0.40	1.0	1.0
Trichlorofluoromethane	1.0	U	ug/L	0.29	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	ug/L	0.35	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	ug/L	0.27	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	ug/L	0.28	1.0	1.0
Vinyl chloride	1.0	U	ug/L	0.20	1.0	1.0
Xylenes, Total	2.0	U	ug/L	0.87	2.0	1.0

Surrogate	Acceptance Limits				
4-Bromofluorobenzene	93	%		75 - 120	
Dibromofluoromethane	98	%		75 - 121	
Toluene-d8 (Surr)	89	%		75 - 120	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	150	B J N	ug/L	124-38-9	0.89	1.0
Sulfur dioxide	1600	J N	ug/L	7446-09-5	1.01	1.0
Unknown Alkane	5.7	J	ug/L		1.91	1.0
Unknown Alkane	8.0	J	ug/L		2.07	1.0
Unknown Alkane	6.6	J	ug/L		2.66	1.0

Method: 8270C

Date Analyzed: 10/01/2007 1814

Prep Method: 3520C

Date Prepared: 09/27/2007 1202

Acenaphthene	20	U	ug/L	1.0	20	1.0
Acenaphthylene	20	U	ug/L	1.0	20	1.0
Acetophenone	20	U *	ug/L	1.0	20	1.0
Aniline	40	U	ug/L	17	40	1.0
Anthracene	20	U	ug/L	1.0	20	1.0
Atrazine	20	U	ug/L	8.0	20	1.0
Benzaldehyde	20	U	ug/L	2.6	20	1.0
Benzidine	160	U	ug/L	8.2	160	1.0
Benzo[a]anthracene	20	U	ug/L	1.0	20	1.0
Benzo[a]pyrene	20	U	ug/L	1.0	20	1.0
Benzo[b]fluoranthene	20	U	ug/L	1.3	20	1.0
Benzo[g,h,i]perylene	20	U	ug/L	1.3	20	1.0
Benzo[k]fluoranthene	20	U	ug/L	1.0	20	1.0
Benzyl alcohol	20	U	ug/L	1.6	20	1.0
1,1'-Biphenyl	20	U	ug/L	1.0	20	1.0
Bis(2-chloroethoxy)methane	20	U	ug/L	1.0	20	1.0

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Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-chloroethyl)ether	20	U	ug/L	1.2	20	1.0
Bis(2-ethylhexyl) phthalate	20	U	ug/L	1.9	20	1.0
4-Bromophenyl phenyl ether	20	U	ug/L	1.0	20	1.0
Butyl benzyl phthalate	20	U	ug/L	1.5	20	1.0
Caprolactam	20	U	ug/L	10	20	1.0
4-Chloroaniline	40	U	ug/L	9.6	40	1.0
4-Chloro-3-methylphenol	20	U	ug/L	1.0	20	1.0
2-Chloronaphthalene	20	U	ug/L	1.0	20	1.0
2-Chlorophenol	20	U	ug/L	2.0	20	1.0
4-Chlorophenyl phenyl ether	20	U	ug/L	2.0	20	1.0
Chrysene	20	U	ug/L	1.0	20	1.0
Dibenz(a,h)anthracene	20	U	ug/L	1.0	20	1.0
Dibenzofuran	20	U	ug/L	1.0	20	1.0
3,3'-Dichlorobenzidine	40	U	ug/L	6.4	40	1.0
2,4-Dichlorophenol	20	U	ug/L	2.0	20	1.0
Diethyl phthalate	20	U	ug/L	1.0	20	1.0
2,4-Dimethylphenol	20	U	ug/L	2.2	20	1.0
Dimethyl phthalate	20	U	ug/L	10	20	1.0
Di-n-butyl phthalate	20	U	ug/L	1.0	20	1.0
4,6-Dinitro-2-methylphenol	100	U	ug/L	10	100	1.0
2,4-Dinitrophenol	100	U	ug/L	20	100	1.0
2,4-Dinitrotoluene	20	U	ug/L	1.0	20	1.0
2,6-Dinitrotoluene	20	U	ug/L	1.0	20	1.0
Di-n-octyl phthalate	20	U	ug/L	1.5	20	1.0
1,4-Dioxane	20	U	ug/L	5.2	20	1.0
Fluoranthene	20	U	ug/L	1.0	20	1.0
Fluorene	20	U	ug/L	1.0	20	1.0
Hexachlorobenzene	20	U	ug/L	1.0	20	1.0
Hexachlorobutadiene	20	U	ug/L	10	20	1.0
Hexachlorocyclopentadiene	20	U	ug/L	10	20	1.0
Hexachloroethane	20	U	ug/L	1.0	20	1.0
Indeno[1,2,3-cd]pyrene	20	U	ug/L	1.7	20	1.0
Isophorone	20	U	ug/L	1.0	20	1.0
Mercaptobenzothiazole	100	U *	ug/L	100	100	1.0
2-Methylnaphthalene	20	U	ug/L	1.0	20	1.0
2-Methylphenol	20	U	ug/L	1.3	20	1.0
3 & 4 Methylphenol	20	U	ug/L	2.0	20	1.0
Naphthalene	20	U	ug/L	1.0	20	1.0
2-Nitroaniline	100	U	ug/L	10	100	1.0
3-Nitroaniline	100	U	ug/L	5.6	100	1.0
4-Nitroaniline	100	U	ug/L	4.0	100	1.0

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Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-020-GW
Lab Sample ID: 680-30446-1

Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Nitrobenzene	20	U	ug/L	1.0	20	1.0
2-Nitrophenol	20	U	ug/L	10	20	1.0
4-Nitrophenol	100	U	ug/L	20	100	1.0
N-Nitrosodimethylamine	20	U	ug/L	2.4	20	1.0
N-Nitrosodi-n-propylamine	20	U	ug/L	1.0	20	1.0
N-Nitrosodiphenylamine	20	U	ug/L	1.5	20	1.0
2,2'-oxybis[1-chloropropane]	20	U	ug/L	1.0	20	1.0
Pentachlorophenol	100	U	ug/L	10	100	1.0
Phenanthrene	20	U	ug/L	1.0	20	1.0
Phenol	20	U	ug/L	1.0	20	1.0
Pyrene	20	U	ug/L	1.0	20	1.0
2,4,5-Trichlorophenol	20	U	ug/L	1.6	20	1.0
2,4,6-Trichlorophenol	20	U	ug/L	1.0	20	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	54		%		50 - 113	
2-Fluorophenol	3	X	%		36 - 110	
Nitrobenzene-d5	69		%		45 - 112	
Phenol-d5	4	X	%		38 - 116	
Terphenyl-d14	78		%		10 - 121	
2,4,6-Tribromophenol	22	X	%		40 - 139	
Tentatively Identified Compounds				Cas Number	RT	
3-Hydroxy-3-methyl-2-butanone	9.8	J N	ug/L	115-22-0	2.37	1.0
Unknown Ketone	19	J	ug/L		2.94	1.0
Unknown Ketone	27	J	ug/L		3.19	1.0
1,2-Benzisothiazole	8.1	J N	ug/L	272-16-2	5.90	1.0
1,2,3-Benzothiadiazole	25	J N	ug/L	273-77-8	6.05	1.0
2(3H)-Benzothiazolone	23	J N	ug/L	934-34-9	7.91	1.0
(Carbethoxyethylidene)triphenylphosphora	38	J N	ug/L	5717-37-3	10.91	1.0
Method: 8270C Run Type: RE				Date Analyzed:	10/08/2007 1622	
Prep Method: 3520C				Date Prepared:	10/04/2007 1315	
Acenaphthene	10	U H	ug/L	0.50	10	1.0
Acenaphthylene	10	U H	ug/L	0.50	10	1.0
Acetophenone	10	U H *	ug/L	0.50	10	1.0
Aniline	20	U H	ug/L	8.6	20	1.0
Anthracene	10	U H	ug/L	0.50	10	1.0
Atrazine	10	U H	ug/L	4.0	10	1.0
Benzaldehyde	10	U H	ug/L	1.3	10	1.0
Benzidine	80	U H	ug/L	4.1	80	1.0
Benzo[a]anthracene	10	U H	ug/L	0.50	10	1.0

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Lab Sample ID: 680-30446-1

Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Benzo[a]pyrene	10	U H	ug/L	0.50	10	1.0
Benzo[b]fluoranthene	10	U H	ug/L	0.67	10	1.0
Benzo[g,h,i]perylene	10	U H	ug/L	0.67	10	1.0
Benzo[k]fluoranthene	10	U H	ug/L	0.50	10	1.0
Benzyl alcohol	10	U H	ug/L	0.80	10	1.0
1,1'-Biphenyl	10	U H	ug/L	0.50	10	1.0
Bis(2-chloroethoxy)methane	10	U H	ug/L	0.50	10	1.0
Bis(2-chloroethyl)ether	10	U H	ug/L	0.59	10	1.0
Bis(2-ethylhexyl) phthalate	10	U H	ug/L	0.94	10	1.0
4-Bromophenyl phenyl ether	10	U H	ug/L	0.50	10	1.0
Butyl benzyl phthalate	10	U H	ug/L	0.74	10	1.0
Caprolactam	10	U H	ug/L	5.0	10	1.0
4-Chloroaniline	20	U H	ug/L	4.8	20	1.0
4-Chloro-3-methylphenol	10	U H	ug/L	0.52	10	1.0
2-Chloronaphthalene	10	U H	ug/L	0.50	10	1.0
2-Chlorophenol	10	U H	ug/L	1.0	10	1.0
4-Chlorophenyl phenyl ether	10	U H	ug/L	1.0	10	1.0
Chrysene	10	U H	ug/L	0.50	10	1.0
Dibenz(a,h)anthracene	10	U H	ug/L	0.50	10	1.0
Dibenzofuran	10	U H	ug/L	0.50	10	1.0
3,3'-Dichlorobenzidine	20	U H	ug/L	3.2	20	1.0
2,4-Dichlorophenol	10	U H	ug/L	1.0	10	1.0
Diethyl phthalate	10	U H	ug/L	0.50	10	1.0
2,4-Dimethylphenol	10	U H	ug/L	1.1	10	1.0
Dimethyl phthalate	10	U H	ug/L	5.0	10	1.0
Di-n-butyl phthalate	10	U H	ug/L	0.50	10	1.0
4,6-Dinitro-2-methylphenol	50	U H	ug/L	5.0	50	1.0
2,4-Dinitrophenol	50	U H	ug/L	10	50	1.0
2,4-Dinitrotoluene	10	U H	ug/L	0.50	10	1.0
2,6-Dinitrotoluene	10	U H	ug/L	0.50	10	1.0
Di-n-octyl phthalate	10	U H	ug/L	0.76	10	1.0
1,4-Dioxane	10	U H	ug/L	2.6	10	1.0
Fluoranthene	10	U H	ug/L	0.50	10	1.0
Fluorene	10	U H	ug/L	0.50	10	1.0
Hexachlorobenzene	10	U H	ug/L	0.50	10	1.0
Hexachlorobutadiene	10	U H	ug/L	5.0	10	1.0
Hexachlorocyclopentadiene	10	U H	ug/L	5.0	10	1.0
Hexachloroethane	10	U H	ug/L	0.50	10	1.0
Indeno[1,2,3-cd]pyrene	10	U H	ug/L	0.86	10	1.0
Isophorone	10	U H	ug/L	0.50	10	1.0
Mercaptobenzothiazole	50	U H *	ug/L	50	50	1.0

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Client Sample ID: TE-020-GW
Lab Sample ID: 680-30446-1

Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Methylnaphthalene	10	U H	ug/L	0.50	10	1.0
2-Methylphenol	10	U H	ug/L	0.64	10	1.0
3 & 4 Methylphenol	10	U H	ug/L	1.0	10	1.0
Naphthalene	10	U H	ug/L	0.50	10	1.0
2-Nitroaniline	50	U H	ug/L	5.0	50	1.0
3-Nitroaniline	50	U H	ug/L	2.8	50	1.0
4-Nitroaniline	50	U H	ug/L	2.0	50	1.0
Nitrobenzene	0.50	J H	ug/L	0.50	10	1.0
2-Nitrophenol	10	U H	ug/L	5.0	10	1.0
4-Nitrophenol	50	U H	ug/L	10	50	1.0
N-Nitrosodimethylamine	10	U H	ug/L	1.2	10	1.0
N-Nitrosodi-n-propylamine	10	U H	ug/L	0.50	10	1.0
N-Nitrosodiphenylamine	10	U H	ug/L	0.73	10	1.0
2,2'-oxybis[1-chloropropane]	10	U H	ug/L	0.50	10	1.0
Pentachlorophenol	50	U H	ug/L	5.0	50	1.0
Phenanthrene	10	U H	ug/L	0.50	10	1.0
Phenol	10	U H	ug/L	0.50	10	1.0
Pyrene	10	U H	ug/L	0.50	10	1.0
2,4,5-Trichlorophenol	10	U H	ug/L	0.80	10	1.0
2,4,6-Trichlorophenol	10	U H	ug/L	0.50	10	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	61		%		50 - 113	
2-Fluorophenol	4	X	%		36 - 110	
Nitrobenzene-d5	57		%		45 - 112	
Phenol-d5	5	X	%		38 - 116	
Terphenyl-d14	93		%		10 - 121	
2,4,6-Tribromophenol	21	X	%		40 - 139	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	21	A H J	ug/L		3.13	1.0
Unknown Organic Acid	5.5	H J	ug/L		3.88	1.0
Unknown	7.5	H J	ug/L		5.27	1.0
Benzothiazole	7.7	H J N	ug/L	95-16-9	5.83	1.0
1,2,3-Benzothiadiazole	22	H J N	ug/L	273-77-8	5.99	1.0
Unknown	4.6	H J	ug/L		7.17	1.0
2(3H)-Benzothiazolone	22	H J N	ug/L	934-34-9	7.84	1.0
Unknown	6.4	H J	ug/L		8.03	1.0
Unknown	4.7	H J	ug/L		8.70	1.0
Benzothiazole, 2-phenyl-	6.2	H J N	ug/L	883-93-2	9.08	1.0
Unknown Ketone	6.2	H J	ug/L		9.21	1.0
Oleic Acid	25	H J N	ug/L	112-80-1	9.39	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-020-GW
Lab Sample ID: 680-30446-1

Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Tentatively Identified Compounds				Cas Number	RT	
Unknown	5.4	H J	ug/L		9.46	1.0
Unknown	5.6	H J	ug/L		9.55	1.0
Unknown Alcohol	4.6	H J	ug/L		10.83	1.0
Method: 8015B			Date Analyzed:	09/26/2007	1842	
Dibenzylamine	5.0	U	mg/L	5.0	5.0	1.0
Diethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dimethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dibutyl amine	5.0	U	mg/L	5.0	5.0	1.0
Method: 630.1			Date Analyzed:	10/09/2007	1216	
Prep Method: 630.1			Date Prepared:	09/29/2007	1448	
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
Method: 8015B			Date Analyzed:	09/28/2007	1733	
Prep Method: 3520C			Date Prepared:	09/27/2007	1202	
Mineral oil	0.73		mg/L	0.50	0.50	1.0
Surrogate				Acceptance Limits		
o-Terphenyl	97		%		30 - 165	
Method: Total Recoverable-6020			Date Analyzed:	10/04/2007	0855	
Prep Method: 3005A			Date Prepared:	09/27/2007	1218	
Nickel	0.0092		mg/L	0.00032	0.0010	1.0
Sodium	170		mg/L	0.090	0.25	1.0
Zinc	0.65		mg/L	0.0065	0.020	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-020-GW
Lab Sample ID: 680-30446-1

Date Sampled: 09/21/2007 1530
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9034			Date Analyzed:		09/26/2007 1442	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
Method: 9038			Date Analyzed:		10/01/2007 1412	
Sulfate	380		mg/L	100	100	20

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-019-GW
Lab Sample ID: 680-30446-2

Date Sampled: 09/21/2007 1600
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B				Date Analyzed: 10/02/2007 1946		
Prep Method: 5030B				Date Prepared: 10/02/2007 1946		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	1.0	U	ug/L	0.32	1.0	1.0
Bromodichloromethane	1.0	U	ug/L	0.34	1.0	1.0
Bromoform	1.0	U	ug/L	0.41	1.0	1.0
Bromomethane	1.0	U	ug/L	0.50	1.0	1.0
Carbon disulfide	0.78	J	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	0.76	J	ug/L	0.34	1.0	1.0
Chloroethane	1.0	U	ug/L	1.0	1.0	1.0
Chloroform	1.0	U	ug/L	0.29	1.0	1.0
Chloromethane	1.0	U	ug/L	0.28	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	ug/L	0.33	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	ug/L	0.37	1.0	1.0
Cyclohexane	1.0	U	ug/L	1.0	1.0	1.0
Dibromochloromethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	ug/L	0.48	1.0	1.0
1,2-Dibromoethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
1,3-Dichlorobenzene	1.0	U	ug/L	0.31	1.0	1.0
1,4-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
Dichlorodifluoromethane	1.0	U	ug/L	0.33	1.0	1.0
1,1-Dichloroethane	1.0	U	ug/L	0.32	1.0	1.0
1,2-Dichloroethane	1.0	U	ug/L	0.31	1.0	1.0
1,1-Dichloroethene	1.0	U	ug/L	0.36	1.0	1.0
1,2-Dichloropropane	1.0	U	ug/L	0.36	1.0	1.0
Ethylbenzene	1.0	U	ug/L	0.30	1.0	1.0
2-Hexanone	10	U	ug/L	0.68	10	1.0
Isopropylbenzene	1.0	U	ug/L	0.27	1.0	1.0
Methyl acetate	1.0	U	ug/L	0.42	1.0	1.0
Methylcyclohexane	1.0	U	ug/L	0.25	1.0	1.0
Methylene Chloride	5.0	U	ug/L	1.0	5.0	1.0
Methyl ethyl ketone (MEK)	10	U	ug/L	0.60	10	1.0
Methyl isobutyl ketone (MIBK)	10	U	ug/L	0.60	10	1.0
Methyl tert-butyl ether	10	U	ug/L	0.58	10	1.0
Styrene	1.0	U	ug/L	0.36	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	ug/L	0.26	1.0	1.0
Tetrachloroethene	0.95	J	ug/L	0.28	1.0	1.0
Toluene	1.5		ug/L	0.31	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	ug/L	0.30	1.0	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-019-GW
Lab Sample ID: 680-30446-2

Date Sampled: 09/21/2007 1600
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	1.0	U	ug/L	0.27	1.0	1.0
1,2,4-Trichlorobenzene	1.0	U	ug/L	0.35	1.0	1.0
1,1,1-Trichloroethane	1.0	U	ug/L	0.39	1.0	1.0
1,1,2-Trichloroethane	1.0	U	ug/L	0.51	1.0	1.0
Trichloroethene	1.0	U	ug/L	0.40	1.0	1.0
Trichlorofluoromethane	1.0	U	ug/L	0.29	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	ug/L	0.35	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	ug/L	0.27	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	ug/L	0.28	1.0	1.0
Vinyl chloride	1.0	U	ug/L	0.20	1.0	1.0
Xylenes, Total	2.0	U	ug/L	0.87	2.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	96		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	93		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	110	B J N	ug/L	124-38-9	0.89	1.0
Method: 8270C				Date Analyzed:	10/02/2007 1743	
Prep Method: 3520C				Date Prepared:	09/27/2007 1202	
Acenaphthene	1000	U	ug/L	50	1000	100
Acenaphthylene	1000	U	ug/L	50	1000	100
Acetophenone	1000	U *	ug/L	50	1000	100
Aniline	2000	U	ug/L	860	2000	100
Anthracene	1000	U	ug/L	50	1000	100
Atrazine	1000	U	ug/L	400	1000	100
Benzaldehyde	1000	U	ug/L	130	1000	100
Benzidine	8000	U	ug/L	410	8000	100
Benzo[a]anthracene	1000	U	ug/L	50	1000	100
Benzo[a]pyrene	1000	U	ug/L	50	1000	100
Benzo[b]fluoranthene	1000	U	ug/L	67	1000	100
Benzo[g,h,i]perylene	1000	U	ug/L	67	1000	100
Benzo[k]fluoranthene	1000	U	ug/L	50	1000	100
Benzyl alcohol	1000	U	ug/L	80	1000	100
1,1'-Biphenyl	1000	U	ug/L	50	1000	100
Bis(2-chloroethoxy)methane	1000	U	ug/L	50	1000	100
Bis(2-chloroethyl)ether	1000	U	ug/L	59	1000	100
Bis(2-ethylhexyl) phthalate	1000	U	ug/L	94	1000	100
4-Bromophenyl phenyl ether	1000	U	ug/L	50	1000	100
Butyl benzyl phthalate	1000	U	ug/L	74	1000	100

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Saint Louis, MO 63141

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-019-GW
Lab Sample ID: 680-30446-2

Date Sampled: 09/21/2007 1600
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Caprolactam	1000	U	ug/L	500	1000	100
4-Chloroaniline	2000	U	ug/L	480	2000	100
4-Chloro-3-methylphenol	1000	U	ug/L	52	1000	100
2-Chloronaphthalene	1000	U	ug/L	50	1000	100
2-Chlorophenol	1000	U	ug/L	100	1000	100
4-Chlorophenyl phenyl ether	1000	U	ug/L	100	1000	100
Chrysene	1000	U	ug/L	50	1000	100
Dibenz(a,h)anthracene	1000	U	ug/L	50	1000	100
Dibenzofuran	1000	U	ug/L	50	1000	100
3,3'-Dichlorobenzidine	2000	U	ug/L	320	2000	100
2,4-Dichlorophenol	1000	U	ug/L	100	1000	100
Diethyl phthalate	1000	U	ug/L	50	1000	100
2,4-Dimethylphenol	1000	U	ug/L	110	1000	100
Dimethyl phthalate	1000	U	ug/L	500	1000	100
Di-n-butyl phthalate	1000	U	ug/L	50	1000	100
4,6-Dinitro-2-methylphenol	5000	U	ug/L	500	5000	100
2,4-Dinitrophenol	5000	U	ug/L	1000	5000	100
2,4-Dinitrotoluene	1000	U	ug/L	50	1000	100
2,6-Dinitrotoluene	1000	U	ug/L	50	1000	100
Di-n-octyl phthalate	1000	U	ug/L	76	1000	100
1,4-Dioxane	1000	U	ug/L	260	1000	100
Fluoranthene	1000	U	ug/L	50	1000	100
Fluorene	1000	U	ug/L	50	1000	100
Hexachlorobenzene	1000	U	ug/L	50	1000	100
Hexachlorobutadiene	1000	U	ug/L	500	1000	100
Hexachlorocyclopentadiene	1000	U	ug/L	500	1000	100
Hexachloroethane	1000	U	ug/L	50	1000	100
Indeno[1,2,3-cd]pyrene	1000	U	ug/L	86	1000	100
Isophorone	1000	U	ug/L	50	1000	100
Mercaptobenzothiazole	34000	*	ug/L	5000	5000	100
2-Methylnaphthalene	1000	U	ug/L	50	1000	100
2-Methylphenol	1000	U	ug/L	64	1000	100
3 & 4 Methylphenol	1000	U	ug/L	100	1000	100
Naphthalene	1000	U	ug/L	50	1000	100
2-Nitroaniline	5000	U	ug/L	500	5000	100
3-Nitroaniline	5000	U	ug/L	280	5000	100
4-Nitroaniline	5000	U	ug/L	200	5000	100
Nitrobenzene	1000	U	ug/L	50	1000	100
2-Nitrophenol	1000	U	ug/L	500	1000	100
4-Nitrophenol	5000	U	ug/L	1000	5000	100
N-Nitrosodimethylamine	1000	U	ug/L	120	1000	100

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-019-GW
Lab Sample ID: 680-30446-2

Date Sampled: 09/21/2007 1600
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
N-Nitrosodi-n-propylamine	1000	U	ug/L	50	1000	100
N-Nitrosodiphenylamine	1000	U	ug/L	73	1000	100
2,2'-oxybis[1-chloropropane]	1000	U	ug/L	50	1000	100
Pentachlorophenol	5000	U	ug/L	500	5000	100
Phenanthrene	1000	U	ug/L	50	1000	100
Phenol	1000	U	ug/L	50	1000	100
Pyrene	1000	U	ug/L	50	1000	100
2,4,5-Trichlorophenol	1000	U	ug/L	80	1000	100
2,4,6-Trichlorophenol	1000	U	ug/L	50	1000	100
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	0	D	%		50 - 113	
2-Fluorophenol	0	D	%		36 - 110	
Nitrobenzene-d5	0	D	%		45 - 112	
Phenol-d5	0	D	%		38 - 116	
Terphenyl-d14	0	D	%		10 - 121	
2,4,6-Tribromophenol	0	D	%		40 - 139	
Tentatively Identified Compounds	Cas Number RT					
Benzothiazole	2000	J N	ug/L	95-16-9	5.89	100
2(3H)-Benzothiazolone	1200	J N	ug/L	934-34-9	7.91	100
Method: 8015B	Date Analyzed: 09/26/2007 1916					
Dibenzylamine	5.0	U	mg/L	5.0	5.0	1.0
Diethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dimethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dibutyl amine	5.0	U	mg/L	5.0	5.0	1.0
Method: 630.1	Date Analyzed: 10/09/2007 1238					
Prep Method: 630.1	Date Prepared: 09/29/2007 1448					
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/29/2007 1217					
Prep Method: 3520C	Date Prepared: 09/27/2007 1202					
Mineral oil	29		mg/L	2.5	2.5	5.0
Surrogate	Acceptance Limits					
o-Terphenyl	0	D	%		30 - 165	
Method: Total Recoverable-6020	Date Analyzed: 10/04/2007 0945					
Prep Method: 3005A	Date Prepared: 09/27/2007 1218					
Nickel	0.014		mg/L	0.00032	0.0010	1.0
Sodium	410		mg/L	0.090	0.25	1.0
Zinc	0.36		mg/L	0.0065	0.020	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-019-GW
Lab Sample ID: 680-30446-2

