

## ANALYTICAL REPORT

Job Number: 680-30390-1

SDG Number: FLX012

Job Description: Flexys Termoli IT GW 9/19-21/07

For:

Solutia Inc.

575 Maryville Centre Dr.

Saint Louis, MO 63141

Attention: Mr. Bruce Yare



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Lidya Gulizia

Project Manager I

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10/31/2007

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**Job Narrative**  
**680-J30390-1 / SDG No. FLX012 (Termoli Italy)**

**Receipt**

All samples were collected in Termoli, Italy and were shipped via international courier to TestAmerica 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 method requirements following receipt at the laboratory. All volatile samples were received preserved in hydrochloric acid.

Containers for Mineral Oil analysis (Method 8015) and total Dithiocarbamates (Method 630) were received for sample TE-001-GW (680-30390-1) in the sample receipt. The remaining containers for this sample for all other parameters were received on September 20, 2007 preceding this receipt and logged under Job 680-30279 (SDG FLX011).

Method 8260B: The following sample(s) were received with headspace in the sample vial: TE-007-GW (680-30390-2), TE-015-GW-D (680-30390-5), TE-021-GW-D (680-30390-12), TE-022-GW (680-30390-13). There is a total of 6 vials for each ID: -2 (4 of 6 vials), -5 (3 of 6 vials), -12 (2 of 6 vials), and -13 (2 of 6 vials) contain headspace.

**GC/MS VOA**

Method 8260B: The trip blank associated with these samples contained a detect for benzene. The benzene hit was carryover from a previous sample, however only 1 vial was received therefore re-analysis was not possible.

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

No other analytical or quality issues were noted.

**GC/MS Semi VOA**

Method 8270: The following samples were diluted due to the abundance of target analytes: TE-013-GW (680-30390-8), TE-013-GW-D (680-30390-9), TE-015-GW (680-30390-4), TE-015-GW-D (680-30390-5), TE-024-GW (680-30390-17). Elevated reporting limits (RLs) are provided.

Method(s) 3520C, 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 86509 had two analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

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

No other analytical or quality issues were noted.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Metals**

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

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

**General Chemistry**

Method(s) 9034: Insufficient sample volume was provided to perform batch matrix spike/matrix spike duplicate (MS/MSD) for batch 86327

No other analytical or quality issues were noted.

**Comments**

No additional comments.

## METHOD SUMMARY

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

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: 680-30390-1

Sdg Number: FLX012

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
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	Eaton, Cliff	CE
SW846 9034	Tehrani, Shadee	ST
SW846 9038	Ross, Jon	JR

## SAMPLE SUMMARY

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-30390-1	TE-001-GW	Water	09/19/2007 1420	09/24/2007 1100
680-30390-2	TE-007-GW	Water	09/19/2007 1600	09/24/2007 1100
680-30390-3FD	TE-007-GW-D	Water	09/19/2007 1630	09/24/2007 1100
680-30390-4	TE-015-GW	Water	09/20/2007 0940	09/24/2007 1100
680-30390-5FD	TE-015-GW-D	Water	09/20/2007 1000	09/24/2007 1100
680-30390-6	TE-016-GW	Water	09/20/2007 1030	09/24/2007 1100
680-30390-7TB	TE-TB01	Water	09/20/2007 1030	09/24/2007 1100
680-30390-8	TE-013-GW	Water	09/20/2007 1130	09/24/2007 1100
680-30390-9FD	TE-013-GW-D	Water	09/20/2007 1200	09/24/2007 1100
680-30390-10	TE-014-GW	Water	09/20/2007 1230	09/24/2007 1100
680-30390-11	TE-021-GW	Water	09/20/2007 1700	09/24/2007 1100
680-30390-12FD	TE-021-GW-D	Water	09/20/2007 1730	09/24/2007 1100
680-30390-13	TE-022-GW	Water	09/20/2007 1800	09/24/2007 1100
680-30390-14	TE-026-GW	Water	09/21/2007 0900	09/24/2007 1100
680-30390-15	TE-031-GW	Water	09/21/2007 0930	09/24/2007 1100
680-30390-16TB	TE-TB02	Water	09/21/2007 1000	09/24/2007 1100
680-30390-17	TE-024-GW	Water	09/21/2007 1030	09/24/2007 1100

# **SAMPLE RESULTS**

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-001-GW  
**Lab Sample ID:** 680-30390-1

Date Sampled: 09/19/2007 1420  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 630.1</b>					
Date Analyzed: 10/05/2007 1212					
<b>Prep Method: 630.1</b>					
Date Prepared: 09/29/2007 1448					
Dithiocarbamates, Total	1.6 U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>					
Date Analyzed: 09/28/2007 2110					
<b>Prep Method: 3520C</b>					
Date Prepared: 09/25/2007 1500					
Mineral oil	3.5	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits				
o-Terphenyl	101	%	30 - 165		

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW  
**Lab Sample ID:** 680-30390-2

Date Sampled: 09/19/2007 1600  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
<b>Method: 8260B</b>				Date Analyzed: 10/03/2007 1300		
<b>Prep Method: 5030B</b>				Date Prepared: 10/03/2007 1300		
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	0.79	J B	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	1.4		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	0.41	J	ug/L	0.28	1.0	1.0
Toluene	2.4		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW  
**Lab Sample ID:** 680-30390-2

Date Sampled: 09/19/2007 1600  
Date Received: 09/24/2007 1100  
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	101		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	99		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	270	J N B	ug/L	124-38-9	1.00	1.0
<b>Method: 8270C</b>				Date Analyzed:	10/01/2007 1456	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
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
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

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW  
**Lab Sample ID:** 680-30390-2

Date Sampled: 09/19/2007 1600  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Caprolactam	24	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	10 U	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	430 *	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
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

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**Client Sample ID:** TE-007-GW  
**Lab Sample ID:** 680-30390-2

Date Sampled: 09/19/2007 1600  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	7.2	J	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	54		%		50 - 113	
2-Fluorophenol	63		%		36 - 110	
Nitrobenzene-d5	62		%		45 - 112	
Phenol-d5	69		%		38 - 116	
Terphenyl-d14	84		%		10 - 121	
2,4,6-Tribromophenol	102		%		40 - 139	

Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	30	A J	ug/L		3.18	1.0
Cyclohexane, isocyanato-	7.7	J N	ug/L	3173-53-3	4.44	1.0
Benzothiazole	230	J N	ug/L	95-16-9	5.90	1.0
1,2,3-Benzothiadiazole	22	J N	ug/L	273-77-8	6.05	1.0
Formamide, N,N-dibutyl-	9.4	J N	ug/L	761-65-9	6.18	1.0
1,2-Benzisothiazole, 3-methyl-	80	J N	ug/L	6187-89-9	6.25	1.0
Unknown	67	J	ug/L		7.22	1.0
Unknown	28	J	ug/L		7.61	1.0
Unknown Amine	6.5	J	ug/L		7.66	1.0
Benzothiazole, 2-(methylthio)-	18	J N	ug/L	615-22-5	7.69	1.0
2(3H)-Benzothiazolone	200	J N	ug/L	934-34-9	7.93	1.0
Unknown	11	J	ug/L		8.11	1.0
Unknown	9.1	J	ug/L		8.67	1.0
Oleic Acid	17	J N	ug/L	112-80-1	9.46	1.0
Acetic acid, (triphenylphosphoranylidene	48	J N	ug/L	2605-67-6	10.91	1.0

**Method: 8015B**

Date Analyzed: 09/25/2007 1740

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: 10/05/2007 1234

**Prep Method: 630.1**

Date Prepared: 09/29/2007 1448

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW  
**Lab Sample ID:** 680-30390-2

Date Sampled: 09/19/2007 1600  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>			Date Analyzed: 09/28/2007 2123			
<b>Prep Method: 3520C</b>			Date Prepared: 09/25/2007 1500			
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	94		%	30 - 165		
<b>Method: Total Recoverable-6020</b>			Date Analyzed: 09/28/2007 0910			
<b>Prep Method: 3005A</b>			Date Prepared: 09/26/2007 1159			
Nickel	0.015		mg/L	0.00032	0.0010	1.0
Sodium	160	B	mg/L	0.090	0.25	1.0
Zinc	0.70		mg/L	0.0065	0.020	1.0

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**Client Sample ID:** TE-007-GW  
**Lab Sample ID:** 680-30390-2

Date Sampled: 09/19/2007 1600  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1405	
Sulfate	380		mg/L	100	100	20

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW-D  
**Lab Sample ID:** 680-30390-3

Date Sampled: 09/19/2007 1630  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 1516		
Prep Method: 5030B			Date Prepared:	10/02/2007 1516		
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	0.30	J	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	1.1		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	0.34	J	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	0.50	J	ug/L	0.28	1.0	1.0
Toluene	2.0		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW-D  
**Lab Sample ID:** 680-30390-3

Date Sampled: 09/19/2007 1630  
Date Received: 09/24/2007 1100  
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	0.33	J	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	101		%		75 - 120	
Dibromofluoromethane	103		%		75 - 121	
Toluene-d8 (Surr)	102		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	260	B J N	ug/L	124-38-9	1.00	1.0
Unknown	6.7	J	ug/L		1.33	1.0
<b>Method: 8270C</b>				Date Analyzed:	10/01/2007 1518	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
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
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

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW-D  
**Lab Sample ID:** 680-30390-3

Date Sampled: 09/19/2007 1630  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	10	U	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	400	*	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
2-Nitrophenol	10	U	ug/L	5.0	10	1.0
4-Nitrophenol	50	U	ug/L	10	50	1.0



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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW-D  
**Lab Sample ID:** 680-30390-3

Date Sampled: 09/19/2007 1630  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	6.2	J	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	54		%		50 - 113	
2-Fluorophenol	62		%		36 - 110	
Nitrobenzene-d5	63		%		45 - 112	
Phenol-d5	68		%		38 - 116	
Terphenyl-d14	75		%		10 - 121	
2,4,6-Tribromophenol	100		%		40 - 139	

Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	25	A J	ug/L		3.19	1.0
Cyclohexane, isocyanato-	8.6	J N	ug/L	3173-53-3	4.44	1.0
Benzothiazole	210	J N	ug/L	95-16-9	5.90	1.0
1,2,3-Benzothiadiazole	11	J N	ug/L	273-77-8	6.05	1.0
Formamide, N,N-dibutyl-	7.2	J N	ug/L	761-65-9	6.18	1.0
1,2-Benzisothiazole, 3-methyl-	77	J N	ug/L	6187-89-9	6.25	1.0
Unknown	66	J	ug/L		7.22	1.0
Unknown	28	J	ug/L		7.61	1.0
Benzothiazole, 2-(methylthio)-	12	J N	ug/L	615-22-5	7.69	1.0
2(3H)-Benzothiazolone	190	J N	ug/L	934-34-9	7.94	1.0
Unknown	9.9	J	ug/L		8.12	1.0
Unknown	9.4	J	ug/L		8.67	1.0
Unknown Alkyl Benzene	6.5	J	ug/L		9.14	1.0
Oleic Acid	18	J N	ug/L	112-80-1	9.46	1.0
Phosphine oxide, triphenyl-	36	J N	ug/L	791-28-6	10.91	1.0

**Method: 8015B**

Date Analyzed: 09/25/2007 1814

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: 10/05/2007 0640

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW-D  
**Lab Sample ID:** 680-30390-3

Date Sampled: 09/19/2007 1630  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
<b>Prep Method: 630.1</b>			Date Prepared:	09/29/2007	1448	
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>			Date Analyzed:	09/28/2007	2136	
<b>Prep Method: 3520C</b>			Date Prepared:	09/25/2007	1500	
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	103		%		30 - 165	
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	09/28/2007	0944	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007	1159	
Nickel	0.012		mg/L	0.00032	0.0010	1.0
Sodium	140	B	mg/L	0.090	0.25	1.0
Zinc	0.58		mg/L	0.0065	0.020	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-007-GW-D  
**Lab Sample ID:** 680-30390-3

Date Sampled: 09/19/2007 1630  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1407	
Sulfate	370		mg/L	100	100	20

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW  
**Lab Sample ID:** 680-30390-4

Date Sampled: 09/20/2007 0940  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 1544		
Prep Method: 5030B			Date Prepared:	10/02/2007 1544		
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	970	E	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	59		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	0.36	J	ug/L	0.28	1.0	1.0
Toluene	2.9		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW  
**Lab Sample ID:** 680-30390-4

Date Sampled: 09/20/2007 0940  
Date Received: 09/24/2007 1100  
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	101		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	103		%		75 - 120	

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	130	B J N	ug/L	124-38-9	1.00	1.0
Unknown	26	J	ug/L		1.10	1.0
Unknown	26	J	ug/L		1.10	1.0
Unknown	240	J	ug/L		1.15	1.0
Unknown	12	J	ug/L		1.33	1.0
Unknown	20	J	ug/L		1.43	1.0

**Method:** 8260B **Run Type:** DL  
**Prep Method:** 5030B

Date Analyzed: 10/03/2007 1551  
Date Prepared: 10/03/2007 1551

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	1300	J N B	ug/L	124-38-9	1.00	10
Acetone	250	U	ug/L	50	250	10
Benzene	10	U	ug/L	3.2	10	10
Bromodichloromethane	10	U	ug/L	3.4	10	10
Bromoform	10	U	ug/L	4.1	10	10
Bromomethane	10	U	ug/L	5.0	10	10
Carbon disulfide	660	D B	ug/L	1.7	20	10
Carbon tetrachloride	10	U	ug/L	2.7	10	10
Chlorobenzene	66	D	ug/L	3.4	10	10
Chloroethane	10	U	ug/L	10	10	10
Chloroform	10	U	ug/L	2.9	10	10
Chloromethane	10	U	ug/L	2.8	10	10
cis-1,2-Dichloroethene	10	U	ug/L	3.3	10	10
cis-1,3-Dichloropropene	10	U	ug/L	3.7	10	10