Date Sampled: 09/21/2007 1600
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 9034					
Sulfide	6.5	mg/L	1.0	1.0	1.0
Method: 9038					
Sulfate	610	mg/L	100	100	20

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-018-GW
Lab Sample ID: 680-30446-3

Date Sampled: 09/21/2007 1400
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 2013		
Prep Method: 5030B			Date Prepared:	10/02/2007 2013		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	1.0	U	ug/L	0.32	1.0	1.0
Bromodichloromethane	1.0	U	ug/L	0.34	1.0	1.0
Bromoform	1.0	U	ug/L	0.41	1.0	1.0
Bromomethane	1.0	U	ug/L	0.50	1.0	1.0
Carbon disulfide	0.40	J	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	1.0	U	ug/L	0.34	1.0	1.0
Chloroethane	1.0	U	ug/L	1.0	1.0	1.0
Chloroform	1.0	U	ug/L	0.29	1.0	1.0
Chloromethane	0.56	J	ug/L	0.28	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	ug/L	0.33	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	ug/L	0.37	1.0	1.0
Cyclohexane	1.0	U	ug/L	1.0	1.0	1.0
Dibromochloromethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	ug/L	0.48	1.0	1.0
1,2-Dibromoethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
1,3-Dichlorobenzene	1.0	U	ug/L	0.31	1.0	1.0
1,4-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
Dichlorodifluoromethane	1.0	U	ug/L	0.33	1.0	1.0
1,1-Dichloroethane	1.0	U	ug/L	0.32	1.0	1.0
1,2-Dichloroethane	1.0	U	ug/L	0.31	1.0	1.0
1,1-Dichloroethene	1.0	U	ug/L	0.36	1.0	1.0
1,2-Dichloropropane	1.0	U	ug/L	0.36	1.0	1.0
Ethylbenzene	1.0	U	ug/L	0.30	1.0	1.0
2-Hexanone	10	U	ug/L	0.68	10	1.0
Isopropylbenzene	1.0	U	ug/L	0.27	1.0	1.0
Methyl acetate	1.0	U	ug/L	0.42	1.0	1.0
Methylcyclohexane	1.0	U	ug/L	0.25	1.0	1.0
Methylene Chloride	5.0	U	ug/L	1.0	5.0	1.0
Methyl ethyl ketone (MEK)	10	U	ug/L	0.60	10	1.0
Methyl isobutyl ketone (MIBK)	10	U	ug/L	0.60	10	1.0
Methyl tert-butyl ether	0.99	J	ug/L	0.58	10	1.0
Styrene	1.0	U	ug/L	0.36	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	ug/L	0.26	1.0	1.0
Tetrachloroethene	2.1		ug/L	0.28	1.0	1.0
Toluene	0.45	J	ug/L	0.31	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	ug/L	0.30	1.0	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-018-GW
Lab Sample ID: 680-30446-3

Date Sampled: 09/21/2007 1400
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	1.0	U	ug/L	0.27	1.0	1.0
1,2,4-Trichlorobenzene	1.8		ug/L	0.35	1.0	1.0
1,1,1-Trichloroethane	1.0	U	ug/L	0.39	1.0	1.0
1,1,2-Trichloroethane	1.0	U	ug/L	0.51	1.0	1.0
Trichloroethene	1.0	U	ug/L	0.40	1.0	1.0
Trichlorofluoromethane	1.0	U	ug/L	0.29	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	ug/L	0.35	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	ug/L	0.27	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	ug/L	0.28	1.0	1.0
Vinyl chloride	1.0	U	ug/L	0.20	1.0	1.0
Xylenes, Total	2.0	U	ug/L	0.87	2.0	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	94		%		75 - 120	
Dibromofluoromethane	100		%		75 - 121	
Toluene-d8 (Surr)	92		%		75 - 120	

Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	150	B J N	ug/L	124-38-9	0.89	1.0
Unknown	8.3	J	ug/L		1.26	1.0
Unknown Alkane	8.4	J	ug/L		1.91	1.0
Unknown Alkane	9.0	J	ug/L		2.66	1.0

Method: 8270C

Prep Method: 3520C

Date Analyzed: 10/01/2007 1858
Date Prepared: 09/27/2007 1202

Acenaphthene	10	U	ug/L	0.50	10	1.0
Acenaphthylene	10	U	ug/L	0.50	10	1.0
Acetophenone	10	U *	ug/L	0.50	10	1.0
Aniline	20	U	ug/L	8.6	20	1.0
Anthracene	10	U	ug/L	0.50	10	1.0
Atrazine	10	U	ug/L	4.0	10	1.0
Benzaldehyde	10	U	ug/L	1.3	10	1.0
Benzidine	80	U	ug/L	4.1	80	1.0
Benzo[a]anthracene	10	U	ug/L	0.50	10	1.0
Benzo[a]pyrene	10	U	ug/L	0.50	10	1.0
Benzo[b]fluoranthene	10	U	ug/L	0.67	10	1.0
Benzo[g,h,i]perylene	10	U	ug/L	0.67	10	1.0
Benzo[k]fluoranthene	10	U	ug/L	0.50	10	1.0
Benzyl alcohol	10	U	ug/L	0.80	10	1.0
1,1'-Biphenyl	10	U	ug/L	0.50	10	1.0
Bis(2-chloroethoxy)methane	10	U	ug/L	0.50	10	1.0
Bis(2-chloroethyl)ether	10	U	ug/L	0.59	10	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-018-GW
Lab Sample ID: 680-30446-3

Date Sampled: 09/21/2007 1400
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Bis(2-ethylhexyl) phthalate	10	U	ug/L	0.94	10	1.0
4-Bromophenyl phenyl ether	10	U	ug/L	0.50	10	1.0
Butyl benzyl phthalate	10	U	ug/L	0.74	10	1.0
Caprolactam	10	U	ug/L	5.0	10	1.0
4-Chloroaniline	20	U	ug/L	4.8	20	1.0
4-Chloro-3-methylphenol	10	U	ug/L	0.52	10	1.0
2-Chloronaphthalene	10	U	ug/L	0.50	10	1.0
2-Chlorophenol	10	U	ug/L	1.0	10	1.0
4-Chlorophenyl phenyl ether	10	U	ug/L	1.0	10	1.0
Chrysene	10	U	ug/L	0.50	10	1.0
Dibenz(a,h)anthracene	10	U	ug/L	0.50	10	1.0
Dibenzofuran	10	U	ug/L	0.50	10	1.0
3,3'-Dichlorobenzidine	20	U	ug/L	3.2	20	1.0
2,4-Dichlorophenol	10	U	ug/L	1.0	10	1.0
Diethyl phthalate	10	U	ug/L	0.50	10	1.0
2,4-Dimethylphenol	10	U	ug/L	1.1	10	1.0
Dimethyl phthalate	10	U	ug/L	5.0	10	1.0
Di-n-butyl phthalate	10	U	ug/L	0.50	10	1.0
4,6-Dinitro-2-methylphenol	50	U	ug/L	5.0	50	1.0
2,4-Dinitrophenol	50	U	ug/L	10	50	1.0
2,4-Dinitrotoluene	10	U	ug/L	0.50	10	1.0
2,6-Dinitrotoluene	10	U	ug/L	0.50	10	1.0
Di-n-octyl phthalate	10	U	ug/L	0.76	10	1.0
1,4-Dioxane	3.8	J	ug/L	2.6	10	1.0
Fluoranthene	10	U	ug/L	0.50	10	1.0
Fluorene	10	U	ug/L	0.50	10	1.0
Hexachlorobenzene	10	U	ug/L	0.50	10	1.0
Hexachlorobutadiene	10	U	ug/L	5.0	10	1.0
Hexachlorocyclopentadiene	10	U	ug/L	5.0	10	1.0
Hexachloroethane	10	U	ug/L	0.50	10	1.0
Indeno[1,2,3-cd]pyrene	10	U	ug/L	0.86	10	1.0
Isophorone	10	U	ug/L	0.50	10	1.0
Mercaptobenzothiazole	50	U *	ug/L	50	50	1.0
2-Methylnaphthalene	10	U	ug/L	0.50	10	1.0
2-Methylphenol	10	U	ug/L	0.64	10	1.0
3 & 4 Methylphenol	10	U	ug/L	1.0	10	1.0
Naphthalene	10	U	ug/L	0.50	10	1.0
2-Nitroaniline	50	U	ug/L	5.0	50	1.0
3-Nitroaniline	50	U	ug/L	2.8	50	1.0
4-Nitroaniline	50	U	ug/L	2.0	50	1.0
Nitrobenzene	10	U	ug/L	0.50	10	1.0

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Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-018-GW
Lab Sample ID: 680-30446-3

Date Sampled: 09/21/2007 1400
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Nitrophenol	10	U	ug/L	5.0	10	1.0
4-Nitrophenol	50	U	ug/L	10	50	1.0
N-Nitrosodimethylamine	10	U	ug/L	1.2	10	1.0
N-Nitrosodi-n-propylamine	10	U	ug/L	0.50	10	1.0
N-Nitrosodiphenylamine	10	U	ug/L	0.73	10	1.0
2,2'-oxybis[1-chloropropane]	10	U	ug/L	0.50	10	1.0
Pentachlorophenol	50	U	ug/L	5.0	50	1.0
Phenanthrene	10	U	ug/L	0.50	10	1.0
Phenol	10	U	ug/L	0.50	10	1.0
Pyrene	10	U	ug/L	0.50	10	1.0
2,4,5-Trichlorophenol	10	U	ug/L	0.80	10	1.0
2,4,6-Trichlorophenol	10	U	ug/L	0.50	10	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	59		%		50 - 113	
2-Fluorophenol	67		%		36 - 110	
Nitrobenzene-d5	72		%		45 - 112	
Phenol-d5	71		%		38 - 116	
Terphenyl-d14	85		%		10 - 121	
2,4,6-Tribromophenol	102		%		40 - 139	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	35	A J	ug/L		3.19	1.0
Unknown	10	J	ug/L		5.34	1.0
Benzothiazole	7.1	J N	ug/L	95-16-9	5.90	1.0
1,2-Benzisothiazole, 3-methyl-	11	J N	ug/L	6187-89-9	6.25	1.0
Unknown Organic Acid	19	J	ug/L		6.64	1.0
Unknown Alkane	17	J	ug/L		7.22	1.0
Unknown Ketone	10	J	ug/L		7.28	1.0
Unknown	7.7	J	ug/L		7.61	1.0
2(3H)-Benzothiazolone	5.5	J N	ug/L	934-34-9	7.91	1.0
Benzenesulfonamide, N-butyl-	5.7	J N	ug/L	3622-84-2	8.30	1.0
Unknown Ketone	4.5	J	ug/L		9.12	1.0
Oleic Acid	7.3	J N	ug/L	112-80-1	9.46	1.0
Phosphine oxide, triphenyl-	20	J N	ug/L	791-28-6	10.91	1.0
Unknown	4.3	J	ug/L		12.53	1.0
Method: 8015B	Date Analyzed: 09/26/2007 1950					
Dibenzylamine	5.0	U	mg/L	5.0	5.0	1.0
Diethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dimethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dibutyl amine	5.0	U	mg/L	5.0	5.0	1.0

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Job Number: 680-30446-1
 Sdg Number: FLX014

Client Sample ID: TE-018-GW
Lab Sample ID: 680-30446-3

Date Sampled: 09/21/2007 1400
 Date Received: 09/26/2007 1150
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 630.1				Date Analyzed:	10/09/2007 1300	
Prep Method: 630.1				Date Prepared:	09/29/2007 1448	
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
Method: 8015B				Date Analyzed:	09/28/2007 1759	
Prep Method: 3520C				Date Prepared:	09/27/2007 1202	
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	94		%		30 - 165	
Method: Total Recoverable-6020				Date Analyzed:	10/04/2007 0952	
Prep Method: 3005A				Date Prepared:	09/27/2007 1218	
Nickel	0.0095		mg/L	0.00032	0.0010	1.0
Sodium	270		mg/L	0.090	0.25	1.0
Zinc	0.41		mg/L	0.0065	0.020	1.0

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Saint Louis, MO 63141

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-018-GW
Lab Sample ID: 680-30446-3

Date Sampled: 09/21/2007 1400
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9034			Date Analyzed:		09/26/2007 1442	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
Method: 9038			Date Analyzed:		10/01/2007 1424	
Sulfate	340		mg/L	50	50	10

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-017-GW
Lab Sample ID: 680-30446-4

Date Sampled: 09/21/2007 1430
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 2041		
Prep Method: 5030B			Date Prepared:	10/02/2007 2041		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	1.0	U	ug/L	0.32	1.0	1.0
Bromodichloromethane	1.0	U	ug/L	0.34	1.0	1.0
Bromoform	1.0	U	ug/L	0.41	1.0	1.0
Bromomethane	1.0	U	ug/L	0.50	1.0	1.0
Carbon disulfide	56		ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	1.0	U	ug/L	0.34	1.0	1.0
Chloroethane	1.0	U	ug/L	1.0	1.0	1.0
Chloroform	1.0	U	ug/L	0.29	1.0	1.0
Chloromethane	1.0	U	ug/L	0.28	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	ug/L	0.33	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	ug/L	0.37	1.0	1.0
Cyclohexane	1.0	U	ug/L	1.0	1.0	1.0
Dibromochloromethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	ug/L	0.48	1.0	1.0
1,2-Dibromoethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
1,3-Dichlorobenzene	1.0	U	ug/L	0.31	1.0	1.0
1,4-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
Dichlorodifluoromethane	1.0	U	ug/L	0.33	1.0	1.0
1,1-Dichloroethane	1.0	U	ug/L	0.32	1.0	1.0
1,2-Dichloroethane	1.0	U	ug/L	0.31	1.0	1.0
1,1-Dichloroethene	1.0	U	ug/L	0.36	1.0	1.0
1,2-Dichloropropane	1.0	U	ug/L	0.36	1.0	1.0
Ethylbenzene	1.0	U	ug/L	0.30	1.0	1.0
2-Hexanone	10	U	ug/L	0.68	10	1.0
Isopropylbenzene	1.0	U	ug/L	0.27	1.0	1.0
Methyl acetate	1.0	U	ug/L	0.42	1.0	1.0
Methylcyclohexane	1.0	U	ug/L	0.25	1.0	1.0
Methylene Chloride	5.0	U	ug/L	1.0	5.0	1.0
Methyl ethyl ketone (MEK)	10	U	ug/L	0.60	10	1.0
Methyl isobutyl ketone (MIBK)	10	U	ug/L	0.60	10	1.0
Methyl tert-butyl ether	10	U	ug/L	0.58	10	1.0
Styrene	1.0	U	ug/L	0.36	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	ug/L	0.26	1.0	1.0
Tetrachloroethene	0.67	J	ug/L	0.28	1.0	1.0
Toluene	2.2		ug/L	0.31	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	ug/L	0.30	1.0	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-017-GW
Lab Sample ID: 680-30446-4

Date Sampled: 09/21/2007 1430
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	1.0	U	ug/L	0.27	1.0	1.0
1,2,4-Trichlorobenzene	1.7		ug/L	0.35	1.0	1.0
1,1,1-Trichloroethane	1.0	U	ug/L	0.39	1.0	1.0
1,1,2-Trichloroethane	1.0	U	ug/L	0.51	1.0	1.0
Trichloroethene	1.0	U	ug/L	0.40	1.0	1.0
Trichlorofluoromethane	1.0	U	ug/L	0.29	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	ug/L	0.35	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	ug/L	0.27	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	ug/L	0.28	1.0	1.0
Vinyl chloride	1.0	U	ug/L	0.20	1.0	1.0
Xylenes, Total	2.0	U	ug/L	0.87	2.0	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	94		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	93		%		75 - 120	

Tentatively Identified Compounds			Cas Number		RT	
Carbon Dioxide	71	B J N	ug/L	124-38-9	0.89	1.0
Sulfur dioxide	21	J N	ug/L	7446-09-5	1.02	1.0
Unknown	8.6	J	ug/L		1.26	1.0

Method: 8270C

Date Analyzed: 10/02/2007 1527

Prep Method: 3520C

Date Prepared: 09/27/2007 1202

Acenaphthene	100	U	ug/L	5.0	100	10
Acenaphthylene	100	U	ug/L	5.0	100	10
Acetophenone	100	U *	ug/L	5.0	100	10
Aniline	200	U	ug/L	86	200	10
Anthracene	100	U	ug/L	5.0	100	10
Atrazine	100	U	ug/L	40	100	10
Benzaldehyde	100	U	ug/L	13	100	10
Benzidine	800	U	ug/L	41	800	10
Benzo[a]anthracene	100	U	ug/L	5.0	100	10
Benzo[a]pyrene	100	U	ug/L	5.0	100	10
Benzo[b]fluoranthene	100	U	ug/L	6.7	100	10
Benzo[g,h,i]perylene	100	U	ug/L	6.7	100	10
Benzo[k]fluoranthene	100	U	ug/L	5.0	100	10
Benzyl alcohol	100	U	ug/L	8.0	100	10
1,1'-Biphenyl	100	U	ug/L	5.0	100	10
Bis(2-chloroethoxy)methane	100	U	ug/L	5.0	100	10
Bis(2-chloroethyl)ether	100	U	ug/L	5.9	100	10
Bis(2-ethylhexyl) phthalate	100	U	ug/L	9.4	100	10

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Saint Louis, MO 63141

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-017-GW
Lab Sample ID: 680-30446-4

Date Sampled: 09/21/2007 1430
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Bromophenyl phenyl ether	100	U	ug/L	5.0	100	10
Butyl benzyl phthalate	100	U	ug/L	7.4	100	10
Caprolactam	100	U	ug/L	50	100	10
4-Chloroaniline	200	U	ug/L	48	200	10
4-Chloro-3-methylphenol	100	U	ug/L	5.2	100	10
2-Chloronaphthalene	100	U	ug/L	5.0	100	10
2-Chlorophenol	100	U	ug/L	10	100	10
4-Chlorophenyl phenyl ether	100	U	ug/L	10	100	10
Chrysene	100	U	ug/L	5.0	100	10
Dibenz(a,h)anthracene	100	U	ug/L	5.0	100	10
Dibenzofuran	100	U	ug/L	5.0	100	10
3,3'-Dichlorobenzidine	200	U	ug/L	32	200	10
2,4-Dichlorophenol	100	U	ug/L	10	100	10
Diethyl phthalate	100	U	ug/L	5.0	100	10
2,4-Dimethylphenol	100	U	ug/L	11	100	10
Dimethyl phthalate	100	U	ug/L	50	100	10
Di-n-butyl phthalate	100	U	ug/L	5.0	100	10
4,6-Dinitro-2-methylphenol	500	U	ug/L	50	500	10
2,4-Dinitrophenol	500	U	ug/L	100	500	10
2,4-Dinitrotoluene	100	U	ug/L	5.0	100	10
2,6-Dinitrotoluene	100	U	ug/L	5.0	100	10
Di-n-octyl phthalate	100	U	ug/L	7.6	100	10
1,4-Dioxane	100	U	ug/L	26	100	10
Fluoranthene	100	U	ug/L	5.0	100	10
Fluorene	100	U	ug/L	5.0	100	10
Hexachlorobenzene	100	U	ug/L	5.0	100	10
Hexachlorobutadiene	100	U	ug/L	50	100	10
Hexachlorocyclopentadiene	100	U	ug/L	50	100	10
Hexachloroethane	100	U	ug/L	5.0	100	10
Indeno[1,2,3-cd]pyrene	100	U	ug/L	8.6	100	10
Isophorone	100	U	ug/L	5.0	100	10
Mercaptobenzothiazole	1700	*	ug/L	500	500	10
2-Methylnaphthalene	100	U	ug/L	5.0	100	10
2-Methylphenol	100	U	ug/L	6.4	100	10
3 & 4 Methylphenol	100	U	ug/L	10	100	10
Naphthalene	100	U	ug/L	5.0	100	10
2-Nitroaniline	500	U	ug/L	50	500	10
3-Nitroaniline	500	U	ug/L	28	500	10
4-Nitroaniline	500	U	ug/L	20	500	10
Nitrobenzene	100	U	ug/L	5.0	100	10
2-Nitrophenol	100	U	ug/L	50	100	10

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Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-017-GW
Lab Sample ID: 680-30446-4

Date Sampled: 09/21/2007 1430
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Nitrophenol	500	U	ug/L	100	500	10
N-Nitrosodimethylamine	100	U	ug/L	12	100	10
N-Nitrosodi-n-propylamine	100	U	ug/L	5.0	100	10
N-Nitrosodiphenylamine	100	U	ug/L	7.3	100	10
2,2'-oxybis[1-chloropropane]	100	U	ug/L	5.0	100	10
Pentachlorophenol	500	U	ug/L	50	500	10
Phenanthrene	100	U	ug/L	5.0	100	10
Phenol	100	U	ug/L	5.0	100	10
Pyrene	100	U	ug/L	5.0	100	10
2,4,5-Trichlorophenol	100	U	ug/L	8.0	100	10
2,4,6-Trichlorophenol	100	U	ug/L	5.0	100	10
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	0	D	%		50 - 113	
2-Fluorophenol	0	D	%		36 - 110	
Nitrobenzene-d5	0	D	%		45 - 112	
Phenol-d5	0	D	%		38 - 116	
Terphenyl-d14	0	D	%		10 - 121	
2,4,6-Tribromophenol	0	D	%		40 - 139	
Tentatively Identified Compounds				Cas Number	RT	
Benzothiazole	250	J N	ug/L	95-16-9	5.89	10
2(3H)-Benzothiazolone	410	J N	ug/L	934-34-9	7.91	10
Method: 8015B	Date Analyzed: 09/26/2007 2024					
Dibenzylamine	5.0	U	mg/L	5.0	5.0	1.0
Diethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dimethylamine	5.0	U	mg/L	5.0	5.0	1.0
Dibutyl amine	5.0	U	mg/L	5.0	5.0	1.0
Method: 630.1	Date Analyzed: 10/09/2007 1323					
Prep Method: 630.1	Date Prepared: 09/29/2007 1448					
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
Method: 8015B	Date Analyzed: 09/28/2007 1811					
Prep Method: 3520C	Date Prepared: 09/27/2007 1202					
Mineral oil	1.4		mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	106		%		30 - 165	
Method: Total Recoverable-6020	Date Analyzed: 10/04/2007 0959					
Prep Method: 3005A	Date Prepared: 09/27/2007 1218					
Nickel	0.0045		mg/L	0.00032	0.0010	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-017-GW
Lab Sample ID: 680-30446-4

Date Sampled: 09/21/2007 1430
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Sodium	44	mg/L	0.090	0.25	1.0
Zinc	0.11	mg/L	0.0065	0.020	1.0

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Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-017-GW
Lab Sample ID: 680-30446-4

Date Sampled: 09/21/2007 1430
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9034			Date Analyzed:		09/26/2007 1442	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
Method: 9038			Date Analyzed:		10/01/2007 1418	
Sulfate	130		mg/L	25	25	5.0

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575 Maryville Centre Dr.
Saint Louis, MO 63141

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-TB03
Lab Sample ID: 680-30446-5

Date Sampled: 09/21/2007 1445
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B				Date Analyzed:	10/02/2007 1727	
Prep Method: 5030B				Date Prepared:	10/02/2007 1727	
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	1.0	U	ug/L	0.32	1.0	1.0
Bromodichloromethane	1.0	U	ug/L	0.34	1.0	1.0
Bromoform	1.0	U	ug/L	0.41	1.0	1.0
Bromomethane	1.0	U	ug/L	0.50	1.0	1.0
Carbon disulfide	2.0	U	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	1.0	U	ug/L	0.34	1.0	1.0
Chloroethane	1.0	U	ug/L	1.0	1.0	1.0
Chloroform	1.0	U	ug/L	0.29	1.0	1.0
Chloromethane	1.0	U	ug/L	0.28	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	ug/L	0.33	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	ug/L	0.37	1.0	1.0
Cyclohexane	1.0	U	ug/L	1.0	1.0	1.0
Dibromochloromethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	ug/L	0.48	1.0	1.0
1,2-Dibromoethane	1.0	U	ug/L	0.30	1.0	1.0
1,2-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
1,3-Dichlorobenzene	1.0	U	ug/L	0.31	1.0	1.0
1,4-Dichlorobenzene	1.0	U	ug/L	0.33	1.0	1.0
Dichlorodifluoromethane	1.0	U	ug/L	0.33	1.0	1.0
1,1-Dichloroethane	1.0	U	ug/L	0.32	1.0	1.0
1,2-Dichloroethane	1.0	U	ug/L	0.31	1.0	1.0
1,1-Dichloroethene	1.0	U	ug/L	0.36	1.0	1.0
1,2-Dichloropropane	1.0	U	ug/L	0.36	1.0	1.0
Ethylbenzene	1.0	U	ug/L	0.30	1.0	1.0
2-Hexanone	10	U	ug/L	0.68	10	1.0
Isopropylbenzene	1.0	U	ug/L	0.27	1.0	1.0
Methyl acetate	1.0	U	ug/L	0.42	1.0	1.0
Methylcyclohexane	1.0	U	ug/L	0.25	1.0	1.0
Methylene Chloride	5.0	U	ug/L	1.0	5.0	1.0
Methyl ethyl ketone (MEK)	10	U	ug/L	0.60	10	1.0
Methyl isobutyl ketone (MIBK)	10	U	ug/L	0.60	10	1.0
Methyl tert-butyl ether	10	U	ug/L	0.58	10	1.0
Styrene	1.0	U	ug/L	0.36	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	ug/L	0.26	1.0	1.0
Tetrachloroethene	1.0	U	ug/L	0.28	1.0	1.0
Toluene	0.32	J	ug/L	0.31	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	ug/L	0.30	1.0	1.0