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

Job Number: 680-30390-1  
Sdg Number: FLX012

Client Sample ID: TE-015-GW  
Lab Sample ID: 680-30390-4

Date Sampled: 09/20/2007 0940  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Cyclohexane	10	U	ug/L	10	10	10
Dibromochloromethane	10	U	ug/L	3.0	10	10
1,2-Dibromo-3-Chloropropane	10	U	ug/L	4.8	10	10
1,2-Dibromoethane	10	U	ug/L	3.0	10	10
1,2-Dichlorobenzene	10	U	ug/L	3.3	10	10
1,3-Dichlorobenzene	10	U	ug/L	3.1	10	10
1,4-Dichlorobenzene	10	U	ug/L	3.3	10	10
Dichlorodifluoromethane	10	U	ug/L	3.3	10	10
1,1-Dichloroethane	10	U	ug/L	3.2	10	10
1,2-Dichloroethane	10	U	ug/L	3.1	10	10
1,1-Dichloroethene	10	U	ug/L	3.6	10	10
1,2-Dichloropropane	10	U	ug/L	3.6	10	10
Ethylbenzene	10	U	ug/L	3.0	10	10
2-Hexanone	100	U	ug/L	6.8	100	10
Isopropylbenzene	10	U	ug/L	2.7	10	10
Methyl acetate	10	U	ug/L	4.2	10	10
Methylcyclohexane	10	U	ug/L	2.5	10	10
Methylene Chloride	50	U	ug/L	10	50	10
Methyl ethyl ketone (MEK)	100	U	ug/L	6.0	100	10
Methyl isobutyl ketone (MIBK)	100	U	ug/L	6.0	100	10
Methyl tert-butyl ether	100	U	ug/L	5.8	100	10
Styrene	10	U	ug/L	3.6	10	10
1,1,2,2-Tetrachloroethane	10	U	ug/L	2.6	10	10
Tetrachloroethene	10	U	ug/L	2.8	10	10
Toluene	3.8	J D	ug/L	3.1	10	10
trans-1,2-Dichloroethene	10	U	ug/L	3.0	10	10
trans-1,3-Dichloropropene	10	U	ug/L	2.7	10	10
1,2,4-Trichlorobenzene	10	U	ug/L	3.5	10	10
1,1,1-Trichloroethane	10	U	ug/L	3.9	10	10
1,1,2-Trichloroethane	10	U	ug/L	5.1	10	10
Trichloroethene	10	U	ug/L	4.0	10	10
Trichlorofluoromethane	10	U	ug/L	2.9	10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	ug/L	3.5	10	10
1,2,4-Trimethylbenzene	10	U	ug/L	2.7	10	10
1,3,5-Trimethylbenzene	10	U	ug/L	2.8	10	10
Vinyl chloride	10	U	ug/L	2.0	10	10
Xylenes, Total	20	U	ug/L	8.7	20	10
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	104		%		75 - 120	
Dibromofluoromethane	98		%		75 - 121	
Toluene-d8 (Surr)	101		%		75 - 120	

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW  
**Lab Sample ID:** 680-30390-4

Date Sampled: 09/20/2007 0940  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C			Date Analyzed:	10/02/2007	1358	
Prep Method: 3520C			Date Prepared:	09/26/2007	1410	
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	880		ug/L	9.4	100	10
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

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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW  
**Lab Sample ID:** 680-30390-4

Date Sampled: 09/20/2007 0940  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	2700	*	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
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	66	J	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	4100	J N	ug/L	95-16-9	5.89	10



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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW  
**Lab Sample ID:** 680-30390-4

Date Sampled: 09/20/2007 0940  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Tentatively Identified Compounds				Cas Number	RT	
Unknown	86	J	ug/L		6.32	10
2(3H)-Benzothiazolone	2700	J N	ug/L	934-34-9	7.93	10
Unknown	86	J	ug/L		9.23	10
Unknown	77	J	ug/L		9.28	10
Unknown Organic Acid	110	J	ug/L		9.59	10
Unknown	220	J	ug/L		9.87	10
Unknown Alkene	94	J	ug/L		10.20	10
Unknown	99	J	ug/L		10.28	10
Unknown Organic Acid	93	J	ug/L		10.60	10
Phosphine oxide, triphenyl-	180	J N	ug/L	791-28-6	10.90	10
Unknown	190	J	ug/L		11.01	10
Unknown	140	J	ug/L		11.05	10
Unknown	93	J	ug/L		11.09	10
Unknown Ketone	350	J	ug/L		12.11	10
Method: 8015B			Date Analyzed:	09/25/2007	1848	
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:	10/05/2007	0702	
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	1243	
Prep Method: 3520C			Date Prepared:	09/25/2007	1500	
Mineral oil	14		mg/L	2.5	2.5	5.0
Surrogate	Acceptance Limits					
o-Terphenyl	0	D	%	30 - 165		
Method: Total Recoverable-6020			Date Analyzed:	09/28/2007	1005	
Prep Method: 3005A			Date Prepared:	09/26/2007	1159	
Nickel	0.0046		mg/L	0.00032	0.0010	1.0
Zinc	0.060		mg/L	0.0065	0.020	1.0
Method: Total Recoverable-6020			Date Analyzed:	10/02/2007	1547	
Prep Method: 3005A			Date Prepared:	09/26/2007	1159	
Sodium	180	B	mg/L	0.090	0.25	1.0

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW  
**Lab Sample ID:** 680-30390-4

Date Sampled: 09/20/2007 0940  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method: 9034</b> Sulfide	1.8	mg/L	1.0	1.0	1.0
<b>Method: 9038</b> Sulfate	1000	mg/L	200	200	40

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW-D  
**Lab Sample ID:** 680-30390-5

Date Sampled: 09/20/2007 1000  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 1613		
Prep Method: 5030B			Date Prepared:	10/02/2007 1613		
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	1000	E	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	61		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	0.41	J	ug/L	0.28	1.0	1.0
Toluene	2.8		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW-D  
**Lab Sample ID:** 680-30390-5

Date Sampled: 09/20/2007 1000  
Date Received: 09/24/2007 1100  
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	99		%		75 - 120	
Dibromofluoromethane	100		%		75 - 121	
Toluene-d8 (Surr)	100		%		75 - 120	

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	130	B J N	ug/L	124-38-9	1.00	1.0
Unknown	21	J	ug/L		1.11	1.0
Unknown	570	J	ug/L		1.14	1.0

**Method:** 8260B **Run Type:** DL  
**Prep Method:** 5030B

Date Analyzed: 10/03/2007 1620  
Date Prepared: 10/03/2007 1620

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	2400	J N B	ug/L	124-38-9	1.00	20
Acetone	500	U	ug/L	100	500	20
Benzene	20	U	ug/L	6.4	20	20
Bromodichloromethane	20	U	ug/L	6.8	20	20
Bromoform	20	U	ug/L	8.2	20	20
Bromomethane	20	U	ug/L	10	20	20
Carbon disulfide	850	D B	ug/L	3.4	40	20
Carbon tetrachloride	20	U	ug/L	5.4	20	20
Chlorobenzene	54	D	ug/L	6.8	20	20
Chloroethane	20	U	ug/L	20	20	20
Chloroform	20	U	ug/L	5.8	20	20
Chloromethane	20	U	ug/L	5.6	20	20
cis-1,2-Dichloroethene	20	U	ug/L	6.6	20	20
cis-1,3-Dichloropropene	20	U	ug/L	7.4	20	20
Cyclohexane	20	U	ug/L	20	20	20
Dibromochloromethane	20	U	ug/L	6.0	20	20
1,2-Dibromo-3-Chloropropane	20	U	ug/L	9.6	20	20

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW-D  
**Lab Sample ID:** 680-30390-5

Date Sampled: 09/20/2007 1000  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,2-Dibromoethane	20	U	ug/L	6.0	20	20
1,2-Dichlorobenzene	20	U	ug/L	6.6	20	20
1,3-Dichlorobenzene	20	U	ug/L	6.2	20	20
1,4-Dichlorobenzene	20	U	ug/L	6.6	20	20
Dichlorodifluoromethane	20	U	ug/L	6.6	20	20
1,1-Dichloroethane	20	U	ug/L	6.4	20	20
1,2-Dichloroethane	20	U	ug/L	6.2	20	20
1,1-Dichloroethene	20	U	ug/L	7.2	20	20
1,2-Dichloropropane	20	U	ug/L	7.2	20	20
Ethylbenzene	20	U	ug/L	6.0	20	20
2-Hexanone	200	U	ug/L	14	200	20
Isopropylbenzene	20	U	ug/L	5.4	20	20
Methyl acetate	20	U	ug/L	8.4	20	20
Methylcyclohexane	20	U	ug/L	5.0	20	20
Methylene Chloride	100	U	ug/L	20	100	20
Methyl ethyl ketone (MEK)	200	U	ug/L	12	200	20
Methyl isobutyl ketone (MIBK)	200	U	ug/L	12	200	20
Methyl tert-butyl ether	200	U	ug/L	12	200	20
Styrene	20	U	ug/L	7.2	20	20
1,1,2,2-Tetrachloroethane	20	U	ug/L	5.2	20	20
Tetrachloroethene	20	U	ug/L	5.6	20	20
Toluene	20	U	ug/L	6.2	20	20
trans-1,2-Dichloroethene	20	U	ug/L	6.0	20	20
trans-1,3-Dichloropropene	20	U	ug/L	5.4	20	20
1,2,4-Trichlorobenzene	20	U	ug/L	7.0	20	20
1,1,1-Trichloroethane	20	U	ug/L	7.8	20	20
1,1,2-Trichloroethane	20	U	ug/L	10	20	20
Trichloroethene	20	U	ug/L	8.0	20	20
Trichlorofluoromethane	20	U	ug/L	5.8	20	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	ug/L	7.0	20	20
1,2,4-Trimethylbenzene	20	U	ug/L	5.4	20	20
1,3,5-Trimethylbenzene	20	U	ug/L	5.6	20	20
Vinyl chloride	20	U	ug/L	4.0	20	20
Xylenes, Total	40	U	ug/L	17	40	20
Surrogate				Acceptance Limits		
4-Bromofluorobenzene	102		%	75 - 120		
Dibromofluoromethane	98		%	75 - 121		
Toluene-d8 (Surr)	101		%	75 - 120		

**Method:** 8270C  
**Prep Method:** 3520C

Date Analyzed: 10/02/2007 1549  
Date Prepared: 09/26/2007 1410

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

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW-D  
**Lab Sample ID:** 680-30390-5

Date Sampled: 09/20/2007 1000  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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
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

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**Client Sample ID:** TE-015-GW-D  
**Lab Sample ID:** 680-30390-5

Date Sampled: 09/20/2007 1000  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	3000	*	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
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	44	J	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	2900	J N	ug/L	95-16-9	5.90	10
Unknown	42	J	ug/L		6.05	10
Unknown	64	J	ug/L		6.33	10

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-015-GW-D  
**Lab Sample ID:** 680-30390-5

Date Sampled: 09/20/2007 1000  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Tentatively Identified Compounds				Cas Number	RT	
2(3H)-Benzothiazolone	1900	J N	ug/L	934-34-9	7.94	10
Unknown	53	J	ug/L		8.11	10
Unknown	140	J	ug/L		9.87	10
2-Benzothiazolesulfenamide, N-cyclohexyl	46	J N	ug/L	95-33-0	11.17	10
Unknown Ketone	350	J	ug/L		12.11	10
<b>Method: 8015B</b>			Date Analyzed:	09/25/2007	1922	
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
<b>Method: 630.1</b>			Date Analyzed:	10/05/2007	0724	
<b>Prep Method: 630.1</b>			Date Prepared:	09/29/2007	1448	
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>			Date Analyzed:	09/29/2007	1256	
<b>Prep Method: 3520C</b>			Date Prepared:	09/25/2007	1500	
Mineral oil	14		mg/L	2.5	2.5	5.0
Surrogate				Acceptance Limits		
o-Terphenyl	0	D	%		30 - 165	
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	09/28/2007	1012	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007	1159	
Nickel	0.0037		mg/L	0.00032	0.0010	1.0
Zinc	0.037		mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	10/02/2007	1554	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007	1159	
Sodium	180	B	mg/L	0.090	0.25	1.0



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**Lab Sample ID:** 680-30390-5

Date Sampled: 09/20/2007 1000  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method: 9034</b>					
Sulfide	1.8	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>					
Sulfate	1000	mg/L	200	200	40

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-016-GW  
**Lab Sample ID:** 680-30390-6

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1329		
Prep Method: 5030B			Date Prepared:	10/03/2007 1329		
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	0.55	J B	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	1.9		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

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-016-GW  
**Lab Sample ID:** 680-30390-6

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
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	100		%		75 - 120	
Dibromofluoromethane	104		%		75 - 121	
Toluene-d8 (Surr)	99		%		75 - 120	

Tentatively Identified Compounds			Cas Number		RT	
Carbon dioxide	240	J N B	ug/L	124-38-9	1.00	1.0
Unknown Alkane	7.0	J	ug/L		2.25	1.0
Unknown Alkane	9.4	J	ug/L		2.41	1.0
Unknown Cycloalkane	10	J	ug/L		3.03	1.0

**Method:** 8270C

Date Analyzed: 10/01/2007 1624

**Prep Method:** 3520C

Date Prepared: 09/26/2007 1410

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

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**Client Sample ID:** TE-016-GW  
**Lab Sample ID:** 680-30390-6

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
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	10	U	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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**Client Sample ID:** TE-016-GW  
**Lab Sample ID:** 680-30390-6

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
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	62		%		50 - 113	
2-Fluorophenol	74		%		36 - 110	
Nitrobenzene-d5	77		%		45 - 112	
Phenol-d5	75		%		38 - 116	
Terphenyl-d14	95		%		10 - 121	
2,4,6-Tribromophenol	101		%		40 - 139	
Tentatively Identified Compounds	Cas Number RT					
Unknown Aldol Condensate	9.3	A J	ug/L		3.19	1.0
Unknown Alkene	6.0	J	ug/L		4.06	1.0
Benzothiazole	7.7	J N	ug/L	95-16-9	5.90	1.0
Benzamide, 2,6-dichloro-	4.2	J N	ug/L	2008-58-4	7.85	1.0
2(3H)-Benzothiazolone	4.4	J N	ug/L	934-34-9	7.91	1.0
(Carbethoxyethylidene)triphenylphosphora	27	J N	ug/L	5717-37-3	10.91	1.0
<b>Method: 8015B</b>	Date Analyzed: 09/25/2007 1956					
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
<b>Method: 630.1</b>	Date Analyzed: 10/05/2007 0959					
<b>Prep Method: 630.1</b>	Date Prepared: 09/29/2007 1448					
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>	Date Analyzed: 09/28/2007 2214					
<b>Prep Method: 3520C</b>	Date Prepared: 09/25/2007 1500					
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-016-GW  
**Lab Sample ID:** 680-30390-6

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate			Acceptance Limits		
o-Terphenyl	114	%		30 - 165	
<b>Method:</b> Total Recoverable-6020			Date Analyzed:	09/28/2007 1019	
<b>Prep Method:</b> 3005A			Date Prepared:	09/26/2007 1159	
Nickel	0.0087	mg/L	0.00032	0.0010	1.0
Zinc	0.040	mg/L	0.0065	0.020	1.0
<b>Method:</b> Total Recoverable-6020			Date Analyzed:	10/02/2007 1601	
<b>Prep Method:</b> 3005A			Date Prepared:	09/26/2007 1159	
Sodium	52	B mg/L	0.090	0.25	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-016-GW  
**Lab Sample ID:** 680-30390-6