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

Job Number: 680-30446-1
Sdg Number: FLX014

Client Sample ID: TE-TB03
Lab Sample ID: 680-30446-5

Date Sampled: 09/21/2007 1445
Date Received: 09/26/2007 1150
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
trans-1,3-Dichloropropene	1.0	U	ug/L	0.27	1.0	1.0
1,2,4-Trichlorobenzene	1.0	U	ug/L	0.35	1.0	1.0
1,1,1-Trichloroethane	1.0	U	ug/L	0.39	1.0	1.0
1,1,2-Trichloroethane	1.0	U	ug/L	0.51	1.0	1.0
Trichloroethene	1.0	U	ug/L	0.40	1.0	1.0
Trichlorofluoromethane	1.0	U	ug/L	0.29	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	ug/L	0.35	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	ug/L	0.27	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	ug/L	0.28	1.0	1.0
Vinyl chloride	1.0	U	ug/L	0.20	1.0	1.0
Xylenes, Total	2.0	U	ug/L	0.87	2.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	94		%		75 - 120	
Dibromofluoromethane	98		%		75 - 121	
Toluene-d8 (Surr)	91		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon Dioxide	28	B J N	ug/L	124-38-9	0.90	1.0
Unknown Alkyl Benzene	6.8	J	ug/L		8.76	1.0
Unknown Alkyl Benzene	13	J	ug/L		9.10	1.0
Unknown Alkyl Benzene	5.2	J	ug/L		9.19	1.0

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Tellurium Semi-Quantitative Results

SDG FLX014

Sample ID	Lab Sample ID	Analysis time	Operator	Dilution factor	Prep batch	Tellurium 128	Q	Units
TE-020-GW	680-30446-1	10/17/07 1234	CME	1	680-86682	0.0025	U	mg/L
TE-019-GW	680-30446-2	10/17/07 1301	CME	1	680-86682	0.0025	U	mg/L
TE-018-GW	680-30446-3	10/17/07 1307	CME	1	680-86682	0.0025	U	mg/L
TE-017-GW	680-30446-4	10/17/07 1312	CME	1	680-86682	0.0025	U	mg/L

DATA REPORTING QUALIFIERS

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

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

DATA REPORTING QUALIFIERS

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Section	Qualifier	Description
GC Semi VOA	U	Indicates the analyte was analyzed for but not detected.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
Metals	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: 680-30446-1

Sdg Number: FLX014

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:680-87151					
LCS 680-87151/16	Lab Control Spike	T	Water	8260B	
MB 680-87151/17	Method Blank	T	Water	8260B	
680-30446-1	TE-020-GW	T	Water	8260B	
Analysis Batch:680-87230					
LCS 680-87230/3	Lab Control Spike	T	Water	8260B	
MB 680-87230/5	Method Blank	T	Water	8260B	
680-30446-2	TE-019-GW	T	Water	8260B	
680-30446-3	TE-018-GW	T	Water	8260B	
680-30446-4	TE-017-GW	T	Water	8260B	
680-30446-5TB	TE-TB03	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 680-86620					
LCS 680-86620/8-A	Lab Control Spike	T	Water	3520C	
MB 680-86620/7-A	Method Blank	T	Water	3520C	
680-30446-1	TE-020-GW	T	Water	3520C	
680-30446-2	TE-019-GW	T	Water	3520C	
680-30446-3	TE-018-GW	T	Water	3520C	
680-30446-4	TE-017-GW	T	Water	3520C	
Analysis Batch:680-86967					
LCS 680-86620/8-A	Lab Control Spike	T	Water	8270C	680-86620
MB 680-86620/7-A	Method Blank	T	Water	8270C	680-86620
680-30446-1	TE-020-GW	T	Water	8270C	680-86620
680-30446-3	TE-018-GW	T	Water	8270C	680-86620
Analysis Batch:680-87266					
680-30446-2	TE-019-GW	T	Water	8270C	680-86620
680-30446-4	TE-017-GW	T	Water	8270C	680-86620
Prep Batch: 680-87340					
LCS 680-87340/11-A	Lab Control Spike	T	Water	3520C	
MB 680-87340/10-A	Method Blank	T	Water	3520C	
680-30446-1RE	TE-020-GW	T	Water	3520C	
Analysis Batch:680-88044					
LCS 680-87340/11-A	Lab Control Spike	T	Water	8270C	680-87340
MB 680-87340/10-A	Method Blank	T	Water	8270C	680-87340
680-30446-1RE	TE-020-GW	T	Water	8270C	680-87340

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

QC Association Summary

Lab Sample ID	Client Sample ID	Report	Client Matrix	Method	Prep Batch
		Basis			
GC VOA					
Analysis Batch:680-87498					
LCS 680-87498/13	Lab Control Spike	T	Water	8015B	
LCS 680-87498/7	Lab Control Spike	T	Water	8015B	
MB 680-87498/2	Method Blank	T	Water	8015B	
680-30446-1	TE-020-GW	T	Water	8015B	
680-30446-2	TE-019-GW	T	Water	8015B	
680-30446-3	TE-018-GW	T	Water	8015B	
680-30446-4	TE-017-GW	T	Water	8015B	
Analysis Batch:680-87499					
LCS 680-87499/3	Lab Control Spike	T	Water	8015B	
LCS 680-87499/4	Lab Control Spike	T	Water	8015B	
MB 680-87499/5	Method Blank	T	Water	8015B	
680-30446-1MS	Matrix Spike	T	Water	8015B	
680-30446-1MSD	Matrix Spike Duplicate	T	Water	8015B	

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC Semi VOA					
Prep Batch: 680-86624					
LCS 680-86624/8-A	Lab Control Spike	T	Water	3520C	
MB 680-86624/6-A	Method Blank	T	Water	3520C	
680-30446-1	TE-020-GW	T	Water	3520C	
680-30446-2	TE-019-GW	T	Water	3520C	
680-30446-3	TE-018-GW	T	Water	3520C	
680-30446-4	TE-017-GW	T	Water	3520C	
Analysis Batch:680-86882					
LCS 680-86624/8-A	Lab Control Spike	T	Water	8015B	680-86624
MB 680-86624/6-A	Method Blank	T	Water	8015B	680-86624
680-30446-1	TE-020-GW	T	Water	8015B	680-86624
680-30446-3	TE-018-GW	T	Water	8015B	680-86624
680-30446-4	TE-017-GW	T	Water	8015B	680-86624
Prep Batch: 680-86887					
LCS 680-86887/21-A	Lab Control Spike	T	Water	630.1	
MB 680-86887/20-A	Method Blank	T	Water	630.1	
680-30446-1	TE-020-GW	T	Water	630.1	
680-30446-1MS	Matrix Spike	T	Water	630.1	
680-30446-1MSD	Matrix Spike Duplicate	T	Water	630.1	
680-30446-2	TE-019-GW	T	Water	630.1	
680-30446-3	TE-018-GW	T	Water	630.1	
680-30446-4	TE-017-GW	T	Water	630.1	
Analysis Batch:680-86889					
680-30446-2	TE-019-GW	T	Water	8015B	680-86624
Analysis Batch:680-87699					
LCS 680-86887/21-A	Lab Control Spike	T	Water	630.1	680-86887
MB 680-86887/20-A	Method Blank	T	Water	630.1	680-86887
680-30446-1	TE-020-GW	T	Water	630.1	680-86887
680-30446-1MS	Matrix Spike	T	Water	630.1	680-86887
680-30446-1MSD	Matrix Spike Duplicate	T	Water	630.1	680-86887
680-30446-2	TE-019-GW	T	Water	630.1	680-86887
680-30446-3	TE-018-GW	T	Water	630.1	680-86887
680-30446-4	TE-017-GW	T	Water	630.1	680-86887

Report Basis

T = Total

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
Metals					
Prep Batch: 680-86682					
LCS 680-86682/8-A	Lab Control Spike	R	Water	3005A	
MB 680-86682/7-A	Method Blank	R	Water	3005A	
680-30446-1	TE-020-GW	R	Water	3005A	
680-30446-1MS	Matrix Spike	R	Water	3005A	
680-30446-1MSD	Matrix Spike Duplicate	R	Water	3005A	
680-30446-2	TE-019-GW	R	Water	3005A	
680-30446-3	TE-018-GW	R	Water	3005A	
680-30446-4	TE-017-GW	R	Water	3005A	
Analysis Batch:680-87552					
LCS 680-86682/8-A	Lab Control Spike	R	Water	6020	680-86682
MB 680-86682/7-A	Method Blank	R	Water	6020	680-86682
680-30446-1	TE-020-GW	R	Water	6020	680-86682
680-30446-1MS	Matrix Spike	R	Water	6020	680-86682
680-30446-1MSD	Matrix Spike Duplicate	R	Water	6020	680-86682
680-30446-2	TE-019-GW	R	Water	6020	680-86682
680-30446-3	TE-018-GW	R	Water	6020	680-86682
680-30446-4	TE-017-GW	R	Water	6020	680-86682

Report Basis

R = Total Recoverable

General Chemistry

Analysis Batch: 680-86616

LCS 680-86616/2	Lab Control Spike	T	Water	9034	
LCSD 680-86616/3	Lab Control Spike Duplicate	T	Water	9034	
MB 680-86616/1	Method Blank	T	Water	9034	
680-30446-1	TE-020-GW	T	Water	9034	
680-30446-2	TE-019-GW	T	Water	9034	
680-30446-3	TE-018-GW	T	Water	9034	
680-30446-4	TE-017-GW	T	Water	9034	

Analysis Batch: 680-87077

LCS 680-87077/2	Lab Control Spike	T	Water	9038	
MB 680-87077/1	Method Blank	T	Water	9038	
680-30446-1	TE-020-GW	T	Water	9038	
680-30446-2	TE-019-GW	T	Water	9038	
680-30446-3	TE-018-GW	T	Water	9038	
680-30446-4	TE-017-GW	T	Water	9038	

Report Basis

T = Total

TestAmerica Savannah

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>BFB %Rec</u>	<u>DBFM %Rec</u>	<u>TOL %Rec</u>
LCS 680-87151/16		88	90	93
LCS 680-87230/3		95	94	93
MB 680-87151/17		96	105	93
MB 680-87230/5		95	101	95
680-30446-1	TE-020-GW	93	98	89
680-30446-2	TE-019-GW	96	102	93
680-30446-3	TE-018-GW	94	100	92
680-30446-4	TE-017-GW	94	102	93
680-30446-5	TE-TB03	94	98	91

<u>Surrogate</u>	<u>Acceptance Limits</u>
BFB	75 - 120
DBFM	75 - 121
TOL	75 - 120

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Surrogate Recovery Report

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

Client Matrix: Water

<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>
LCS 680-86620/8-A		69	65	71	73	102	78
LCS 680-87340/11-A		76	83	74	82	86	96
MB 680-86620/7-A		70	60	70	73	91	89
MB 680-87340/10-A		61	69	65	68	69	104
680-30446-1	TE-020-GW	3 X	54	69	4 X	22 X	78
680-30446-1 RE	TE-020-GW	4 X	61	57	5 X	21 X	93
680-30446-2	TE-019-GW	0 D	0 D	0 D	0 D	0 D	0 D
680-30446-3	TE-018-GW	67	59	72	71	102	85
680-30446-4	TE-017-GW	0 D	0 D	0 D	0 D	0 D	0 D

<u>Surrogate</u>	<u>Acceptance Limits</u>
2FP	2-Fluorophenol 36 - 110
FBP	2-Fluorobiphenyl 50 - 113
NBZ	Nitrobenzene-d5 45 - 112
PHL	Phenol-d5 38 - 116
TBP	2,4,6-Tribromophenol 40 - 139
TPH	Terphenyl-d14 10 - 121

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Surrogate Recovery Report

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

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>OTPH1 %Rec</u>
LCS 680-86624/8-A		93
MB 680-86624/6-A		92
680-30446-1	TE-020-GW	97
680-30446-2	TE-019-GW	0 D
680-30446-3	TE-018-GW	94
680-30446-4	TE-017-GW	106

<u>Surrogate</u>	<u>Acceptance Limits</u>
OTPH o-Terphenyl	30 - 165

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87151

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-87151/17

Analysis Batch: 680-87151

Instrument ID: GC/MS Volatiles - A C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: aq406.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 0231

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 0231

Analyte	Result	Qual	MDL	RL
Acetone	25	U	5.0	25
Benzene	1.0	U	0.32	1.0
Bromodichloromethane	1.0	U	0.34	1.0
Bromoform	1.0	U	0.41	1.0
Bromomethane	1.0	U	0.50	1.0
Carbon disulfide	2.0	U	0.17	2.0
Carbon tetrachloride	1.0	U	0.27	1.0
Chlorobenzene	1.0	U	0.34	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.33	1.0
cis-1,3-Dichloropropene	1.0	U	0.37	1.0
Cyclohexane	1.0	U	1.0	1.0
Dibromochloromethane	1.0	U	0.30	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.48	1.0
1,2-Dibromoethane	1.0	U	0.30	1.0
1,2-Dichlorobenzene	1.0	U	0.33	1.0
1,3-Dichlorobenzene	1.0	U	0.31	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
Dichlorodifluoromethane	1.0	U	0.33	1.0
1,1-Dichloroethane	1.0	U	0.32	1.0
1,2-Dichloroethane	1.0	U	0.31	1.0
1,1-Dichloroethene	1.0	U	0.36	1.0
1,2-Dichloropropane	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.30	1.0
2-Hexanone	10	U	0.68	10
Isopropylbenzene	1.0	U	0.27	1.0
Methyl acetate	1.0	U	0.42	1.0
Methylcyclohexane	1.0	U	0.25	1.0
Methylene Chloride	5.0	U	1.0	5.0
Methyl ethyl ketone (MEK)	10	U	0.60	10
Methyl isobutyl ketone (MIBK)	10	U	0.60	10
Methyl tert-butyl ether	10	U	0.58	10
Styrene	1.0	U	0.36	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.26	1.0
Tetrachloroethene	1.0	U	0.28	1.0
Toluene	1.0	U	0.31	1.0
trans-1,2-Dichloroethene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.27	1.0
1,2,4-Trichlorobenzene	1.0	U	0.35	1.0

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87151

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-87151/17

Analysis Batch: 680-87151

Instrument ID: GC/MS Volatiles - A C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: aq406.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 0231

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 0231

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.39	1.0
1,1,2-Trichloroethane	1.0	U	0.51	1.0
Trichloroethene	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.29	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.35	1.0
1,2,4-Trimethylbenzene	1.0	U	0.27	1.0
1,3,5-Trimethylbenzene	1.0	U	0.28	1.0
Vinyl chloride	1.0	U	0.20	1.0
Xylenes, Total	2.0	U	0.87	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	75 - 120
Dibromofluoromethane	105	75 - 121
Toluene-d8 (Surr)	93	75 - 120

Method Blank TICs- Batch: 680-87151

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon Dioxide	0.88	150	J N

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-87151

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87151/16

Analysis Batch: 680-87151

Instrument ID: GC/MS Volatiles - A C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: aq404.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 0035

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 0035

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	115	115	17 - 175	
Benzene	50.0	42.5	85	77 - 119	
Bromodichloromethane	50.0	50.4	101	78 - 127	
Bromoform	50.0	40.8	82	62 - 133	
Bromomethane	50.0	27.9	56	12 - 184	
Carbon disulfide	50.0	45.6	91	55 - 131	
Carbon tetrachloride	50.0	47.6	95	71 - 135	
Chlorobenzene	50.0	45.1	90	85 - 116	
Chloroethane	50.0	41.6	83	40 - 165	
Chloroform	50.0	46.3	93	82 - 120	
Chloromethane	50.0	48.6	97	48 - 142	
cis-1,2-Dichloroethene	50.0	44.7	89	69 - 134	
cis-1,3-Dichloropropene	50.0	49.9	100	76 - 126	
Cyclohexane	50.0	51.3	103	54 - 138	
Dibromochloromethane	50.0	40.8	82	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	50.7	101	49 - 140	
1,2-Dibromoethane	50.0	47.3	95	80 - 121	
1,2-Dichlorobenzene	50.0	40.3	81	79 - 124	
1,3-Dichlorobenzene	50.0	41.8	84	78 - 125	
1,4-Dichlorobenzene	50.0	41.2	82	81 - 122	
Dichlorodifluoromethane	50.0	41.3	83	34 - 154	
1,1-Dichloroethane	50.0	40.7	81	74 - 127	
1,2-Dichloroethane	50.0	45.8	92	66 - 132	
1,1-Dichloroethene	50.0	42.6	85	62 - 141	
1,2-Dichloropropane	50.0	48.6	97	73 - 124	
Ethylbenzene	50.0	45.0	90	86 - 116	
2-Hexanone	100	112	112	34 - 161	
Isopropylbenzene	50.0	45.6	91	82 - 121	
Methyl acetate	50.0	47.4	95	22 - 160	
Methylcyclohexane	50.0	50.1	100	67 - 129	
Methylene Chloride	50.0	45.7	91	70 - 125	
Methyl ethyl ketone (MEK)	100	110	110	33 - 157	
Methyl isobutyl ketone (MIBK)	100	105	105	40 - 151	
Methyl tert-butyl ether	100	95.0	95	77 - 121	
Styrene	50.0	46.3	93	82 - 122	
1,1,2,2-Tetrachloroethane	50.0	44.3	89	69 - 129	
Tetrachloroethene	50.0	46.0	92	76 - 126	
Toluene	50.0	44.0	88	81 - 117	
trans-1,2-Dichloroethene	50.0	43.9	88	72 - 131	
trans-1,3-Dichloropropene	50.0	49.0	98	73 - 128	
1,2,4-Trichlorobenzene	50.0	47.7	95	60 - 135	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-87151

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87151/16

Analysis Batch: 680-87151

Instrument ID: GC/MS Volatiles - A C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: aq404.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 0035

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 0035

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	46.3	93	76 - 127	
1,1,2-Trichloroethane	50.0	45.9	92	75 - 121	
Trichloroethene	50.0	45.4	91	84 - 115	
Trichlorofluoromethane	50.0	47.2	94	58 - 149	
1,2,4-Trimethylbenzene	50.0	46.3	93	72 - 132	
1,3,5-Trimethylbenzene	50.0	46.8	94	72 - 133	
Vinyl chloride	50.0	52.0	104	59 - 144	
Xylenes, Total	150	135	90	84 - 118	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	88		75 - 120		
Dibromofluoromethane	90		75 - 121		
Toluene-d8 (Surr)	93		75 - 120		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87230

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-87230/5

Analysis Batch: 680-87230

Instrument ID: GC/MS Volatiles - A C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: aq418.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 1305

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 1305

Analyte	Result	Qual	MDL	RL
Acetone	25	U	5.0	25
Benzene	1.0	U	0.32	1.0
Bromodichloromethane	1.0	U	0.34	1.0
Bromoform	1.0	U	0.41	1.0
Bromomethane	1.0	U	0.50	1.0
Carbon disulfide	2.0	U	0.17	2.0
Carbon tetrachloride	1.0	U	0.27	1.0
Chlorobenzene	1.0	U	0.34	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.33	1.0
cis-1,3-Dichloropropene	1.0	U	0.37	1.0
Cyclohexane	1.0	U	1.0	1.0
Dibromochloromethane	1.0	U	0.30	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.48	1.0
1,2-Dibromoethane	1.0	U	0.30	1.0
1,2-Dichlorobenzene	1.0	U	0.33	1.0
1,3-Dichlorobenzene	1.0	U	0.31	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
Dichlorodifluoromethane	1.0	U	0.33	1.0
1,1-Dichloroethane	1.0	U	0.32	1.0
1,2-Dichloroethane	1.0	U	0.31	1.0
1,1-Dichloroethene	1.0	U	0.36	1.0
1,2-Dichloropropane	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.30	1.0
2-Hexanone	10	U	0.68	10
Isopropylbenzene	1.0	U	0.27	1.0
Methyl acetate	1.0	U	0.42	1.0
Methylcyclohexane	1.0	U	0.25	1.0
Methylene Chloride	5.0	U	1.0	5.0
Methyl ethyl ketone (MEK)	10	U	0.60	10
Methyl isobutyl ketone (MIBK)	10	U	0.60	10
Methyl tert-butyl ether	10	U	0.58	10
Styrene	1.0	U	0.36	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.26	1.0
Tetrachloroethene	1.0	U	0.28	1.0
Toluene	1.0	U	0.31	1.0
trans-1,2-Dichloroethene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.27	1.0
1,2,4-Trichlorobenzene	1.0	U	0.35	1.0

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87230

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-87230/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/02/2007 1305
Date Prepared: 10/02/2007 1305

Analysis Batch: 680-87230
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq418.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.39	1.0
1,1,2-Trichloroethane	1.0	U	0.51	1.0
Trichloroethene	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.29	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.35	1.0
1,2,4-Trimethylbenzene	1.0	U	0.27	1.0
1,3,5-Trimethylbenzene	1.0	U	0.28	1.0
Vinyl chloride	1.0	U	0.20	1.0
Xylenes, Total	2.0	U	0.87	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	75 - 120
Dibromofluoromethane	101	75 - 121
Toluene-d8 (Surr)	95	75 - 120

Method Blank TICs- Batch: 680-87230

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon Dioxide	0.88	150	J N

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-87230

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87230/3

Analysis Batch: 680-87230

Instrument ID: GC/MS Volatiles - A C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: aq412.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 1115

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 1115

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	90.8	91	17 - 175	
Benzene	50.0	45.1	90	77 - 119	
Bromodichloromethane	50.0	50.7	101	78 - 127	
Bromoform	50.0	44.8	90	62 - 133	
Bromomethane	50.0	23.3	47	12 - 184	
Carbon disulfide	50.0	40.5	81	55 - 131	
Carbon tetrachloride	50.0	47.2	94	71 - 135	
Chlorobenzene	50.0	48.3	97	85 - 116	
Chloroethane	50.0	38.4	77	40 - 165	
Chloroform	50.0	48.6	97	82 - 120	
Chloromethane	50.0	41.5	83	48 - 142	
cis-1,2-Dichloroethene	50.0	46.6	93	69 - 134	
cis-1,3-Dichloropropene	50.0	52.6	105	76 - 126	
Cyclohexane	50.0	45.8	92	54 - 138	
Dibromochloromethane	50.0	44.5	89	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	51.5	103	49 - 140	
1,2-Dibromoethane	50.0	50.9	102	80 - 121	
1,2-Dichlorobenzene	50.0	44.0	88	79 - 124	
1,3-Dichlorobenzene	50.0	44.2	88	78 - 125	
1,4-Dichlorobenzene	50.0	44.6	89	81 - 122	
Dichlorodifluoromethane	50.0	32.5	65	34 - 154	
1,1-Dichloroethane	50.0	45.8	92	74 - 127	
1,2-Dichloroethane	50.0	45.2	90	66 - 132	
1,1-Dichloroethene	50.0	39.9	80	62 - 141	
1,2-Dichloropropane	50.0	49.5	99	73 - 124	
Ethylbenzene	50.0	48.2	96	86 - 116	
2-Hexanone	100	102	102	34 - 161	
Isopropylbenzene	50.0	48.5	97	82 - 121	
Methyl acetate	50.0	49.2	98	22 - 160	
Methylcyclohexane	50.0	48.9	98	67 - 129	
Methylene Chloride	50.0	49.4	99	70 - 125	
Methyl ethyl ketone (MEK)	100	103	103	33 - 157	
Methyl isobutyl ketone (MIBK)	100	108	108	40 - 151	
Methyl tert-butyl ether	100	101	101	77 - 121	
Styrene	50.0	47.1	94	82 - 122	
1,1,2,2-Tetrachloroethane	50.0	48.9	98	69 - 129	
Tetrachloroethene	50.0	46.8	94	76 - 126	
Toluene	50.0	46.4	93	81 - 117	
trans-1,2-Dichloroethene	50.0	41.1	82	72 - 131	
trans-1,3-Dichloropropene	50.0	52.8	106	73 - 128	
1,2,4-Trichlorobenzene	50.0	50.6	101	60 - 135	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-87230

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87230/3

Analysis Batch: 680-87230

Instrument ID: GC/MS Volatiles - A C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: aq412.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 1115

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 1115

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	44.6	89	76 - 127	
1,1,2-Trichloroethane	50.0	51.4	103	75 - 121	
Trichloroethene	50.0	47.2	94	84 - 115	
Trichlorofluoromethane	50.0	39.1	78	58 - 149	
1,2,4-Trimethylbenzene	50.0	49.0	98	72 - 132	
1,3,5-Trimethylbenzene	50.0	48.3	97	72 - 133	
Vinyl chloride	50.0	42.1	84	59 - 144	
Xylenes, Total	150	141	94	84 - 118	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	95		75 - 120		
Dibromofluoromethane	94		75 - 121		
Toluene-d8 (Surr)	93		75 - 120		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-86620

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 680-86620/7-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/01/2007 1730