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1416	
Sulfate	100		mg/L	25	25	5.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-TB01  
**Lab Sample ID:** 680-30390-7

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
<b>Method: 8260B</b>				Date Analyzed: 10/02/2007 1322		
<b>Prep Method: 5030B</b>				Date Prepared: 10/02/2007 1322		
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	1.0	U	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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-TB01  
**Lab Sample ID:** 680-30390-7

Date Sampled: 09/20/2007 1030  
Date Received: 09/24/2007 1100  
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	99		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	101		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	79	B J N	ug/L	124-38-9	1.01	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW  
**Lab Sample ID:** 680-30390-8

Date Sampled: 09/20/2007 1130  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 1710		
Prep Method: 5030B			Date Prepared:	10/02/2007 1710		
Acetone	7.7	J	ug/L	5.0	25	1.0
Benzene	2.4		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	2500	E	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	0.76	J	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	0.48	J	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	1.5		ug/L	0.28	1.0	1.0
Toluene	5.7		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW  
**Lab Sample ID:** 680-30390-8

Date Sampled: 09/20/2007 1130  
Date Received: 09/24/2007 1100  
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	0.28	J	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	2.5		ug/L	0.87	2.0	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	102		%		75 - 120	
Dibromofluoromethane	104		%		75 - 121	
Toluene-d8 (Surr)	101		%		75 - 120	

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	190	B J N	ug/L	124-38-9	1.00	1.0
Unknown	13	J	ug/L		1.10	1.0
Unknown	250	J	ug/L		1.15	1.0
Unknown	8.9	J	ug/L		2.41	1.0
Unknown	9.5	J	ug/L		3.03	1.0

**Method:** 8260B **Run Type:** DL  
**Prep Method:** 5030B

Date Analyzed: 10/03/2007 1648  
Date Prepared: 10/03/2007 1648

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	5200	J N B	ug/L	124-38-9	1.00	25
Acetone	630	U	ug/L	130	630	25
Benzene	25	U	ug/L	8.0	25	25
Bromodichloromethane	25	U	ug/L	8.5	25	25
Bromoform	25	U	ug/L	10	25	25
Bromomethane	25	U	ug/L	13	25	25
Carbon disulfide	3300	D B	ug/L	4.3	50	25
Carbon tetrachloride	25	U	ug/L	6.8	25	25
Chlorobenzene	25	U	ug/L	8.5	25	25
Chloroethane	25	U	ug/L	25	25	25
Chloroform	25	U	ug/L	7.3	25	25
Chloromethane	25	U	ug/L	7.0	25	25
cis-1,2-Dichloroethene	25	U	ug/L	8.3	25	25
cis-1,3-Dichloropropene	25	U	ug/L	9.3	25	25
Cyclohexane	25	U	ug/L	25	25	25

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW  
**Lab Sample ID:** 680-30390-8

Date Sampled: 09/20/2007 1130  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Dibromochloromethane	25	U	ug/L	7.5	25	25
1,2-Dibromo-3-Chloropropane	25	U	ug/L	12	25	25
1,2-Dibromoethane	25	U	ug/L	7.5	25	25
1,2-Dichlorobenzene	25	U	ug/L	8.3	25	25
1,3-Dichlorobenzene	25	U	ug/L	7.8	25	25
1,4-Dichlorobenzene	25	U	ug/L	8.3	25	25
Dichlorodifluoromethane	25	U	ug/L	8.3	25	25
1,1-Dichloroethane	25	U	ug/L	8.0	25	25
1,2-Dichloroethane	25	U	ug/L	7.8	25	25
1,1-Dichloroethene	25	U	ug/L	9.0	25	25
1,2-Dichloropropane	25	U	ug/L	9.0	25	25
Ethylbenzene	25	U	ug/L	7.5	25	25
2-Hexanone	250	U	ug/L	17	250	25
Isopropylbenzene	25	U	ug/L	6.8	25	25
Methyl acetate	25	U	ug/L	11	25	25
Methylcyclohexane	25	U	ug/L	6.3	25	25
Methylene Chloride	130	U	ug/L	25	130	25
Methyl ethyl ketone (MEK)	250	U	ug/L	15	250	25
Methyl isobutyl ketone (MIBK)	250	U	ug/L	15	250	25
Methyl tert-butyl ether	250	U	ug/L	15	250	25
Styrene	25	U	ug/L	9.0	25	25
1,1,2,2-Tetrachloroethane	25	U	ug/L	6.5	25	25
Tetrachloroethene	25	U	ug/L	7.0	25	25
Toluene	25	U	ug/L	7.8	25	25
trans-1,2-Dichloroethene	25	U	ug/L	7.5	25	25
trans-1,3-Dichloropropene	25	U	ug/L	6.8	25	25
1,2,4-Trichlorobenzene	25	U	ug/L	8.8	25	25
1,1,1-Trichloroethane	25	U	ug/L	9.8	25	25
1,1,2-Trichloroethane	25	U	ug/L	13	25	25
Trichloroethene	25	U	ug/L	10	25	25
Trichlorofluoromethane	25	U	ug/L	7.3	25	25
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	ug/L	8.8	25	25
1,2,4-Trimethylbenzene	25	U	ug/L	6.8	25	25
1,3,5-Trimethylbenzene	25	U	ug/L	7.0	25	25
Vinyl chloride	25	U	ug/L	5.0	25	25
Xylenes, Total	50	U	ug/L	22	50	25
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	102		%		75 - 120	
Dibromofluoromethane	99		%		75 - 121	
Toluene-d8 (Surr)	101		%		75 - 120	

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW  
**Lab Sample ID:** 680-30390-8

Date Sampled: 09/20/2007 1130  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
<b>Method: 8270C</b>				Date Analyzed:	10/03/2007 1447	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
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
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

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW  
**Lab Sample ID:** 680-30390-8

Date Sampled: 09/20/2007 1130  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	28000	*	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
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	1700	J N	ug/L	95-16-9	5.88	100

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW  
**Lab Sample ID:** 680-30390-8

Date Sampled: 09/20/2007 1130  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Tentatively Identified Compounds				Cas Number	RT	
2(3H)-Benzothiazolone	18000	J N	ug/L	934-34-9	7.91	100
Benzothiazole, 2-(methylthio)-	1300	J N	ug/L	615-22-5	8.90	100
Unknown	2000	J	ug/L		13.97	100
Method: 8015B			Date Analyzed:	09/25/2007 2030		
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:	10/05/2007 1021		
Prep Method: 630.1			Date Prepared:	09/29/2007 1448		
Dithiocarbamates, Total	1.7		mg/L	1.6	1.6	1.0
Method: 8015B			Date Analyzed:	09/29/2007 1309		
Prep Method: 3520C			Date Prepared:	09/25/2007 1500		
Mineral oil	25		mg/L	2.5	2.5	5.0
Surrogate				Acceptance Limits		
o-Terphenyl	0	D	%	30 - 165		
Method: Total Recoverable-6020			Date Analyzed:	09/28/2007 1026		
Prep Method: 3005A			Date Prepared:	09/26/2007 1159		
Nickel	0.0019		mg/L	0.00032	0.0010	1.0
Zinc	0.080		mg/L	0.0065	0.020	1.0
Method: Total Recoverable-6020			Date Analyzed:	10/02/2007 1608		
Prep Method: 3005A			Date Prepared:	09/26/2007 1159		
Sodium	130	B	mg/L	0.090	0.25	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW  
**Lab Sample ID:** 680-30390-8

Date Sampled: 09/20/2007 1130  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1418	
Sulfate	120		mg/L	25	25	5.0



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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW-D  
**Lab Sample ID:** 680-30390-9

Date Sampled: 09/20/2007 1200  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/02/2007 1738		
Prep Method: 5030B			Date Prepared:	10/02/2007 1738		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	2.2		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	2400	E	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	0.94	J	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	0.44	J	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)	1.6	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	1.0	U	ug/L	0.28	1.0	1.0
Toluene	1.7		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW-D  
**Lab Sample ID:** 680-30390-9

Date Sampled: 09/20/2007 1200  
Date Received: 09/24/2007 1100  
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	2.1		ug/L	0.87	2.0	1.0

Surrogate	Acceptance Limits					
4-Bromofluorobenzene	98		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	101		%		75 - 120	

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	170	B J N	ug/L	124-38-9	1.00	1.0
Unknown	14	J	ug/L		1.10	1.0
Unknown	380	J	ug/L		1.14	1.0

**Method:** 8260B **Run Type:** DL  
**Prep Method:** 5030B

Date Analyzed: 10/03/2007 1717  
Date Prepared: 10/03/2007 1717

Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	5000	J N B	ug/L	124-38-9	1.00	25
Acetone	630	U	ug/L	130	630	25
Benzene	25	U	ug/L	8.0	25	25
Bromodichloromethane	25	U	ug/L	8.5	25	25
Bromoform	25	U	ug/L	10	25	25
Bromomethane	25	U	ug/L	13	25	25
Carbon disulfide	2900	D B	ug/L	4.3	50	25
Carbon tetrachloride	25	U	ug/L	6.8	25	25
Chlorobenzene	25	U	ug/L	8.5	25	25
Chloroethane	25	U	ug/L	25	25	25
Chloroform	25	U	ug/L	7.3	25	25
Chloromethane	25	U	ug/L	7.0	25	25
cis-1,2-Dichloroethene	25	U	ug/L	8.3	25	25
cis-1,3-Dichloropropene	25	U	ug/L	9.3	25	25
Cyclohexane	25	U	ug/L	25	25	25
Dibromochloromethane	25	U	ug/L	7.5	25	25
1,2-Dibromo-3-Chloropropane	25	U	ug/L	12	25	25

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW-D  
**Lab Sample ID:** 680-30390-9

Date Sampled: 09/20/2007 1200  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,2-Dibromoethane	25	U	ug/L	7.5	25	25
1,2-Dichlorobenzene	25	U	ug/L	8.3	25	25
1,3-Dichlorobenzene	25	U	ug/L	7.8	25	25
1,4-Dichlorobenzene	25	U	ug/L	8.3	25	25
Dichlorodifluoromethane	25	U	ug/L	8.3	25	25
1,1-Dichloroethane	25	U	ug/L	8.0	25	25
1,2-Dichloroethane	25	U	ug/L	7.8	25	25
1,1-Dichloroethene	25	U	ug/L	9.0	25	25
1,2-Dichloropropane	25	U	ug/L	9.0	25	25
Ethylbenzene	25	U	ug/L	7.5	25	25
2-Hexanone	250	U	ug/L	17	250	25
Isopropylbenzene	25	U	ug/L	6.8	25	25
Methyl acetate	25	U	ug/L	11	25	25
Methylcyclohexane	25	U	ug/L	6.3	25	25
Methylene Chloride	130	U	ug/L	25	130	25
Methyl ethyl ketone (MEK)	250	U	ug/L	15	250	25
Methyl isobutyl ketone (MIBK)	250	U	ug/L	15	250	25
Methyl tert-butyl ether	250	U	ug/L	15	250	25
Styrene	25	U	ug/L	9.0	25	25
1,1,2,2-Tetrachloroethane	25	U	ug/L	6.5	25	25
Tetrachloroethene	25	U	ug/L	7.0	25	25
Toluene	25	U	ug/L	7.8	25	25
trans-1,2-Dichloroethene	25	U	ug/L	7.5	25	25
trans-1,3-Dichloropropene	25	U	ug/L	6.8	25	25
1,2,4-Trichlorobenzene	25	U	ug/L	8.8	25	25
1,1,1-Trichloroethane	25	U	ug/L	9.8	25	25
1,1,2-Trichloroethane	25	U	ug/L	13	25	25
Trichloroethene	25	U	ug/L	10	25	25
Trichlorofluoromethane	25	U	ug/L	7.3	25	25
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	ug/L	8.8	25	25
1,2,4-Trimethylbenzene	25	U	ug/L	6.8	25	25
1,3,5-Trimethylbenzene	25	U	ug/L	7.0	25	25
Vinyl chloride	25	U	ug/L	5.0	25	25
Xylenes, Total	50	U	ug/L	22	50	25
Surrogate				Acceptance Limits		
4-Bromofluorobenzene	103		%	75 - 120		
Dibromofluoromethane	100		%	75 - 121		
Toluene-d8 (Surr)	102		%	75 - 120		

**Method:** 8270C  
**Prep Method:** 3520C

Date Analyzed: 10/03/2007 1509  
Date Prepared: 09/26/2007 1410

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW-D  
**Lab Sample ID:** 680-30390-9

Date Sampled: 09/20/2007 1200  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	1000	U	ug/L	52	1000	100
Acenaphthylene	1000	U	ug/L	52	1000	100
Acetophenone	1000	U *	ug/L	52	1000	100
Aniline	2100	U	ug/L	900	2100	100
Anthracene	1000	U	ug/L	52	1000	100
Atrazine	1000	U	ug/L	420	1000	100
Benzaldehyde	1000	U	ug/L	140	1000	100
Benzidine	8300	U	ug/L	430	8300	100
Benzo[a]anthracene	1000	U	ug/L	52	1000	100
Benzo[a]pyrene	1000	U	ug/L	52	1000	100
Benzo[b]fluoranthene	1000	U	ug/L	70	1000	100
Benzo[g,h,i]perylene	1000	U	ug/L	70	1000	100
Benzo[k]fluoranthene	1000	U	ug/L	52	1000	100
Benzyl alcohol	1000	U	ug/L	83	1000	100
1,1'-Biphenyl	1000	U	ug/L	52	1000	100
Bis(2-chloroethoxy)methane	1000	U	ug/L	52	1000	100
Bis(2-chloroethyl)ether	1000	U	ug/L	61	1000	100
Bis(2-ethylhexyl) phthalate	1000	U	ug/L	98	1000	100
4-Bromophenyl phenyl ether	1000	U	ug/L	52	1000	100
Butyl benzyl phthalate	1000	U	ug/L	77	1000	100
Caprolactam	1000	U	ug/L	520	1000	100
4-Chloroaniline	2100	U	ug/L	500	2100	100
4-Chloro-3-methylphenol	1000	U	ug/L	54	1000	100
2-Chloronaphthalene	1000	U	ug/L	52	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	52	1000	100
Dibenz(a,h)anthracene	1000	U	ug/L	52	1000	100
Dibenzofuran	1000	U	ug/L	52	1000	100
3,3'-Dichlorobenzidine	2100	U	ug/L	330	2100	100
2,4-Dichlorophenol	1000	U	ug/L	100	1000	100
Diethyl phthalate	1000	U	ug/L	52	1000	100
2,4-Dimethylphenol	1000	U	ug/L	110	1000	100
Dimethyl phthalate	1000	U	ug/L	520	1000	100
Di-n-butyl phthalate	1000	U	ug/L	52	1000	100
4,6-Dinitro-2-methylphenol	5200	U	ug/L	520	5200	100
2,4-Dinitrophenol	5200	U	ug/L	1000	5200	100
2,4-Dinitrotoluene	1000	U	ug/L	52	1000	100
2,6-Dinitrotoluene	1000	U	ug/L	52	1000	100
Di-n-octyl phthalate	1000	U	ug/L	79	1000	100
1,4-Dioxane	1000	U	ug/L	270	1000	100

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW-D  
**Lab Sample ID:** 680-30390-9

Date Sampled: 09/20/2007 1200  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluoranthene	1000	U	ug/L	52	1000	100
Fluorene	1000	U	ug/L	52	1000	100
Hexachlorobenzene	1000	U	ug/L	52	1000	100
Hexachlorobutadiene	1000	U	ug/L	520	1000	100
Hexachlorocyclopentadiene	1000	U	ug/L	520	1000	100
Hexachloroethane	1000	U	ug/L	52	1000	100
Indeno[1,2,3-cd]pyrene	1000	U	ug/L	90	1000	100
Isophorone	1000	U	ug/L	52	1000	100
Mercaptobenzothiazole	30000	*	ug/L	5200	5200	100
2-Methylnaphthalene	1000	U	ug/L	52	1000	100
2-Methylphenol	1000	U	ug/L	67	1000	100
3 & 4 Methylphenol	1000	U	ug/L	100	1000	100
Naphthalene	1000	U	ug/L	52	1000	100
2-Nitroaniline	5200	U	ug/L	520	5200	100
3-Nitroaniline	5200	U	ug/L	290	5200	100
4-Nitroaniline	5200	U	ug/L	210	5200	100
Nitrobenzene	1000	U	ug/L	52	1000	100
2-Nitrophenol	1000	U	ug/L	520	1000	100
4-Nitrophenol	5200	U	ug/L	1000	5200	100
N-Nitrosodimethylamine	1000	U	ug/L	130	1000	100
N-Nitrosodi-n-propylamine	1000	U	ug/L	52	1000	100
N-Nitrosodiphenylamine	1000	U	ug/L	76	1000	100
2,2'-oxybis[1-chloropropane]	1000	U	ug/L	52	1000	100
Pentachlorophenol	5200	U	ug/L	520	5200	100
Phenanthrene	1000	U	ug/L	52	1000	100
Phenol	1000	U	ug/L	52	1000	100
Pyrene	1000	U	ug/L	52	1000	100
2,4,5-Trichlorophenol	1000	U	ug/L	83	1000	100
2,4,6-Trichlorophenol	1000	U	ug/L	52	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	1800	J N	ug/L	95-16-9	5.88	100
2(3H)-Benzothiazolone	17000	J N	ug/L	934-34-9	7.91	100
Benzothiazole, 2-(methylthio)-	1300	J N	ug/L	615-22-5	8.90	100

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW-D  
**Lab Sample ID:** 680-30390-9

Date Sampled: 09/20/2007 1200  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Tentatively Identified Compounds				Cas Number	RT	
Unknown	750	J	ug/L		9.12	100
Unknown Organic Acid	1500	J	ug/L		13.97	100
<b>Method: 8015B</b>			Date Analyzed:	09/25/2007	2104	
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
<b>Method: 630.1</b>			Date Analyzed:	10/05/2007	1043	
<b>Prep Method: 630.1</b>			Date Prepared:	09/29/2007	1448	
Dithiocarbamates, Total	1.7		mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>			Date Analyzed:	09/29/2007	1321	
<b>Prep Method: 3520C</b>			Date Prepared:	09/25/2007	1500	
Mineral oil	23		mg/L	2.5	2.5	5.0
Surrogate	Acceptance Limits					
o-Terphenyl	0	D	%	30 - 165		
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	09/28/2007	1033	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007	1159	
Nickel	0.0026		mg/L	0.00032	0.0010	1.0
Zinc	0.094		mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	10/02/2007	1615	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007	1159	
Sodium	130	B	mg/L	0.090	0.25	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-013-GW-D  
**Lab Sample ID:** 680-30390-9

Date Sampled: 09/20/2007 1200  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1416	
Sulfate	120		mg/L	25	25	5.0

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-014-GW  
**Lab Sample ID:** 680-30390-10

Date Sampled: 09/20/2007 1230  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1357		
Prep Method: 5030B			Date Prepared:	10/03/2007 1357		
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	0.64	J B	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	1.7		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	0.42	J	ug/L	0.28	1.0	1.0
Toluene	1.2		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  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-014-GW  
**Lab Sample ID:** 680-30390-10

Date Sampled: 09/20/2007 1230  
Date Received: 09/24/2007 1100  
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	101	%		75 - 120	
Dibromofluoromethane	102	%		75 - 121	
Toluene-d8 (Surr)	100	%		75 - 120	

Tentatively Identified Compounds			Cas Number		RT	
Carbon dioxide	190	J N B	ug/L	124-38-9	1.00	1.0
Unknown	13	J	ug/L		1.33	1.0
Unknown Cycloalkane	11	J	ug/L		3.79	1.0

**Method:** 8270C

Date Analyzed: 10/01/2007 1223

**Prep Method:** 3520C

Date Prepared: 09/26/2007 1410

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
Bis(2-ethylhexyl) phthalate	10	U	ug/L	0.94	10	1.0

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-014-GW  
**Lab Sample ID:** 680-30390-10

Date Sampled: 09/20/2007 1230  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	10	U	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
2-Nitrophenol	10	U	ug/L	5.0	10	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-014-GW  
**Lab Sample ID:** 680-30390-10

Date Sampled: 09/20/2007 1230  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	67		%		50 - 113	
2-Fluorophenol	61		%		36 - 110	
Nitrobenzene-d5	78		%		45 - 112	
Phenol-d5	66		%		38 - 116	
Terphenyl-d14	89		%		10 - 121	
2,4,6-Tribromophenol	94		%		40 - 139	

Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	32	A J	ug/L		3.18	1.0
Unknown Alcohol	4.8	J	ug/L		4.39	1.0
Benzothiazole	7.0	J N	ug/L	95-16-9	5.89	1.0
1,2,3-Benzothiadiazole	6.6	J N	ug/L	273-77-8	6.05	1.0
Unknown	18	J	ug/L		6.25	1.0
Unknown	4.2	J	ug/L		7.22	1.0
Benzamide, 2,6-dichloro-	9.2	J N	ug/L	2008-58-4	7.85	1.0
2(3H)-Benzothiazolone	16	J N	ug/L	934-34-9	7.91	1.0
Oleic Acid	13	J N	ug/L	112-80-1	9.46	1.0
Phosphine oxide, triphenyl-	64	J N	ug/L	791-28-6	10.91	1.0

**Method: 8015B**

Date Analyzed: 09/25/2007 2138

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: 10/05/2007 1105

**Prep Method: 630.1**

Date Prepared: 09/29/2007 1448

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

Date Analyzed: 09/28/2007 2252

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-014-GW  
**Lab Sample ID:** 680-30390-10

Date Sampled: 09/20/2007 1230  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
<b>Prep Method: 3520C</b>			Date Prepared:		09/25/2007 1500	
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	96		%		30 - 165	
<b>Method: Total Recoverable-6020</b>			Date Analyzed:		09/28/2007 1040	
<b>Prep Method: 3005A</b>			Date Prepared:		09/26/2007 1159	
Nickel	0.0044		mg/L	0.00032	0.0010	1.0
Zinc	0.048		mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:		10/02/2007 1622	
<b>Prep Method: 3005A</b>			Date Prepared:		09/26/2007 1159	
Sodium	88	B	mg/L	0.090	0.25	1.0

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-014-GW  
**Lab Sample ID:** 680-30390-10

Date Sampled: 09/20/2007 1230  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1414	
Sulfate	150		mg/L	25	25	5.0

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW  
**Lab Sample ID:** 680-30390-11

Date Sampled: 09/20/2007 1700  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1426		
Prep Method: 5030B			Date Prepared:	10/03/2007 1426		
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	0.67	J B	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	1.2		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  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW  
**Lab Sample ID:** 680-30390-11

Date Sampled: 09/20/2007 1700  
Date Received: 09/24/2007 1100  
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	99		%		75 - 120	
Dibromofluoromethane	103		%		75 - 121	
Toluene-d8 (Surr)	100		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	280	J N B	ug/L	124-38-9	1.00	1.0
<b>Method: 8270C</b>				Date Analyzed:	10/02/2007 1145	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
Acenaphthene	10	U	ug/L	0.52	10	1.0
Acenaphthylene	10	U	ug/L	0.52	10	1.0
Acetophenone	10	U *	ug/L	0.52	10	1.0
Aniline	21	U	ug/L	9.0	21	1.0
Anthracene	10	U	ug/L	0.52	10	1.0
Atrazine	10	U	ug/L	4.2	10	1.0
Benzaldehyde	10	U	ug/L	1.4	10	1.0
Benzidine	83	U	ug/L	4.3	83	1.0
Benzo[a]anthracene	10	U	ug/L	0.52	10	1.0
Benzo[a]pyrene	10	U	ug/L	0.52	10	1.0
Benzo[b]fluoranthene	10	U	ug/L	0.70	10	1.0
Benzo[g,h,i]perylene	10	U	ug/L	0.70	10	1.0
Benzo[k]fluoranthene	10	U	ug/L	0.52	10	1.0
Benzyl alcohol	10	U	ug/L	0.83	10	1.0
1,1'-Biphenyl	10	U	ug/L	0.52	10	1.0
Bis(2-chloroethoxy)methane	10	U	ug/L	0.52	10	1.0
Bis(2-chloroethyl)ether	10	U	ug/L	0.61	10	1.0
Bis(2-ethylhexyl) phthalate	10	U	ug/L	0.98	10	1.0
4-Bromophenyl phenyl ether	10	U	ug/L	0.52	10	1.0
Butyl benzyl phthalate	10	U	ug/L	0.77	10	1.0

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW  
**Lab Sample ID:** 680-30390-11

Date Sampled: 09/20/2007 1700  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Caprolactam	10 U	ug/L	5.2	10	1.0
4-Chloroaniline	21 U	ug/L	5.0	21	1.0
4-Chloro-3-methylphenol	10 U	ug/L	0.54	10	1.0
2-Chloronaphthalene	10 U	ug/L	0.52	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	0.52	10	1.0
Dibenz(a,h)anthracene	10 U	ug/L	0.52	10	1.0
Dibenzofuran	10 U	ug/L	0.52	10	1.0
3,3'-Dichlorobenzidine	21 U	ug/L	3.3	21	1.0
2,4-Dichlorophenol	10 U	ug/L	1.0	10	1.0
Diethyl phthalate	0.96 J B	ug/L	0.52	10	1.0
2,4-Dimethylphenol	10 U	ug/L	1.1	10	1.0
Dimethyl phthalate	10 U	ug/L	5.2	10	1.0
Di-n-butyl phthalate	10 U	ug/L	0.52	10	1.0
4,6-Dinitro-2-methylphenol	52 U	ug/L	5.2	52	1.0
2,4-Dinitrophenol	52 U	ug/L	10	52	1.0
2,4-Dinitrotoluene	10 U	ug/L	0.52	10	1.0
2,6-Dinitrotoluene	10 U	ug/L	0.52	10	1.0
Di-n-octyl phthalate	10 U	ug/L	0.79	10	1.0
1,4-Dioxane	10 U	ug/L	2.7	10	1.0
Fluoranthene	10 U	ug/L	0.52	10	1.0
Fluorene	10 U	ug/L	0.52	10	1.0
Hexachlorobenzene	10 U	ug/L	0.52	10	1.0
Hexachlorobutadiene	10 U	ug/L	5.2	10	1.0
Hexachlorocyclopentadiene	10 U	ug/L	5.2	10	1.0
Hexachloroethane	10 U	ug/L	0.52	10	1.0
Indeno[1,2,3-cd]pyrene	10 U	ug/L	0.90	10	1.0
Isophorone	10 U	ug/L	0.52	10	1.0
Mercaptobenzothiazole	52 U *	ug/L	52	52	1.0
2-Methylnaphthalene	10 U	ug/L	0.52	10	1.0
2-Methylphenol	10 U	ug/L	0.67	10	1.0
3 & 4 Methylphenol	10 U	ug/L	1.0	10	1.0
Naphthalene	10 U	ug/L	0.52	10	1.0
2-Nitroaniline	52 U	ug/L	5.2	52	1.0
3-Nitroaniline	52 U	ug/L	2.9	52	1.0
4-Nitroaniline	52 U	ug/L	2.1	52	1.0
Nitrobenzene	10 U	ug/L	0.52	10	1.0
2-Nitrophenol	10 U	ug/L	5.2	10	1.0
4-Nitrophenol	52 U	ug/L	10	52	1.0
N-Nitrosodimethylamine	10 U	ug/L	1.3	10	1.0



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

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW  
**Lab Sample ID:** 680-30390-11

Date Sampled: 09/20/2007 1700  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
N-Nitrosodi-n-propylamine	10	U	ug/L	0.52	10	1.0
N-Nitrosodiphenylamine	10	U	ug/L	0.76	10	1.0
2,2'-oxybis[1-chloropropane]	10	U	ug/L	0.52	10	1.0
Pentachlorophenol	52	U	ug/L	5.2	52	1.0
Phenanthrene	10	U	ug/L	0.52	10	1.0
Phenol	10	U	ug/L	0.52	10	1.0
Pyrene	10	U	ug/L	0.52	10	1.0
2,4,5-Trichlorophenol	10	U	ug/L	0.83	10	1.0
2,4,6-Trichlorophenol	10	U	ug/L	0.52	10	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	60		%		50 - 113	
2-Fluorophenol	76		%		36 - 110	
Nitrobenzene-d5	75		%		45 - 112	
Phenol-d5	81		%		38 - 116	
Terphenyl-d14	81		%		10 - 121	
2,4,6-Tribromophenol	99		%		40 - 139	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	47	A J	ug/L		3.18	1.0
1-Propene, 1,1,2-trichloro-	5.0	J N	ug/L	21400-25-9	4.06	1.0
Benzothiazole	12	J N	ug/L	95-16-9	5.89	1.0
2(3H)-Benzothiazolone	70	J N	ug/L	934-34-9	7.92	1.0
Oleic Acid	8.6	J N	ug/L	112-80-1	9.46	1.0
Unknown	7.3	J	ug/L		11.83	1.0
<b>Method: 8015B</b>				Date Analyzed:	09/25/2007 2212	
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
<b>Method: 630.1</b>				Date Analyzed:	10/05/2007 0618	
<b>Prep Method: 630.1</b>				Date Prepared:	09/29/2007 1448	
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>				Date Analyzed:	09/28/2007 2305	
<b>Prep Method: 3520C</b>				Date Prepared:	09/25/2007 1500	
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	105		%		30 - 165	
<b>Method: Total Recoverable-6020</b>				Date Analyzed:	09/28/2007 1047	