Date Prepared: 09/27/2007 1202

Analysis Batch: 680-86967

Prep Batch: 680-86620

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3639.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	10	U	0.50	10
Acenaphthylene	10	U	0.50	10
Acetophenone	10	U	0.50	10
Aniline	20	U	8.6	20
Anthracene	10	U	0.50	10
Atrazine	10	U	4.0	10
Benzaldehyde	10	U	1.3	10
Benzidine	80	U	4.1	80
Benzo[a]anthracene	10	U	0.50	10
Benzo[a]pyrene	10	U	0.50	10
Benzo[b]fluoranthene	10	U	0.67	10
Benzo[g,h,i]perylene	10	U	0.67	10
Benzo[k]fluoranthene	10	U	0.50	10
Benzyl alcohol	10	U	0.80	10
1,1'-Biphenyl	10	U	0.50	10
Bis(2-chloroethoxy)methane	10	U	0.50	10
Bis(2-chloroethyl)ether	10	U	0.59	10
Bis(2-ethylhexyl) phthalate	10	U	0.94	10
4-Bromophenyl phenyl ether	10	U	0.50	10
Butyl benzyl phthalate	10	U	0.74	10
Caprolactam	10	U	5.0	10
4-Chloroaniline	20	U	4.8	20
4-Chloro-3-methylphenol	10	U	0.52	10
2-Chloronaphthalene	10	U	0.50	10
2-Chlorophenol	10	U	1.0	10
4-Chlorophenyl phenyl ether	10	U	1.0	10
Chrysene	10	U	0.50	10
Dibenz(a,h)anthracene	10	U	0.50	10
Dibenzofuran	10	U	0.50	10
3,3'-Dichlorobenzidine	20	U	3.2	20
2,4-Dichlorophenol	10	U	1.0	10
Diethyl phthalate	10	U	0.50	10
2,4-Dimethylphenol	10	U	1.1	10
Dimethyl phthalate	10	U	5.0	10
Di-n-butyl phthalate	10	U	0.50	10
4,6-Dinitro-2-methylphenol	50	U	5.0	50
2,4-Dinitrophenol	50	U	10	50
2,4-Dinitrotoluene	10	U	0.50	10
2,6-Dinitrotoluene	10	U	0.50	10
Di-n-octyl phthalate	10	U	0.76	10
1,4-Dioxane	10	U	2.6	10

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-86620

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 680-86620/7-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/01/2007 1730

Date Prepared: 09/27/2007 1202

Analysis Batch: 680-86967

Prep Batch: 680-86620

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3639.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Fluoranthene	10	U	0.50	10
Fluorene	10	U	0.50	10
Hexachlorobenzene	10	U	0.50	10
Hexachlorobutadiene	10	U	5.0	10
Hexachlorocyclopentadiene	10	U	5.0	10
Hexachloroethane	10	U	0.50	10
Indeno[1,2,3-cd]pyrene	10	U	0.86	10
Isophorone	10	U	0.50	10
Mercaptobenzothiazole	50	U	50	50
2-Methylnaphthalene	10	U	0.50	10
2-Methylphenol	10	U	0.64	10
3 & 4 Methylphenol	10	U	1.0	10
Naphthalene	10	U	0.50	10
2-Nitroaniline	50	U	5.0	50
3-Nitroaniline	50	U	2.8	50
4-Nitroaniline	50	U	2.0	50
Nitrobenzene	10	U	0.50	10
2-Nitrophenol	10	U	5.0	10
4-Nitrophenol	50	U	10	50
N-Nitrosodimethylamine	10	U	1.2	10
N-Nitrosodi-n-propylamine	10	U	0.50	10
N-Nitrosodiphenylamine	10	U	0.73	10
2,2'-oxybis[1-chloropropane]	10	U	0.50	10
Pentachlorophenol	50	U	5.0	50
Phenanthrene	10	U	0.50	10
Phenol	10	U	0.50	10
Pyrene	10	U	0.50	10
2,4,5-Trichlorophenol	10	U	0.80	10
2,4,6-Trichlorophenol	10	U	0.50	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	60	50 - 113
2-Fluorophenol	70	36 - 110
Nitrobenzene-d5	70	45 - 112
Phenol-d5	73	38 - 116
Terphenyl-d14	89	10 - 121
2,4,6-Tribromophenol	91	40 - 139

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank TICs- Batch: 680-86620

Cas Number	Analyte	RT	Est. Result	Qual
791-28-6	Phosphine oxide, triphenyl-	10.91	26	J N
	Unknown Aldol Condensate	3.19	35	A J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-86620

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 680-86620/8-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/01/2007 1752

Date Prepared: 09/27/2007 1202

Analysis Batch: 680-86967

Prep Batch: 680-86620

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3640.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	100	77.6	78	45 - 117	
Acenaphthylene	100	62.4	62	51 - 112	
Acetophenone	100	33.7	34	48 - 110	*
Aniline	100	57.7	58	10 - 114	
Anthracene	100	77.3	77	52 - 116	
Atrazine	100	102	102	45 - 140	
Benzaldehyde	100	52.3	52	27 - 160	
Benzidine	100	56.0	56	10 - 110	J
Benzo[a]anthracene	100	86.2	86	49 - 124	
Benzo[a]pyrene	100	77.1	77	48 - 120	
Benzo[b]fluoranthene	100	84.5	84	46 - 126	
Benzo[g,h,i]perylene	100	76.3	76	51 - 117	
Benzo[k]fluoranthene	100	72.7	73	47 - 126	
Benzyl alcohol	100	72.3	72	34 - 113	
1,1'-Biphenyl	100	65.5	66	47 - 112	
Bis(2-chloroethoxy)methane	100	76.1	76	50 - 112	
Bis(2-chloroethyl)ether	100	63.2	63	43 - 110	
Bis(2-ethylhexyl) phthalate	100	74.3	74	47 - 134	
4-Bromophenyl phenyl ether	100	65.7	66	42 - 110	
Butyl benzyl phthalate	100	88.7	89	52 - 135	
Caprolactam	100	89.6	90	29 - 128	
4-Chloroaniline	100	62.8	63	10 - 110	
4-Chloro-3-methylphenol	100	85.7	86	46 - 118	
2-Chloronaphthalene	100	76.5	77	47 - 110	
2-Chlorophenol	100	74.1	74	47 - 110	
4-Chlorophenyl phenyl ether	100	84.3	84	46 - 114	
Chrysene	100	83.5	84	51 - 123	
Dibenz(a,h)anthracene	100	78.8	79	46 - 124	
Dibenzofuran	100	81.1	81	50 - 112	
3,3'-Dichlorobenzidine	100	78.7	79	10 - 113	
2,4-Dichlorophenol	100	82.9	83	46 - 115	
Diethyl phthalate	100	85.3	85	51 - 119	
2,4-Dimethylphenol	100	67.1	67	36 - 110	
Dimethyl phthalate	100	83.6	84	50 - 116	
Di-n-butyl phthalate	100	72.1	72	49 - 123	
4,6-Dinitro-2-methylphenol	100	101	101	29 - 167	
2,4-Dinitrophenol	100	106	106	10 - 189	
2,4-Dinitrotoluene	100	93.1	93	49 - 128	
2,6-Dinitrotoluene	100	88.1	88	45 - 131	
Di-n-octyl phthalate	100	76.8	77	44 - 134	
1,4-Dioxane	100	45.2	45	11 - 110	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-86620

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 680-86620/8-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/01/2007 1752

Date Prepared: 09/27/2007 1202

Analysis Batch: 680-86967

Prep Batch: 680-86620

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3640.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	100	83.8	84	50 - 120	
Fluorene	100	82.0	82	50 - 115	
Hexachlorobenzene	100	82.9	83	48 - 119	
Hexachlorobutadiene	100	72.4	72	40 - 110	
Hexachlorocyclopentadiene	100	16.5	16	10 - 110	
Hexachloroethane	100	62.8	63	33 - 110	
Indeno[1,2,3-cd]pyrene	100	71.4	71	40 - 126	
Isophorone	100	74.1	74	50 - 111	
Mercaptobenzothiazole	100	49.9	50	70 - 130	U *
2-Methylnaphthalene	100	79.4	79	46 - 110	
2-Methylphenol	100	74.5	75	46 - 110	
3 & 4 Methylphenol	100	73.0	73	43 - 110	
Naphthalene	100	74.3	74	41 - 110	
2-Nitroaniline	100	77.5	78	45 - 122	
3-Nitroaniline	100	79.8	80	30 - 116	
4-Nitroaniline	100	91.0	91	36 - 125	
Nitrobenzene	100	69.1	69	46 - 110	
2-Nitrophenol	100	82.7	83	42 - 120	
4-Nitrophenol	100	79.3	79	30 - 122	
N-Nitrosodimethylamine	100	63.7	64	33 - 110	
N-Nitrosodi-n-propylamine	100	71.2	71	45 - 112	
N-Nitrosodiphenylamine	100	89.5	90	47 - 119	
2,2'-oxybis[1-chloropropane]	100	66.4	66	42 - 110	
Pentachlorophenol	100	86.1	86	37 - 132	
Phenanthrene	100	79.0	79	52 - 117	
Phenol	100	68.9	69	39 - 110	
Pyrene	100	81.2	81	52 - 125	
2,4,5-Trichlorophenol	100	89.3	89	47 - 122	
2,4,6-Trichlorophenol	100	74.7	75	46 - 120	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	65	50 - 113
2-Fluorophenol	69	36 - 110
Nitrobenzene-d5	71	45 - 112
Phenol-d5	73	38 - 116
Terphenyl-d14	78	10 - 121
2,4,6-Tribromophenol	102	40 - 139

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87340

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 680-87340/10-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/08/2007 1600

Date Prepared: 10/04/2007 1315

Analysis Batch: 680-88044

Prep Batch: 680-87340

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3727.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	10	U	0.50	10
Acenaphthylene	10	U	0.50	10
Acetophenone	10	U	0.50	10
Aniline	20	U	8.6	20
Anthracene	10	U	0.50	10
Atrazine	10	U	4.0	10
Benzaldehyde	10	U	1.3	10
Benzidine	80	U	4.1	80
Benzo[a]anthracene	10	U	0.50	10
Benzo[a]pyrene	10	U	0.50	10
Benzo[b]fluoranthene	10	U	0.67	10
Benzo[g,h,i]perylene	10	U	0.67	10
Benzo[k]fluoranthene	10	U	0.50	10
Benzyl alcohol	10	U	0.80	10
1,1'-Biphenyl	10	U	0.50	10
Bis(2-chloroethoxy)methane	10	U	0.50	10
Bis(2-chloroethyl)ether	10	U	0.59	10
Bis(2-ethylhexyl) phthalate	10	U	0.94	10
4-Bromophenyl phenyl ether	10	U	0.50	10
Butyl benzyl phthalate	10	U	0.74	10
Caprolactam	10	U	5.0	10
4-Chloroaniline	20	U	4.8	20
4-Chloro-3-methylphenol	10	U	0.52	10
2-Chloronaphthalene	10	U	0.50	10
2-Chlorophenol	10	U	1.0	10
4-Chlorophenyl phenyl ether	10	U	1.0	10
Chrysene	10	U	0.50	10
Dibenz(a,h)anthracene	10	U	0.50	10
Dibenzofuran	10	U	0.50	10
3,3'-Dichlorobenzidine	20	U	3.2	20
2,4-Dichlorophenol	10	U	1.0	10
Diethyl phthalate	10	U	0.50	10
2,4-Dimethylphenol	10	U	1.1	10
Dimethyl phthalate	10	U	5.0	10
Di-n-butyl phthalate	10	U	0.50	10
4,6-Dinitro-2-methylphenol	50	U	5.0	50
2,4-Dinitrophenol	50	U	10	50
2,4-Dinitrotoluene	10	U	0.50	10
2,6-Dinitrotoluene	10	U	0.50	10
Di-n-octyl phthalate	10	U	0.76	10
1,4-Dioxane	10	U	2.6	10

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87340

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 680-87340/10-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/08/2007 1600

Date Prepared: 10/04/2007 1315

Analysis Batch: 680-88044

Prep Batch: 680-87340

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3727.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Fluoranthene	10	U	0.50	10
Fluorene	10	U	0.50	10
Hexachlorobenzene	10	U	0.50	10
Hexachlorobutadiene	10	U	5.0	10
Hexachlorocyclopentadiene	10	U	5.0	10
Hexachloroethane	10	U	0.50	10
Indeno[1,2,3-cd]pyrene	10	U	0.86	10
Isophorone	10	U	0.50	10
Mercaptobenzothiazole	50	U	50	50
2-Methylnaphthalene	10	U	0.50	10
2-Methylphenol	10	U	0.64	10
3 & 4 Methylphenol	10	U	1.0	10
Naphthalene	10	U	0.50	10
2-Nitroaniline	50	U	5.0	50
3-Nitroaniline	50	U	2.8	50
4-Nitroaniline	50	U	2.0	50
Nitrobenzene	10	U	0.50	10
2-Nitrophenol	10	U	5.0	10
4-Nitrophenol	50	U	10	50
N-Nitrosodimethylamine	10	U	1.2	10
N-Nitrosodi-n-propylamine	10	U	0.50	10
N-Nitrosodiphenylamine	10	U	0.73	10
2,2'-oxybis[1-chloropropane]	10	U	0.50	10
Pentachlorophenol	50	U	5.0	50
Phenanthrene	10	U	0.50	10
Phenol	10	U	0.50	10
Pyrene	10	U	0.50	10
2,4,5-Trichlorophenol	10	U	0.80	10
2,4,6-Trichlorophenol	10	U	0.50	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	69	50 - 113
2-Fluorophenol	61	36 - 110
Nitrobenzene-d5	65	45 - 112
Phenol-d5	68	38 - 116
Terphenyl-d14	104	10 - 121
2,4,6-Tribromophenol	69	40 - 139

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank TICs- Batch: 680-87340

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	3.13	39	A J

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-87340

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 680-87340/11-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/08/2007 1644

Date Prepared: 10/04/2007 1315

Analysis Batch: 680-88044

Prep Batch: 680-87340

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3729.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	100	83.9	84	45 - 117	
Acenaphthylene	100	66.5	66	51 - 112	
Acetophenone	100	36.2	36	48 - 110	*
Aniline	100	72.6	73	10 - 114	
Anthracene	100	88.7	89	52 - 116	
Atrazine	100	109	109	45 - 140	
Benzaldehyde	100	49.2	49	27 - 160	
Benzidine	100	65.6	66	10 - 110	J
Benzo[a]anthracene	100	85.4	85	49 - 124	
Benzo[a]pyrene	100	82.6	83	48 - 120	
Benzo[b]fluoranthene	100	76.2	76	46 - 126	
Benzo[g,h,i]perylene	100	90.6	91	51 - 117	
Benzo[k]fluoranthene	100	100	100	47 - 126	
Benzyl alcohol	100	78.3	78	34 - 113	
1,1'-Biphenyl	100	81.4	81	47 - 112	
Bis(2-chloroethoxy)methane	100	85.1	85	50 - 112	
Bis(2-chloroethyl)ether	100	74.4	74	43 - 110	
Bis(2-ethylhexyl) phthalate	100	91.2	91	47 - 134	
4-Bromophenyl phenyl ether	100	75.2	75	42 - 110	
Butyl benzyl phthalate	100	97.3	97	52 - 135	
Caprolactam	100	84.7	85	29 - 128	
4-Chloroaniline	100	75.1	75	10 - 110	
4-Chloro-3-methylphenol	100	80.9	81	46 - 118	
2-Chloronaphthalene	100	81.3	81	47 - 110	
2-Chlorophenol	100	78.4	78	47 - 110	
4-Chlorophenyl phenyl ether	100	82.1	82	46 - 114	
Chrysene	100	98.8	99	51 - 123	
Dibenz(a,h)anthracene	100	81.5	81	46 - 124	
Dibenzofuran	100	84.7	85	50 - 112	
3,3'-Dichlorobenzidine	100	69.5	70	10 - 113	
2,4-Dichlorophenol	100	79.3	79	46 - 115	
Diethyl phthalate	100	84.5	84	51 - 119	
2,4-Dimethylphenol	100	71.5	72	36 - 110	
Dimethyl phthalate	100	84.6	85	50 - 116	
Di-n-butyl phthalate	100	88.9	89	49 - 123	
4,6-Dinitro-2-methylphenol	100	94.4	94	29 - 167	
2,4-Dinitrophenol	100	96.1	96	10 - 189	
2,4-Dinitrotoluene	100	90.5	90	49 - 128	
2,6-Dinitrotoluene	100	89.9	90	45 - 131	
Di-n-octyl phthalate	100	87.6	88	44 - 134	
1,4-Dioxane	100	57.2	57	11 - 110	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Lab Control Spike - Batch: 680-87340

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 680-87340/11-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/08/2007 1644

Date Prepared: 10/04/2007 1315

Analysis Batch: 680-88044

Prep Batch: 680-87340

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3729.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	100	88.8	89	50 - 120	
Fluorene	100	85.3	85	50 - 115	
Hexachlorobenzene	100	85.8	86	48 - 119	
Hexachlorobutadiene	100	67.4	67	40 - 110	
Hexachlorocyclopentadiene	100	31.6	32	10 - 110	
Hexachloroethane	100	61.4	61	33 - 110	
Indeno[1,2,3-cd]pyrene	100	82.1	82	40 - 126	
Isophorone	100	78.2	78	50 - 111	
Mercaptobenzothiazole	100	58.1	58	70 - 130	*
2-Methylnaphthalene	100	79.7	80	46 - 110	
2-Methylphenol	100	79.0	79	46 - 110	
3 & 4 Methylphenol	100	79.8	80	43 - 110	
Naphthalene	100	77.4	77	41 - 110	
2-Nitroaniline	100	81.4	81	45 - 122	
3-Nitroaniline	100	85.5	85	30 - 116	
4-Nitroaniline	100	86.7	87	36 - 125	
Nitrobenzene	100	74.1	74	46 - 110	
2-Nitrophenol	100	81.1	81	42 - 120	
4-Nitrophenol	100	78.0	78	30 - 122	
N-Nitrosodimethylamine	100	69.3	69	33 - 110	
N-Nitrosodi-n-propylamine	100	75.4	75	45 - 112	
N-Nitrosodiphenylamine	100	94.9	95	47 - 119	
2,2'-oxybis[1-chloropropane]	100	80.2	80	42 - 110	
Pentachlorophenol	100	84.3	84	37 - 132	
Phenanthrene	100	91.3	91	52 - 117	
Phenol	100	78.2	78	39 - 110	
Pyrene	100	93.1	93	52 - 125	
2,4,5-Trichlorophenol	100	84.4	84	47 - 122	
2,4,6-Trichlorophenol	100	82.0	82	46 - 120	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	83	50 - 113
2-Fluorophenol	76	36 - 110
Nitrobenzene-d5	74	45 - 112
Phenol-d5	82	38 - 116
Terphenyl-d14	96	10 - 121
2,4,6-Tribromophenol	86	40 - 139

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87498

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-87498/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/26/2007 1553
Date Prepared: N/A

Analysis Batch: 680-87498
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP26G11.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 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: 680-87498

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87498/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/26/2007 0821
Date Prepared: N/A

Analysis Batch: 680-87498
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP26G2.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	48.3	121	50 - 150	
Dimethylamine	40.0	38.8	97	50 - 150	

Lab Control Spike - Batch: 680-87498

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87498/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/26/2007 1445
Date Prepared: N/A

Analysis Batch: 680-87498
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP26G9.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibenzylamine	40.0	42.9	107	50 - 150	
Dibutyl amine	40.0	47.4	118	50 - 150	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87499

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-87499/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2007 0420
Date Prepared: N/A

Analysis Batch: 680-87499
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP26G33.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 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: 680-87499

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87499/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2007 0238
Date Prepared: N/A

Analysis Batch: 680-87499
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP26G30.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	47.4	119	50 - 150	
Dimethylamine	40.0	40.1	100	50 - 150	

Lab Control Spike - Batch: 680-87499

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-87499/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2007 0312
Date Prepared: N/A

Analysis Batch: 680-87499
Prep Batch: N/A
Units: mg/L

Instrument ID: GC Volatiles - G FID1
Lab File ID: SP26G31.d
Initial Weight/Volume:
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibenzylamine	40.0	44.5	111	50 - 150	
Dibutyl amine	40.0	38.3	96	50 - 150	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-87499

Method: 8015B

Preparation: N/A

MS Lab Sample ID: 680-30446-1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 09/27/2007 0454
 Date Prepared: N/A

Analysis Batch: 680-87499
 Prep Batch: N/A

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP26G34.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

MSD Lab Sample ID: 680-30446-1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 09/27/2007 0528
 Date Prepared: N/A

Analysis Batch: 680-87499
 Prep Batch: N/A

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP26G35.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diethylamine	132	129	50 - 150	2	50		
Dimethylamine	101	102	50 - 150	1	50		

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-87499

Method: 8015B

Preparation: N/A

MS Lab Sample ID: 680-30446-1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 09/27/2007 0602
 Date Prepared: N/A

Analysis Batch: 680-87499
 Prep Batch: N/A

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP26G36.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

MSD Lab Sample ID: 680-30446-1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 09/27/2007 0636
 Date Prepared: N/A

Analysis Batch: 680-87499
 Prep Batch: N/A

Instrument ID: GC Volatiles - G FID1
 Lab File ID: SP26G37.d
 Initial Weight/Volume:
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dibenzylamine	89	104	50 - 150	15	50		
Dibutyl amine	105	116	50 - 150	9	50		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-86887

Method: 630.1

Preparation: 630.1

Lab Sample ID: MB 680-86887/20-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/09/2007 1047
Date Prepared: 09/29/2007 1448

Analysis Batch: 680-87699
Prep Batch: 680-86887
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 mL
Final Weight/Volume: 25.0 mL
Injection Volume:

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

Lab Control Spike - Batch: 680-86887

Method: 630.1

Preparation: 630.1

Lab Sample ID: LCS 680-86887/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/09/2007 1132
Date Prepared: 09/29/2007 1448

Analysis Batch: 680-87699
Prep Batch: 680-86887
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 mL
Final Weight/Volume: 25.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dithiocarbamates, Total	100	87.0	87	70 - 130	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-86887

Method: 630.1

Preparation: 630.1

MS Lab Sample ID: 680-30446-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/09/2007 1705
Date Prepared: 09/29/2007 1448

Analysis Batch: 680-87699
Prep Batch: 680-86887

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 mL
Final Weight/Volume: 25.0 mL
Injection Volume:

MSD Lab Sample ID: 680-30446-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/09/2007 1727
Date Prepared: 09/29/2007 1448

Analysis Batch: 680-87699
Prep Batch: 680-86887

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 mL
Final Weight/Volume: 25.0 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dithiocarbamates, Total	114	117	70 - 130	3	30		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-86624

Method: 8015B
Preparation: 3520C

Lab Sample ID: MB 680-86624/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2007 1642
Date Prepared: 09/27/2007 1202

Analysis Batch: 680-86882
Prep Batch: 680-86624
Units: mg/L

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qi280011.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Oil Range Organics (C20-C36)	0.50	U	0.15	0.50
Mineral oil	0.50	U	0.50	0.50
Surrogate	% Rec		Acceptance Limits	
o-Terphenyl	92		30 - 165	

Lab Control Spike - Batch: 680-86624

Method: 8015B
Preparation: 3520C

Lab Sample ID: LCS 680-86624/8-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2007 1707
Date Prepared: 09/27/2007 1202

Analysis Batch: 680-86882
Prep Batch: 680-86624
Units: mg/L

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qi280013.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Oil Range Organics (C20-C36)	2.00	1.94	97	40 - 140	
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	93		30 - 165		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-86682

Lab Sample ID: MB 680-86682/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2007 0820
Date Prepared: 09/27/2007 1218

Analysis Batch: 680-87552
Prep Batch: 680-86682
Units: mg/L

Method: 6020 Preparation: 3005A Total Recoverable

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	RL
Nickel	0.0010	U	0.00032	0.0010
Sodium	0.25	U	0.090	0.25
Zinc	0.020	U	0.0065	0.020

Lab Control Spike - Batch: 680-86682

Lab Sample ID: LCS 680-86682/8-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2007 0834
Date Prepared: 09/27/2007 1218

Analysis Batch: 680-87552
Prep Batch: 680-86682
Units: mg/L

Method: 6020 Preparation: 3005A Total Recoverable

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nickel	0.100	0.102	102	75 - 125	
Sodium	5.00	5.17	103	75 - 125	
Zinc	0.100	0.100	100	75 - 125	

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-86682

Method: 6020

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 680-30446-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2007 0916
Date Prepared: 09/27/2007 1218

Analysis Batch: 680-87552
Prep Batch: 680-86682

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 680-30446-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2007 0924
Date Prepared: 09/27/2007 1218

Analysis Batch: 680-87552
Prep Batch: 680-86682

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nickel	102	105	75 - 125	3	20		
Sodium	249	375	75 - 125	3	20	4	4
Zinc	92	121	75 - 125	4	20	4	4

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-86616

Method: 9034

Preparation: N/A

Lab Sample ID: MB 680-86616/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/26/2007 1442
Date Prepared: N/A

Analysis Batch: 680-86616
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	RL	RL
Sulfide	1.0	U	1.0	1.0

Lab Control Spike/

Lab Control Spike Duplicate Recovery Report - Batch: 680-86616

Method: 9034

Preparation: N/A

LCS Lab Sample ID: LCS 680-86616/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/26/2007 1442
Date Prepared: N/A

Analysis Batch: 680-86616
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 680-86616/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/26/2007 1442
Date Prepared: N/A

Analysis Batch: 680-86616
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Sulfide	92	97	75 - 125	5	30		

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

Quality Control Results

Client: Solutia Inc.

Job Number: 680-30446-1

Sdg Number: FLX014

Method Blank - Batch: 680-87077

Method: 9038

Preparation: N/A

Lab Sample ID: MB 680-87077/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/01/2007 1405
Date Prepared: N/A

Analysis Batch: 680-87077
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL	RL
Sulfate	5.0	U	5.0	5.0

Lab Control Spike - Batch: 680-87077

Method: 9038

Preparation: N/A

Lab Sample ID: LCS 680-87077/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/01/2007 1405
Date Prepared: N/A

Analysis Batch: 680-87077
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	21.5	107	75 - 125	

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

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Login Sample Receipt Check List

Client: Solutia Inc.

Job Number: 680-30446-1

SDG Number: FLX014

Login Number: 30446

List Source: TestAmerica Savannah

Creator: Hubbard, Brian

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	Ice excluded due to int'l shipping.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	20.6 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	Additional volume not provided.
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	