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW  
**Lab Sample ID:** 680-30390-11

Date Sampled: 09/20/2007 1700  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Prep Method: 3005A</b>					
			Date Prepared:	09/26/2007 1159	
Nickel	0.013	mg/L	0.00032	0.0010	1.0
Zinc	0.23	mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>					
			Date Analyzed:	10/02/2007 1629	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Sodium	450	B mg/L	0.090	0.25	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW  
**Lab Sample ID:** 680-30390-11

Date Sampled: 09/20/2007 1700  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1410	
Sulfate	640		mg/L	100	100	20

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW-D  
**Lab Sample ID:** 680-30390-12

Date Sampled: 09/20/2007 1730  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1454		
Prep Method: 5030B			Date Prepared:	10/03/2007 1454		
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	0.51	J B	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	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  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW-D  
**Lab Sample ID:** 680-30390-12

Date Sampled: 09/20/2007 1730  
Date Received: 09/24/2007 1100  
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	99		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	99		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	270	J N B	ug/L	124-38-9	1.00	1.0
<b>Method: 8270C</b>				Date Analyzed:	10/01/2007 1307	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
Acenaphthene	10	U	ug/L	0.51	10	1.0
Acenaphthylene	10	U	ug/L	0.51	10	1.0
Acetophenone	10	U *	ug/L	0.51	10	1.0
Aniline	20	U	ug/L	8.8	20	1.0
Anthracene	10	U	ug/L	0.51	10	1.0
Atrazine	10	U	ug/L	4.1	10	1.0
Benzaldehyde	10	U	ug/L	1.3	10	1.0
Benzidine	82	U	ug/L	4.2	82	1.0
Benzo[a]anthracene	10	U	ug/L	0.51	10	1.0
Benzo[a]pyrene	10	U	ug/L	0.51	10	1.0
Benzo[b]fluoranthene	10	U	ug/L	0.68	10	1.0
Benzo[g,h,i]perylene	10	U	ug/L	0.68	10	1.0
Benzo[k]fluoranthene	10	U	ug/L	0.51	10	1.0
Benzyl alcohol	10	U	ug/L	0.82	10	1.0
1,1'-Biphenyl	10	U	ug/L	0.51	10	1.0
Bis(2-chloroethoxy)methane	10	U	ug/L	0.51	10	1.0
Bis(2-chloroethyl)ether	10	U	ug/L	0.60	10	1.0
Bis(2-ethylhexyl) phthalate	10	U	ug/L	0.96	10	1.0
4-Bromophenyl phenyl ether	10	U	ug/L	0.51	10	1.0
Butyl benzyl phthalate	10	U	ug/L	0.76	10	1.0

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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW-D  
**Lab Sample ID:** 680-30390-12

Date Sampled: 09/20/2007 1730  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Caprolactam	10	U	ug/L	5.1	10	1.0
4-Chloroaniline	20	U	ug/L	4.9	20	1.0
4-Chloro-3-methylphenol	10	U	ug/L	0.53	10	1.0
2-Chloronaphthalene	10	U	ug/L	0.51	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	0.51	10	1.0
Dibenz(a,h)anthracene	10	U	ug/L	0.51	10	1.0
Dibenzofuran	10	U	ug/L	0.51	10	1.0
3,3'-Dichlorobenzidine	20	U	ug/L	3.3	20	1.0
2,4-Dichlorophenol	10	U	ug/L	1.0	10	1.0
Diethyl phthalate	10	U	ug/L	0.51	10	1.0
2,4-Dimethylphenol	10	U	ug/L	1.1	10	1.0
Dimethyl phthalate	10	U	ug/L	5.1	10	1.0
Di-n-butyl phthalate	10	U	ug/L	0.51	10	1.0
4,6-Dinitro-2-methylphenol	51	U	ug/L	5.1	51	1.0
2,4-Dinitrophenol	51	U	ug/L	10	51	1.0
2,4-Dinitrotoluene	10	U	ug/L	0.51	10	1.0
2,6-Dinitrotoluene	10	U	ug/L	0.51	10	1.0
Di-n-octyl phthalate	10	U	ug/L	0.78	10	1.0
1,4-Dioxane	10	U	ug/L	2.7	10	1.0
Fluoranthene	10	U	ug/L	0.51	10	1.0
Fluorene	10	U	ug/L	0.51	10	1.0
Hexachlorobenzene	10	U	ug/L	0.51	10	1.0
Hexachlorobutadiene	10	U	ug/L	5.1	10	1.0
Hexachlorocyclopentadiene	10	U	ug/L	5.1	10	1.0
Hexachloroethane	10	U	ug/L	0.51	10	1.0
Indeno[1,2,3-cd]pyrene	10	U	ug/L	0.88	10	1.0
Isophorone	10	U	ug/L	0.51	10	1.0
Mercaptobenzothiazole	51	U *	ug/L	51	51	1.0
2-Methylnaphthalene	10	U	ug/L	0.51	10	1.0
2-Methylphenol	10	U	ug/L	0.65	10	1.0
3 & 4 Methylphenol	10	U	ug/L	1.0	10	1.0
Naphthalene	10	U	ug/L	0.51	10	1.0
2-Nitroaniline	51	U	ug/L	5.1	51	1.0
3-Nitroaniline	51	U	ug/L	2.9	51	1.0
4-Nitroaniline	51	U	ug/L	2.0	51	1.0
Nitrobenzene	10	U	ug/L	0.51	10	1.0
2-Nitrophenol	10	U	ug/L	5.1	10	1.0
4-Nitrophenol	51	U	ug/L	10	51	1.0
N-Nitrosodimethylamine	10	U	ug/L	1.2	10	1.0

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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW-D  
**Lab Sample ID:** 680-30390-12

Date Sampled: 09/20/2007 1730  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
N-Nitrosodi-n-propylamine	10	U	ug/L	0.51	10	1.0
N-Nitrosodiphenylamine	10	U	ug/L	0.74	10	1.0
2,2'-oxybis[1-chloropropane]	10	U	ug/L	0.51	10	1.0
Pentachlorophenol	51	U	ug/L	5.1	51	1.0
Phenanthrene	10	U	ug/L	0.51	10	1.0
Phenol	10	U	ug/L	0.51	10	1.0
Pyrene	10	U	ug/L	0.51	10	1.0
2,4,5-Trichlorophenol	10	U	ug/L	0.82	10	1.0
2,4,6-Trichlorophenol	10	U	ug/L	0.51	10	1.0

Surrogate	Acceptance Limits					
2-Fluorobiphenyl	57		%		50 - 113	
2-Fluorophenol	67		%		36 - 110	
Nitrobenzene-d5	67		%		45 - 112	
Phenol-d5	71		%		38 - 116	
Terphenyl-d14	66		%		10 - 121	
2,4,6-Tribromophenol	101		%		40 - 139	

Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	25	A J	ug/L		3.18	1.0
Unknown Alkene	4.4	J	ug/L		4.06	1.0
Benzothiazole	13	J N	ug/L	95-16-9	5.89	1.0
2(3H)-Benzothiazolone	68	J N	ug/L	934-34-9	7.92	1.0
Phosphine oxide, triphenyl-	36	J N	ug/L	791-28-6	10.91	1.0

<b>Method: 8015B</b>	Date Analyzed: 09/25/2007 2246					
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

<b>Method: 630.1</b>	Date Analyzed: 10/05/2007 0556					
<b>Prep Method: 630.1</b>	Date Prepared: 09/29/2007 1448					
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0

<b>Method: 8015B</b>	Date Analyzed: 09/28/2007 2318					
<b>Prep Method: 3520C</b>	Date Prepared: 09/25/2007 1500					
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0

Surrogate	Acceptance Limits					
o-Terphenyl	97		%		30 - 165	

<b>Method: Total Recoverable-6020</b>	Date Analyzed: 09/28/2007 1053					
<b>Prep Method: 3005A</b>	Date Prepared: 09/26/2007 1159					

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW-D  
**Lab Sample ID:** 680-30390-12

Date Sampled: 09/20/2007 1730  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Nickel	0.015	mg/L	0.00032	0.0010	1.0
Zinc	0.25	mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	10/02/2007 1636	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Sodium	480	B mg/L	0.36	1.0	4.0



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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-021-GW-D  
**Lab Sample ID:** 680-30390-12

Date Sampled: 09/20/2007 1730  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1410	
Sulfate	630		mg/L	100	100	20

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-022-GW  
**Lab Sample ID:** 680-30390-13

Date Sampled: 09/20/2007 1800  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
<b>Method: 8260B</b>				Date Analyzed: 10/03/2007 1523		
<b>Prep Method: 5030B</b>				Date Prepared: 10/03/2007 1523		
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	0.73	J B	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	1.7		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	5.1		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	0.58	J	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	0.50	J	ug/L	0.28	1.0	1.0
Toluene	2.5		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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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-022-GW  
**Lab Sample ID:** 680-30390-13

Date Sampled: 09/20/2007 1800  
Date Received: 09/24/2007 1100  
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	99		%		75 - 120	
Dibromofluoromethane	102		%		75 - 121	
Toluene-d8 (Surr)	104		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	310	J N B	ug/L	124-38-9	1.00	1.0
<b>Method: 8270C</b>				Date Analyzed:	10/01/2007 1328	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
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
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

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-022-GW  
**Lab Sample ID:** 680-30390-13

Date Sampled: 09/20/2007 1800  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	10	U	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
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

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Job Number: 680-30390-1  
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**Client Sample ID:** TE-022-GW  
**Lab Sample ID:** 680-30390-13

Date Sampled: 09/20/2007 1800  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	46	X	%		50 - 113	
2-Fluorophenol	55		%		36 - 110	
Nitrobenzene-d5	55		%		45 - 112	
Phenol-d5	58		%		38 - 116	
Terphenyl-d14	78		%		10 - 121	
2,4,6-Tribromophenol	87		%		40 - 139	
Tentatively Identified Compounds			Cas Number		RT	
Unknown Aldol Condensate	34	A J	ug/L		3.18	1.0
Unknown Organic Acid	12	J	ug/L		4.35	1.0
2(3H)-Benzothiazolone	20	J N	ug/L	934-34-9	7.91	1.0
Unknown Ketone	5.3	J	ug/L		9.46	1.0
Phosphine oxide, triphenyl-	52	J N	ug/L	791-28-6	10.91	1.0
<b>Method: 8015B</b>			Date Analyzed:		09/25/2007 2320	
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
<b>Method: 630.1</b>			Date Analyzed:		10/05/2007 1127	
<b>Prep Method: 630.1</b>			Date Prepared:		09/29/2007 1448	
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>			Date Analyzed:		09/28/2007 2331	
<b>Prep Method: 3520C</b>			Date Prepared:		09/25/2007 1500	
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	106		%		30 - 165	
<b>Method: Total Recoverable-6020</b>			Date Analyzed:		09/28/2007 1100	
<b>Prep Method: 3005A</b>			Date Prepared:		09/26/2007 1159	

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-022-GW  
**Lab Sample ID:** 680-30390-13

Date Sampled: 09/20/2007 1800  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Nickel	0.025	mg/L	0.00032	0.0010	1.0
Zinc	0.67	mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	10/02/2007 1643	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Sodium	630	B mg/L	0.36	1.0	4.0

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Job Number: 680-30390-1  
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**Client Sample ID:** TE-022-GW  
**Lab Sample ID:** 680-30390-13

Date Sampled: 09/20/2007 1800  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1436	
Sulfate	990		mg/L	200	200	40

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-026-GW  
**Lab Sample ID:** 680-30390-14

Date Sampled: 09/21/2007 0900  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1745		
Prep Method: 5030B			Date Prepared:	10/03/2007 1745		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	90		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	1.6	J B	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	0.47	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	2.2		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	0.63	J	ug/L	0.28	1.0	1.0
Toluene	1.7		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-026-GW  
**Lab Sample ID:** 680-30390-14

Date Sampled: 09/21/2007 0900  
Date Received: 09/24/2007 1100  
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	103		%		75 - 120	
Dibromofluoromethane	115		%		75 - 121	
Toluene-d8 (Surr)	98		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	310	J N B	ug/L	124-38-9	1.00	1.0
Unknown Cycloalkane	11	J	ug/L		3.79	1.0
<b>Method: 8270C</b>				Date Analyzed:	10/02/2007 1207	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
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
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

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-026-GW  
**Lab Sample ID:** 680-30390-14

Date Sampled: 09/21/2007 0900  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	0.72	J B	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	10	U	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
2-Nitrophenol	10	U	ug/L	5.0	10	1.0
4-Nitrophenol	50	U	ug/L	10	50	1.0

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-026-GW  
**Lab Sample ID:** 680-30390-14

Date Sampled: 09/21/2007 0900  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	0.95	J	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	71		%		50 - 113	
2-Fluorophenol	86		%		36 - 110	
Nitrobenzene-d5	82		%		45 - 112	
Phenol-d5	90		%		38 - 116	
Terphenyl-d14	86		%		10 - 121	
2,4,6-Tribromophenol	113		%		40 - 139	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	47	A J	ug/L		3.18	1.0
Unknown Alkene	7.0	J	ug/L		4.05	1.0
Benzothiazole	6.8	J N	ug/L	95-16-9	5.89	1.0
1,2,3-Benzothiadiazole	6.8	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
Benzenesulfonamide, N-butyl-	5.1	J N	ug/L	3622-84-2	8.30	1.0
Oleic Acid	13	J N	ug/L	112-80-1	9.46	1.0
<b>Method: 8015B</b>	Date Analyzed: 09/25/2007 2354					
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
<b>Method: 630.1</b>	Date Analyzed: 10/05/2007 0512					
<b>Prep Method: 630.1</b>	Date Prepared: 09/29/2007 1448					
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>	Date Analyzed: 09/28/2007 2344					
<b>Prep Method: 3520C</b>	Date Prepared: 09/25/2007 1500					
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	98		%		30 - 165	

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-026-GW  
**Lab Sample ID:** 680-30390-14

Date Sampled: 09/21/2007 0900  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	09/28/2007 1107	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Nickel	0.040	mg/L	0.00032	0.0010	1.0
Zinc	0.41	mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	10/02/2007 1650	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Sodium	810 B	mg/L	0.36	1.0	4.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-026-GW  
**Lab Sample ID:** 680-30390-14

Date Sampled: 09/21/2007 0900  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1422	
Sulfate	1300		mg/L	200	200	40

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-031-GW  
**Lab Sample ID:** 680-30390-15

Date Sampled: 09/21/2007 0930  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1814		
Prep Method: 5030B			Date Prepared:	10/03/2007 1814		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	25		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	5.3	B	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	1.2		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	0.81	J	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	0.68	J	ug/L	0.28	1.0	1.0
Toluene	1.9		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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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-031-GW  
**Lab Sample ID:** 680-30390-15

Date Sampled: 09/21/2007 0930  
Date Received: 09/24/2007 1100  
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	102		%		75 - 120	
Dibromofluoromethane	119		%		75 - 121	
Toluene-d8 (Surr)	98		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	250	J N B	ug/L	124-38-9	1.00	1.0
<b>Method: 8270C</b>				Date Analyzed:	10/01/2007 1412	
<b>Prep Method: 3520C</b>				Date Prepared:	09/26/2007 1410	
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
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

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

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-031-GW  
**Lab Sample ID:** 680-30390-15

Date Sampled: 09/21/2007 0930  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	10	U	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
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



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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-031-GW  
**Lab Sample ID:** 680-30390-15

Date Sampled: 09/21/2007 0930  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
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	66		%		50 - 113	
2-Fluorophenol	79		%		36 - 110	
Nitrobenzene-d5	78		%		45 - 112	
Phenol-d5	87		%		38 - 116	
Terphenyl-d14	91		%		10 - 121	
2,4,6-Tribromophenol	116		%		40 - 139	
Tentatively Identified Compounds				Cas Number	RT	
Unknown Aldol Condensate	40	A J	ug/L		3.18	1.0
Unknown Aldehyde	4.0	J	ug/L		3.94	1.0
Unknown Alkene	4.0	J	ug/L		4.06	1.0
Unknown	4.6	J	ug/L		7.61	1.0
2(3H)-Benzothiazolone	18	J N	ug/L	934-34-9	7.91	1.0
Unknown Ketone	9.2	J	ug/L		9.22	1.0
9-Hexadecenoic acid	12	J N	ug/L	2091-29-4	9.46	1.0
<b>Method: 8015B</b>	Date Analyzed: 09/26/2007 0028					
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
<b>Method: 630.1</b>	Date Analyzed: 10/05/2007 0534					
<b>Prep Method: 630.1</b>	Date Prepared: 09/29/2007 1448					
Dithiocarbamates, Total	1.6	U	mg/L	1.6	1.6	1.0
<b>Method: 8015B</b>	Date Analyzed: 09/28/2007 2356					
<b>Prep Method: 3520C</b>	Date Prepared: 09/25/2007 1500					
Mineral oil	0.50	U	mg/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
o-Terphenyl	85		%		30 - 165	

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-031-GW  
**Lab Sample ID:** 680-30390-15

Date Sampled: 09/21/2007 0930  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	09/28/2007 1128	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Nickel	0.012	mg/L	0.00032	0.0010	1.0
Zinc	0.15	mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	10/02/2007 1710	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Sodium	310 B	mg/L	0.090	0.25	1.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-031-GW  
**Lab Sample ID:** 680-30390-15

Date Sampled: 09/21/2007 0930  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method:</b> 9034					
Sulfide	1.2	mg/L	1.0	1.0	1.0
<b>Method:</b> 9038					
Sulfate	580	mg/L	100	100	20

Mr. Bruce Yare  
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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-TB02  
**Lab Sample ID:** 680-30390-16

Date Sampled: 09/21/2007 1000  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1842		
Prep Method: 5030B			Date Prepared:	10/03/2007 1842		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	7.3		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	0.62	J B	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	0.34	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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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-TB02  
**Lab Sample ID:** 680-30390-16

Date Sampled: 09/21/2007 1000  
Date Received: 09/24/2007 1100  
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	100		%		75 - 120	
Dibromofluoromethane	115		%		75 - 121	
Toluene-d8 (Surr)	99		%		75 - 120	
Tentatively Identified Compounds				Cas Number	RT	
Carbon dioxide	85	J N B	ug/L	124-38-9	1.01	1.0

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-024-GW  
**Lab Sample ID:** 680-30390-17

Date Sampled: 09/21/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	10/03/2007 1911		
Prep Method: 5030B			Date Prepared:	10/03/2007 1911		
Acetone	25	U	ug/L	5.0	25	1.0
Benzene	5.0		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	50	B	ug/L	0.17	2.0	1.0
Carbon tetrachloride	1.0	U	ug/L	0.27	1.0	1.0
Chlorobenzene	0.37	J	ug/L	0.34	1.0	1.0
Chloroethane	1.0	U	ug/L	1.0	1.0	1.0
Chloroform	0.47	J	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)	1.3	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	1.0	U	ug/L	0.28	1.0	1.0
Toluene	1.2		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  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-024-GW  
**Lab Sample ID:** 680-30390-17

Date Sampled: 09/21/2007 1030  
Date Received: 09/24/2007 1100  
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	104		%		75 - 120	
Dibromofluoromethane	120		%		75 - 121	
Toluene-d8 (Surr)	99		%		75 - 120	

Tentatively Identified Compounds			Cas Number		RT	
Carbon dioxide	170	J N B	ug/L	124-38-9	1.00	1.0
Sulfur dioxide	200	J N	ug/L	7446-09-5	1.14	1.0
Unknown	5.6	J	ug/L		1.52	1.0

**Method:** 8270C

**Prep Method:** 3520C

Date Analyzed: 10/02/2007 1659

Date Prepared: 09/26/2007 1410

Acenaphthene	1000	U	ug/L	52	1000	100
Acenaphthylene	1000	U	ug/L	52	1000	100
Acetophenone	1000	U *	ug/L	52	1000	100
Aniline	2100	U	ug/L	900	2100	100
Anthracene	1000	U	ug/L	52	1000	100
Atrazine	1000	U	ug/L	420	1000	100
Benzaldehyde	1000	U	ug/L	140	1000	100
Benzidine	8300	U	ug/L	430	8300	100
Benzo[a]anthracene	1000	U	ug/L	52	1000	100
Benzo[a]pyrene	1000	U	ug/L	52	1000	100
Benzo[b]fluoranthene	1000	U	ug/L	70	1000	100
Benzo[g,h,i]perylene	1000	U	ug/L	70	1000	100
Benzo[k]fluoranthene	1000	U	ug/L	52	1000	100
Benzyl alcohol	1000	U	ug/L	83	1000	100
1,1'-Biphenyl	1000	U	ug/L	52	1000	100
Bis(2-chloroethoxy)methane	1000	U	ug/L	52	1000	100
Bis(2-chloroethyl)ether	1000	U	ug/L	61	1000	100
Bis(2-ethylhexyl) phthalate	1000	U	ug/L	98	1000	100

Mr. Bruce Yare  
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Saint Louis, MO 63141

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-024-GW  
**Lab Sample ID:** 680-30390-17

Date Sampled: 09/21/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Bromophenyl phenyl ether	1000	U	ug/L	52	1000	100
Butyl benzyl phthalate	1000	U	ug/L	77	1000	100
Caprolactam	1000	U	ug/L	520	1000	100
4-Chloroaniline	2100	U	ug/L	500	2100	100
4-Chloro-3-methylphenol	1000	U	ug/L	54	1000	100
2-Chloronaphthalene	1000	U	ug/L	52	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	52	1000	100
Dibenz(a,h)anthracene	1000	U	ug/L	52	1000	100
Dibenzofuran	1000	U	ug/L	52	1000	100
3,3'-Dichlorobenzidine	2100	U	ug/L	330	2100	100
2,4-Dichlorophenol	1000	U	ug/L	100	1000	100
Diethyl phthalate	1000	U	ug/L	52	1000	100
2,4-Dimethylphenol	1000	U	ug/L	110	1000	100
Dimethyl phthalate	1000	U	ug/L	520	1000	100
Di-n-butyl phthalate	1000	U	ug/L	52	1000	100
4,6-Dinitro-2-methylphenol	5200	U	ug/L	520	5200	100
2,4-Dinitrophenol	5200	U	ug/L	1000	5200	100
2,4-Dinitrotoluene	1000	U	ug/L	52	1000	100
2,6-Dinitrotoluene	1000	U	ug/L	52	1000	100
Di-n-octyl phthalate	1000	U	ug/L	79	1000	100
1,4-Dioxane	1000	U	ug/L	270	1000	100
Fluoranthene	1000	U	ug/L	52	1000	100
Fluorene	1000	U	ug/L	52	1000	100
Hexachlorobenzene	1000	U	ug/L	52	1000	100
Hexachlorobutadiene	1000	U	ug/L	520	1000	100
Hexachlorocyclopentadiene	1000	U	ug/L	520	1000	100
Hexachloroethane	1000	U	ug/L	52	1000	100
Indeno[1,2,3-cd]pyrene	1000	U	ug/L	90	1000	100
Isophorone	1000	U	ug/L	52	1000	100
Mercaptobenzothiazole	24000	*	ug/L	5200	5200	100
2-Methylnaphthalene	1000	U	ug/L	52	1000	100
2-Methylphenol	1000	U	ug/L	67	1000	100
3 & 4 Methylphenol	1000	U	ug/L	100	1000	100
Naphthalene	1000	U	ug/L	52	1000	100
2-Nitroaniline	5200	U	ug/L	520	5200	100
3-Nitroaniline	5200	U	ug/L	290	5200	100
4-Nitroaniline	5200	U	ug/L	210	5200	100
Nitrobenzene	1000	U	ug/L	52	1000	100
2-Nitrophenol	1000	U	ug/L	520	1000	100



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

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-024-GW  
**Lab Sample ID:** 680-30390-17

Date Sampled: 09/21/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
4-Nitrophenol	5200	U	ug/L	1000	5200	100
N-Nitrosodimethylamine	1000	U	ug/L	130	1000	100
N-Nitrosodi-n-propylamine	1000	U	ug/L	52	1000	100
N-Nitrosodiphenylamine	1000	U	ug/L	76	1000	100
2,2'-oxybis[1-chloropropane]	1000	U	ug/L	52	1000	100
Pentachlorophenol	5200	U	ug/L	520	5200	100
Phenanthrene	1000	U	ug/L	52	1000	100
Phenol	1000	U	ug/L	52	1000	100
Pyrene	1000	U	ug/L	52	1000	100
2,4,5-Trichlorophenol	1000	U	ug/L	83	1000	100
2,4,6-Trichlorophenol	1000	U	ug/L	52	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	950	J N	ug/L	95-16-9	5.89	100
2(3H)-Benzothiazolone	24000	J N	ug/L	934-34-9	7.94	100
Unknown Ketone	500	J	ug/L		9.15	100

**Method: 8015B**

Date Analyzed: 09/26/2007 0102

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: 10/05/2007 1149

**Prep Method: 630.1**

Date Prepared: 09/29/2007 1448

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

Date Analyzed: 09/29/2007 1334

**Prep Method: 3520C**

Date Prepared: 09/25/2007 1500

Mineral oil	13		mg/L	2.5	2.5	5.0
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Surrogate

Acceptance Limits

o-Terphenyl	0	D	%		30 - 165	
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**Method: Total Recoverable-6020**

Date Analyzed: 09/28/2007 1135

**Prep Method: 3005A**

Date Prepared: 09/26/2007 1159

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

Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-024-GW  
**Lab Sample ID:** 680-30390-17

Date Sampled: 09/21/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Nickel	0.076	mg/L	0.00032	0.0010	1.0
Zinc	0.031	mg/L	0.0065	0.020	1.0
<b>Method: Total Recoverable-6020</b>			Date Analyzed:	10/02/2007 1717	
<b>Prep Method: 3005A</b>			Date Prepared:	09/26/2007 1159	
Sodium	1800 B	mg/L	0.36	1.0	4.0

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Job Number: 680-30390-1  
Sdg Number: FLX012

**Client Sample ID:** TE-024-GW  
**Lab Sample ID:** 680-30390-17

Date Sampled: 09/21/2007 1030  
Date Received: 09/24/2007 1100  
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
<b>Method: 9034</b>			Date Analyzed:		09/24/2007 1503	
Sulfide	1.0	U	mg/L	1.0	1.0	1.0
<b>Method: 9038</b>			Date Analyzed:		10/01/2007 1435	
Sulfate	3800		mg/L	1000	1000	200

# TestAmerica Savannah

## Tellurium Semi-Quantitative Results

SDG FLX012

Sample ID	Lab Sample ID	Analysis time	Operator	Dilution factor	Prep batch	Tellurium 128	Q	Units
TE-007-GW	680-30390-2	10/17/07 1455	CME	1	680-86543	0.0025	U	mg/L
TE-007-GW-D	680-30390-3	10/17/07 1456	CME	1	680-86543	0.0025	U	mg/L
TE-015-GW	680-30390-4	10/17/07 1457	CME	1	680-86543	0.0025	U	mg/L
TE-015-GW-D	680-30390-5	10/17/07 1458	CME	1	680-86543	0.0025	U	mg/L
TE-016-GW	680-30390-6	10/17/07 1459	CME	1	680-86543	0.0025	U	mg/L
TE-013-GW	680-30390-8	10/17/07 1460	CME	1	680-86543	0.0025	U	mg/L
TE-013-GW-D	680-30390-9	10/17/07 1461	CME	1	680-86543	0.0025	U	mg/L
TE-014-GW	680-30390-10	10/17/07 1462	CME	1	680-86543	0.0025	U	mg/L
TE-021-GW	680-30390-11	10/17/07 1463	CME	1	680-86543	0.0025	U	mg/L
TE-021-GW-D	680-30390-12	10/17/07 1464	CME	1	680-86543	0.0025	U	mg/L
TE-022-GW	680-30390-13	10/17/07 1465	CME	1	680-86543	0.0025	U	mg/L
TE-026-GW	680-30390-14	10/17/07 1466	CME	1	680-86543	0.0025	U	mg/L
TE-031-GW	680-30390-15	10/17/07 1467	CME	1	680-86543	0.0025	U	mg/L
TE-024-GW	680-30390-17	10/17/07 1468	CME	1	680-86543	0.0025	U	mg/L

## DATA REPORTING QUALIFIERS

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

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.
	E	Result exceeded calibration range, secondary dilution required.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	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.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi 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.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate 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: 680-30390-1

Sdg Number: FLX012

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	V	Indicates the analyte was detected in both the sample and the associated method blank.
	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.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	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.

# **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:680-87401					
LCS 680-87401/19	Lab Control Spike	T	Water	8260B	
MB 680-87401/13	Method Blank	T	Water	8260B	
680-30390-2	TE-007-GW	T	Water	8260B	
680-30390-4DL	TE-015-GW	T	Water	8260B	
680-30390-5FDDL	TE-015-GW-D	T	Water	8260B	
680-30390-6	TE-016-GW	T	Water	8260B	
680-30390-8DL	TE-013-GW	T	Water	8260B	
680-30390-9FDDL	TE-013-GW-D	T	Water	8260B	
680-30390-10	TE-014-GW	T	Water	8260B	
680-30390-11	TE-021-GW	T	Water	8260B	
680-30390-12FD	TE-021-GW-D	T	Water	8260B	
680-30390-13	TE-022-GW	T	Water	8260B	
680-30390-14	TE-026-GW	T	Water	8260B	
680-30390-15	TE-031-GW	T	Water	8260B	
680-30390-16TB	TE-TB02	T	Water	8260B	
680-30390-17	TE-024-GW	T	Water	8260B	
Analysis Batch:680-87403					
LCS 680-87403/6	Lab Control Spike	T	Water	8260B	
MB 680-87403/8	Method Blank	T	Water	8260B	
680-30390-3FD	TE-007-GW-D	T	Water	8260B	
680-30390-4	TE-015-GW	T	Water	8260B	
680-30390-5FD	TE-015-GW-D	T	Water	8260B	
680-30390-7TB	TE-TB01	T	Water	8260B	
680-30390-8	TE-013-GW	T	Water	8260B	
680-30390-9FD	TE-013-GW-D	T	Water	8260B	

#### Report Basis

T = Total



## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS Semi VOA					
Prep Batch: 680-86509					
LCS 680-86509/16-A	Lab Control Spike	T	Water	3520C	
MB 680-86509/15-A	Method Blank	T	Water	3520C	
680-30390-2	TE-007-GW	T	Water	3520C	
680-30390-3FD	TE-007-GW-D	T	Water	3520C	
680-30390-4	TE-015-GW	T	Water	3520C	
680-30390-5FD	TE-015-GW-D	T	Water	3520C	
680-30390-6	TE-016-GW	T	Water	3520C	
680-30390-8	TE-013-GW	T	Water	3520C	
680-30390-9FD	TE-013-GW-D	T	Water	3520C	
680-30390-10	TE-014-GW	T	Water	3520C	
680-30390-11	TE-021-GW	T	Water	3520C	
680-30390-12FD	TE-021-GW-D	T	Water	3520C	
680-30390-13	TE-022-GW	T	Water	3520C	
680-30390-14	TE-026-GW	T	Water	3520C	
680-30390-15	TE-031-GW	T	Water	3520C	
680-30390-17	TE-024-GW	T	Water	3520C	
Analysis Batch:680-86967					
LCS 680-86509/16-A	Lab Control Spike	T	Water	8270C	680-86509
MB 680-86509/15-A	Method Blank	T	Water	8270C	680-86509
680-30390-2	TE-007-GW	T	Water	8270C	680-86509
680-30390-3FD	TE-007-GW-D	T	Water	8270C	680-86509
680-30390-6	TE-016-GW	T	Water	8270C	680-86509
680-30390-10	TE-014-GW	T	Water	8270C	680-86509
680-30390-12FD	TE-021-GW-D	T	Water	8270C	680-86509
680-30390-13	TE-022-GW	T	Water	8270C	680-86509
680-30390-15	TE-031-GW	T	Water	8270C	680-86509
Analysis Batch:680-87266					
680-30390-4	TE-015-GW	T	Water	8270C	680-86509
680-30390-5FD	TE-015-GW-D	T	Water	8270C	680-86509
680-30390-11	TE-021-GW	T	Water	8270C	680-86509
680-30390-14	TE-026-GW	T	Water	8270C	680-86509
680-30390-17	TE-024-GW	T	Water	8270C	680-86509
Analysis Batch:680-87307					
680-30390-8	TE-013-GW	T	Water	8270C	680-86509
680-30390-9FD	TE-013-GW-D	T	Water	8270C	680-86509

#### Report Basis

T = Total

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC VOA					
Analysis Batch:680-87483					
LCS 680-87483/18	Lab Control Spike	T	Water	8015B	
LCS 680-87483/22	Lab Control Spike	T	Water	8015B	
MB 680-87483/19	Method Blank	T	Water	8015B	
680-30390-2	TE-007-GW	T	Water	8015B	
680-30390-3FD	TE-007-GW-D	T	Water	8015B	
680-30390-4	TE-015-GW	T	Water	8015B	
680-30390-5FD	TE-015-GW-D	T	Water	8015B	
680-30390-6	TE-016-GW	T	Water	8015B	
680-30390-8	TE-013-GW	T	Water	8015B	
680-30390-9FD	TE-013-GW-D	T	Water	8015B	
680-30390-10	TE-014-GW	T	Water	8015B	
680-30390-11	TE-021-GW	T	Water	8015B	
680-30390-12FD	TE-021-GW-D	T	Water	8015B	
680-30390-13	TE-022-GW	T	Water	8015B	
680-30390-14	TE-026-GW	T	Water	8015B	
680-30390-15	TE-031-GW	T	Water	8015B	
680-30390-17	TE-024-GW	T	Water	8015B	

#### Report Basis

T = Total

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC Semi VOA					
Prep Batch: 680-86370					
LCS 680-86370/18-A	Lab Control Spike	T	Water	3520C	
MB 680-86370/16-A	Method Blank	T	Water	3520C	
680-30390-1	TE-001-GW	T	Water	3520C	
680-30390-2	TE-007-GW	T	Water	3520C	
680-30390-3FD	TE-007-GW-D	T	Water	3520C	
680-30390-4	TE-015-GW	T	Water	3520C	
680-30390-5FD	TE-015-GW-D	T	Water	3520C	
680-30390-6	TE-016-GW	T	Water	3520C	
680-30390-8	TE-013-GW	T	Water	3520C	
680-30390-9FD	TE-013-GW-D	T	Water	3520C	
680-30390-10	TE-014-GW	T	Water	3520C	
680-30390-11	TE-021-GW	T	Water	3520C	
680-30390-12FD	TE-021-GW-D	T	Water	3520C	
680-30390-13	TE-022-GW	T	Water	3520C	
680-30390-14	TE-026-GW	T	Water	3520C	
680-30390-15	TE-031-GW	T	Water	3520C	
680-30390-17	TE-024-GW	T	Water	3520C	
Analysis Batch:680-86885					
LCS 680-86370/18-A	Lab Control Spike	T	Water	8015B	680-86370
MB 680-86370/16-A	Method Blank	T	Water	8015B	680-86370
680-30390-1	TE-001-GW	T	Water	8015B	680-86370
680-30390-2	TE-007-GW	T	Water	8015B	680-86370
680-30390-3FD	TE-007-GW-D	T	Water	8015B	680-86370
680-30390-6	TE-016-GW	T	Water	8015B	680-86370
680-30390-10	TE-014-GW	T	Water	8015B	680-86370
680-30390-11	TE-021-GW	T	Water	8015B	680-86370
680-30390-12FD	TE-021-GW-D	T	Water	8015B	680-86370
680-30390-13	TE-022-GW	T	Water	8015B	680-86370
680-30390-14	TE-026-GW	T	Water	8015B	680-86370
680-30390-15	TE-031-GW	T	Water	8015B	680-86370

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC Semi VOA					
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	
680-30390-1	TE-001-GW	T	Water	630.1	
680-30390-2	TE-007-GW	T	Water	630.1	
680-30390-3FD	TE-007-GW-D	T	Water	630.1	
680-30390-4	TE-015-GW	T	Water	630.1	
680-30390-5FD	TE-015-GW-D	T	Water	630.1	
680-30390-6	TE-016-GW	T	Water	630.1	
680-30390-8	TE-013-GW	T	Water	630.1	
680-30390-9FD	TE-013-GW-D	T	Water	630.1	
680-30390-10	TE-014-GW	T	Water	630.1	
680-30390-11	TE-021-GW	T	Water	630.1	
680-30390-12FD	TE-021-GW-D	T	Water	630.1	
680-30390-13	TE-022-GW	T	Water	630.1	
680-30390-14	TE-026-GW	T	Water	630.1	
680-30390-15	TE-031-GW	T	Water	630.1	
680-30390-17	TE-024-GW	T	Water	630.1	
Analysis Batch:680-86889					
680-30390-4	TE-015-GW	T	Water	8015B	680-86370
680-30390-5FD	TE-015-GW-D	T	Water	8015B	680-86370
680-30390-8	TE-013-GW	T	Water	8015B	680-86370
680-30390-9FD	TE-013-GW-D	T	Water	8015B	680-86370
680-30390-17	TE-024-GW	T	Water	8015B	680-86370
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
680-30390-1	TE-001-GW	T	Water	630.1	680-86887
680-30390-2	TE-007-GW	T	Water	630.1	680-86887
680-30390-3FD	TE-007-GW-D	T	Water	630.1	680-86887
680-30390-4	TE-015-GW	T	Water	630.1	680-86887
680-30390-5FD	TE-015-GW-D	T	Water	630.1	680-86887
680-30390-6	TE-016-GW	T	Water	630.1	680-86887
680-30390-8	TE-013-GW	T	Water	630.1	680-86887
680-30390-9FD	TE-013-GW-D	T	Water	630.1	680-86887
680-30390-10	TE-014-GW	T	Water	630.1	680-86887
680-30390-11	TE-021-GW	T	Water	630.1	680-86887
680-30390-12FD	TE-021-GW-D	T	Water	630.1	680-86887
680-30390-13	TE-022-GW	T	Water	630.1	680-86887
680-30390-14	TE-026-GW	T	Water	630.1	680-86887
680-30390-15	TE-031-GW	T	Water	630.1	680-86887
680-30390-17	TE-024-GW	T	Water	630.1	680-86887

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Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1  
Sdg Number: FLX012

QC Association Summary

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

T = Total

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
Metals					
Prep Batch: 680-86543					
LCS 680-86543/18-A	Lab Control Spike	R	Water	3005A	
MB 680-86543/17-A	Method Blank	R	Water	3005A	
680-30390-2	TE-007-GW	R	Water	3005A	
680-30390-2MS	Matrix Spike	R	Water	3005A	
680-30390-2MSD	Matrix Spike Duplicate	R	Water	3005A	
680-30390-3FD	TE-007-GW-D	R	Water	3005A	
680-30390-4	TE-015-GW	R	Water	3005A	
680-30390-5FD	TE-015-GW-D	R	Water	3005A	
680-30390-6	TE-016-GW	R	Water	3005A	
680-30390-8	TE-013-GW	R	Water	3005A	
680-30390-9FD	TE-013-GW-D	R	Water	3005A	
680-30390-10	TE-014-GW	R	Water	3005A	
680-30390-11	TE-021-GW	R	Water	3005A	
680-30390-12FD	TE-021-GW-D	R	Water	3005A	
680-30390-13	TE-022-GW	R	Water	3005A	
680-30390-14	TE-026-GW	R	Water	3005A	
680-30390-15	TE-031-GW	R	Water	3005A	
680-30390-17	TE-024-GW	R	Water	3005A	
Analysis Batch:680-87279					
LCS 680-86543/18-A	Lab Control Spike	R	Water	6020	680-86543
MB 680-86543/17-A	Method Blank	R	Water	6020	680-86543
680-30390-2	TE-007-GW	R	Water	6020	680-86543
680-30390-2MS	Matrix Spike	R	Water	6020	680-86543
680-30390-2MSD	Matrix Spike Duplicate	R	Water	6020	680-86543
680-30390-3FD	TE-007-GW-D	R	Water	6020	680-86543
680-30390-4	TE-015-GW	R	Water	6020	680-86543
680-30390-5FD	TE-015-GW-D	R	Water	6020	680-86543
680-30390-6	TE-016-GW	R	Water	6020	680-86543
680-30390-8	TE-013-GW	R	Water	6020	680-86543
680-30390-9FD	TE-013-GW-D	R	Water	6020	680-86543
680-30390-10	TE-014-GW	R	Water	6020	680-86543
680-30390-11	TE-021-GW	R	Water	6020	680-86543
680-30390-12FD	TE-021-GW-D	R	Water	6020	680-86543
680-30390-13	TE-022-GW	R	Water	6020	680-86543
680-30390-14	TE-026-GW	R	Water	6020	680-86543
680-30390-15	TE-031-GW	R	Water	6020	680-86543
680-30390-17	TE-024-GW	R	Water	6020	680-86543

#### Report Basis

R = Total Recoverable

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
General Chemistry					
Analysis Batch:680-86327					
LCS 680-86327/2	Lab Control Spike	T	Water	9034	
LCSD 680-86327/3	Lab Control Spike Duplicate	T	Water	9034	
MB 680-86327/1	Method Blank	T	Water	9034	
680-30390-2	TE-007-GW	T	Water	9034	
680-30390-3FD	TE-007-GW-D	T	Water	9034	
680-30390-4	TE-015-GW	T	Water	9034	
680-30390-5FD	TE-015-GW-D	T	Water	9034	
680-30390-6	TE-016-GW	T	Water	9034	
680-30390-8	TE-013-GW	T	Water	9034	
680-30390-9FD	TE-013-GW-D	T	Water	9034	
680-30390-10	TE-014-GW	T	Water	9034	
680-30390-11	TE-021-GW	T	Water	9034	
680-30390-12FD	TE-021-GW-D	T	Water	9034	
680-30390-13	TE-022-GW	T	Water	9034	
680-30390-14	TE-026-GW	T	Water	9034	
680-30390-15	TE-031-GW	T	Water	9034	
680-30390-17	TE-024-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	
680-30390-2	TE-007-GW	T	Water	9038	
680-30390-2MS	Matrix Spike	T	Water	9038	
680-30390-2MSD	Matrix Spike Duplicate	T	Water	9038	
680-30390-3FD	TE-007-GW-D	T	Water	9038	
680-30390-4	TE-015-GW	T	Water	9038	
680-30390-5FD	TE-015-GW-D	T	Water	9038	
680-30390-6	TE-016-GW	T	Water	9038	
680-30390-8	TE-013-GW	T	Water	9038	
680-30390-9FD	TE-013-GW-D	T	Water	9038	
680-30390-10	TE-014-GW	T	Water	9038	
680-30390-11	TE-021-GW	T	Water	9038	
680-30390-12FD	TE-021-GW-D	T	Water	9038	
680-30390-13	TE-022-GW	T	Water	9038	
680-30390-13DU	Duplicate	T	Water	9038	
680-30390-14	TE-026-GW	T	Water	9038	
680-30390-15	TE-031-GW	T	Water	9038	
680-30390-17	TE-024-GW	T	Water	9038	

#### Report Basis

T = Total

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### 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 680-87401/19		104	117	106
LCS 680-87403/6		106	109	104
MB 680-87401/13		100	105	100
MB 680-87403/8		102	100	101
680-30390-2	TE-007-GW	101	102	99
680-30390-3	TE-007-GW-D	101	103	102
680-30390-4	TE-015-GW	101	102	103
680-30390-4 DL	TE-015-GW	104	98	101
680-30390-5	TE-015-GW-D	99	100	100
680-30390-5 DL	TE-015-GW-D	102	98	101
680-30390-6	TE-016-GW	100	104	99
680-30390-7	TE-TB01	99	102	101
680-30390-8	TE-013-GW	102	104	101
680-30390-8 DL	TE-013-GW	102	99	101
680-30390-9	TE-013-GW-D	98	102	101
680-30390-9 DL	TE-013-GW-D	103	100	102
680-30390-10	TE-014-GW	101	102	100
680-30390-11	TE-021-GW	99	103	100



## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Surrogate Recovery Report

#### 8260B Volatile Organic Compounds by GC/MS

##### Client Matrix: Water

		BFB %Rec	DBFM %Rec	TOL %Rec
680-30390-12	TE-021-GW-D	99	102	99
680-30390-13	TE-022-GW	99	102	104
680-30390-14	TE-026-GW	103	115	98
680-30390-15	TE-031-GW	102	119	98
680-30390-16	TE-TB02	100	115	99
680-30390-17	TE-024-GW	104	120	99

Surrogate		Acceptance Limits
BFB	4-Bromofluorobenzene	75 - 120
DBFM	Dibromofluoromethane	75 - 121
TOL	Toluene-d8 (Surr)	75 - 120

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

## 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 680-86509/16-A		71	66	74	75	109	85
MB 680-86509/15-A		72	65	70	76	100	103
680-30390-2	TE-007-GW	63	54	62	69	102	84
680-30390-3	TE-007-GW-D	62	54	63	68	100	75
680-30390-4	TE-015-GW	0 D	0 D	0 D	0 D	0 D	0 D
680-30390-5	TE-015-GW-D	0 D	0 D	0 D	0 D	0 D	0 D
680-30390-6	TE-016-GW	74	62	77	75	101	95
680-30390-8	TE-013-GW	0 D	0 D	0 D	0 D	0 D	0 D
680-30390-9	TE-013-GW-D	0 D	0 D	0 D	0 D	0 D	0 D
680-30390-10	TE-014-GW	61	67	78	66	94	89
680-30390-11	TE-021-GW	76	60	75	81	99	81
680-30390-12	TE-021-GW-D	67	57	67	71	101	66
680-30390-13	TE-022-GW	55	46 X	55	58	87	78
680-30390-14	TE-026-GW	86	71	82	90	113	86
680-30390-15	TE-031-GW	79	66	78	87	116	91
680-30390-17	TE-024-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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

## Surrogate Recovery Report

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

#### Client Matrix: Water

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: 680-30390-1

Sdg Number: FLX012

### 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 680-86370/18-A		88
MB 680-86370/16-A		110
680-30390-1	TE-001-GW	101
680-30390-2	TE-007-GW	94
680-30390-3	TE-007-GW-D	103
680-30390-4	TE-015-GW	0 D
680-30390-5	TE-015-GW-D	0 D
680-30390-6	TE-016-GW	114
680-30390-8	TE-013-GW	0 D
680-30390-9	TE-013-GW-D	0 D
680-30390-10	TE-014-GW	96
680-30390-11	TE-021-GW	105
680-30390-12	TE-021-GW-D	97
680-30390-13	TE-022-GW	106
680-30390-14	TE-026-GW	98
680-30390-15	TE-031-GW	85
680-30390-17	TE-024-GW	0 D

##### Surrogate

##### Acceptance Limits

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

## Surrogate Recovery Report

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

#### Client Matrix: Water

OTPH

o-Terphenyl

30 - 165

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

**Method Blank - Batch: 680-87401**

**Method: 8260B**

**Preparation: 5030B**

Lab Sample ID: MB 680-87401/13

Analysis Batch: 680-87401

Instrument ID: GC/MS Volatiles - O C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: oq918.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/03/2007 1231

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2007 1231

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	0.61	J	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: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-87401

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-87401/13

Analysis Batch: 680-87401

Instrument ID: GC/MS Volatiles - O C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: oq918.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/03/2007 1231

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2007 1231

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	100	75 - 120
Dibromofluoromethane	105	75 - 121
Toluene-d8 (Surr)	100	75 - 120

### Method Blank TICs- Batch: 680-87401

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon dioxide	1.00	240	J N

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Lab Control Spike - Batch: 680-87401

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87401/19

Analysis Batch: 680-87401

Instrument ID: GC/MS Volatiles - O C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: oq912.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/03/2007 1047

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2007 1047

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	124	124	17 - 175	
Benzene	50.0	53.8	108	77 - 119	
Bromodichloromethane	50.0	56.9	114	78 - 127	
Bromoform	50.0	52.7	105	62 - 133	
Bromomethane	50.0	51.4	103	12 - 184	
Carbon disulfide	50.0	58.1	116	55 - 131	
Carbon tetrachloride	50.0	60.0	120	71 - 135	
Chlorobenzene	50.0	53.9	108	85 - 116	
Chloroethane	50.0	61.5	123	40 - 165	
Chloroform	50.0	56.6	113	82 - 120	
Chloromethane	50.0	57.6	115	48 - 142	
cis-1,2-Dichloroethene	50.0	58.0	116	69 - 134	
cis-1,3-Dichloropropene	50.0	54.0	108	76 - 126	
Cyclohexane	50.0	52.6	105	54 - 138	
Dibromochloromethane	50.0	60.4	121	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	54.7	109	49 - 140	
1,2-Dibromoethane	50.0	57.1	114	80 - 121	
1,2-Dichlorobenzene	50.0	55.4	111	79 - 124	
1,3-Dichlorobenzene	50.0	55.8	112	78 - 125	
1,4-Dichlorobenzene	50.0	55.6	111	81 - 122	
Dichlorodifluoromethane	50.0	55.1	110	34 - 154	
1,1-Dichloroethane	50.0	56.4	113	74 - 127	
1,2-Dichloroethane	50.0	51.2	102	66 - 132	
1,1-Dichloroethene	50.0	58.5	117	62 - 141	
1,2-Dichloropropane	50.0	52.9	106	73 - 124	
Ethylbenzene	50.0	53.1	106	86 - 116	
2-Hexanone	100	114	114	34 - 161	
Isopropylbenzene	50.0	54.2	108	82 - 121	
Methyl acetate	50.0	57.2	114	22 - 160	
Methylcyclohexane	50.0	54.3	109	67 - 129	
Methylene Chloride	50.0	57.6	115	70 - 125	
Methyl ethyl ketone (MEK)	100	126	126	33 - 157	
Methyl isobutyl ketone (MIBK)	100	112	112	40 - 151	
Methyl tert-butyl ether	100	115	115	77 - 121	
Styrene	50.0	54.3	109	82 - 122	
1,1,2,2-Tetrachloroethane	50.0	55.6	111	69 - 129	
Tetrachloroethene	50.0	55.3	111	76 - 126	
Toluene	50.0	54.5	109	81 - 117	
trans-1,2-Dichloroethene	50.0	58.9	118	72 - 131	
trans-1,3-Dichloropropene	50.0	54.8	110	73 - 128	
1,2,4-Trichlorobenzene	50.0	59.3	119	60 - 135	

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



## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Lab Control Spike - Batch: 680-87401

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87401/19

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/03/2007 1047

Date Prepared: 10/03/2007 1047

Analysis Batch: 680-87401

Prep Batch: N/A

Units: ug/L

Instrument ID: GC/MS Volatiles - O C2

Lab File ID: oq912.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	54.7	109	76 - 127	
1,1,2-Trichloroethane	50.0	54.2	108	75 - 121	
Trichloroethene	50.0	55.8	112	84 - 115	
Trichlorofluoromethane	50.0	61.4	123	58 - 149	
1,2,4-Trimethylbenzene	50.0	54.9	110	72 - 132	
1,3,5-Trimethylbenzene	50.0	54.8	110	72 - 133	
Vinyl chloride	50.0	59.1	118	59 - 144	
Xylenes, Total	150	163	108	84 - 118	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	104		75 - 120		
Dibromofluoromethane	117		75 - 121		
Toluene-d8 (Surr)	106		75 - 120		

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

**Method Blank - Batch: 680-87403**

**Method: 8260B**

**Preparation: 5030B**

Lab Sample ID: MB 680-87403/8

Analysis Batch: 680-87403

Instrument ID: GC/MS Volatiles - O C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: oq906.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 1224

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 1224

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: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-87403

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-87403/8

Analysis Batch: 680-87403

Instrument ID: GC/MS Volatiles - O C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: oq906.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 1224

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 1224

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	102	75 - 120
Dibromofluoromethane	100	75 - 121
Toluene-d8 (Surr)	101	75 - 120

### Method Blank TICs- Batch: 680-87403

Cas Number	Analyte	RT	Est. Result	Qual
124-38-9	Carbon dioxide	1.00	230	J N

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Lab Control Spike - Batch: 680-87403

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87403/6

Analysis Batch: 680-87403

Instrument ID: GC/MS Volatiles - O C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: oq900.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 1039

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 1039

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	124	124	17 - 175	
Benzene	50.0	52.8	106	77 - 119	
Bromodichloromethane	50.0	55.7	111	78 - 127	
Bromoform	50.0	51.1	102	62 - 133	
Bromomethane	50.0	45.5	91	12 - 184	
Carbon disulfide	50.0	54.0	108	55 - 131	
Carbon tetrachloride	50.0	59.3	119	71 - 135	
Chlorobenzene	50.0	53.5	107	85 - 116	
Chloroethane	50.0	54.6	109	40 - 165	
Chloroform	50.0	53.9	108	82 - 120	
Chloromethane	50.0	55.1	110	48 - 142	
cis-1,2-Dichloroethene	50.0	56.2	112	69 - 134	
cis-1,3-Dichloropropene	50.0	54.6	109	76 - 126	
Cyclohexane	50.0	52.7	105	54 - 138	
Dibromochloromethane	50.0	60.0	120	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	56.5	113	49 - 140	
1,2-Dibromoethane	50.0	55.3	111	80 - 121	
1,2-Dichlorobenzene	50.0	55.8	112	79 - 124	
1,3-Dichlorobenzene	50.0	55.3	111	78 - 125	
1,4-Dichlorobenzene	50.0	54.3	109	81 - 122	
Dichlorodifluoromethane	50.0	54.0	108	34 - 154	
1,1-Dichloroethane	50.0	53.6	107	74 - 127	
1,2-Dichloroethane	50.0	50.0	100	66 - 132	
1,1-Dichloroethene	50.0	55.4	111	62 - 141	
1,2-Dichloropropane	50.0	51.9	104	73 - 124	
Ethylbenzene	50.0	53.9	108	86 - 116	
2-Hexanone	100	119	119	34 - 161	
Isopropylbenzene	50.0	53.7	107	82 - 121	
Methyl acetate	50.0	54.4	109	22 - 160	
Methylcyclohexane	50.0	53.1	106	67 - 129	
Methylene Chloride	50.0	55.1	110	70 - 125	
Methyl ethyl ketone (MEK)	100	123	123	33 - 157	
Methyl isobutyl ketone (MIBK)	100	111	111	40 - 151	
Methyl tert-butyl ether	100	110	110	77 - 121	
Styrene	50.0	54.7	109	82 - 122	
1,1,2,2-Tetrachloroethane	50.0	55.9	112	69 - 129	
Tetrachloroethene	50.0	55.3	111	76 - 126	
Toluene	50.0	53.8	108	81 - 117	
trans-1,2-Dichloroethene	50.0	56.2	112	72 - 131	
trans-1,3-Dichloropropene	50.0	54.8	110	73 - 128	
1,2,4-Trichlorobenzene	50.0	58.8	118	60 - 135	

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Lab Control Spike - Batch: 680-87403

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-87403/6

Analysis Batch: 680-87403

Instrument ID: GC/MS Volatiles - O C2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: oq900.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 10/02/2007 1039

Final Weight/Volume: 5 mL

Date Prepared: 10/02/2007 1039

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	53.2	106	76 - 127	
1,1,2-Trichloroethane	50.0	54.2	108	75 - 121	
Trichloroethene	50.0	55.2	110	84 - 115	
Trichlorofluoromethane	50.0	56.8	114	58 - 149	
1,2,4-Trimethylbenzene	50.0	53.8	108	72 - 132	
1,3,5-Trimethylbenzene	50.0	54.5	109	72 - 133	
Vinyl chloride	50.0	55.7	111	59 - 144	
Xylenes, Total	150	164	109	84 - 118	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	106		75 - 120		
Dibromofluoromethane	109		75 - 121		
Toluene-d8 (Surr)	104		75 - 120		

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-86509

### Method: 8270C

### Preparation: 3520C

Lab Sample ID: MB 680-86509/15-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/01/2007 1139

Date Prepared: 09/26/2007 1410

Analysis Batch: 680-86967

Prep Batch: 680-86509

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3623.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	0.57	J	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: 680-30390-1

Sdg Number: FLX012

**Method Blank - Batch: 680-86509**

**Method: 8270C**

**Preparation: 3520C**

Lab Sample ID: MB 680-86509/15-A

Analysis Batch: 680-86967

Instrument ID: GC/MS SemiVolatiles - T

Client Matrix: Water

Prep Batch: 680-86509

Lab File ID: t3623.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 10/01/2007 1139

Final Weight/Volume: 1 mL

Date Prepared: 09/26/2007 1410

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
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	65	50 - 113
2-Fluorophenol	72	36 - 110
Nitrobenzene-d5	70	45 - 112
Phenol-d5	76	38 - 116
Terphenyl-d14	103	10 - 121
2,4,6-Tribromophenol	100	40 - 139

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Method Blank TICs- Batch: 680-86509

Cas Number	Analyte	RT	Est. Result	Qual
791-28-6	Phosphine oxide, triphenyl-	10.90	51	J N
	Unknown Aldol Condensate	3.18	46	A J

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



## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Lab Control Spike - Batch: 680-86509

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 680-86509/16-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/01/2007 1708

Date Prepared: 09/26/2007 1410

Analysis Batch: 680-86967

Prep Batch: 680-86509

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3638.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	100	82.5	82	45 - 117	
Acenaphthylene	100	82.7	83	51 - 112	
Acetophenone	100	34.7	35	48 - 110	*
Aniline	100	61.2	61	10 - 114	
Anthracene	100	85.5	86	52 - 116	
Atrazine	100	101	101	45 - 140	
Benzaldehyde	100	44.6	45	27 - 160	
Benzidine	100	40.4	40	10 - 110	J
Benzo[a]anthracene	100	96.4	96	49 - 124	
Benzo[a]pyrene	100	86.6	87	48 - 120	
Benzo[b]fluoranthene	100	92.7	93	46 - 126	
Benzo[g,h,i]perylene	100	91.1	91	51 - 117	
Benzo[k]fluoranthene	100	83.9	84	47 - 126	
Benzyl alcohol	100	76.6	77	34 - 113	
1,1'-Biphenyl	100	68.3	68	47 - 112	
Bis(2-chloroethoxy)methane	100	79.5	79	50 - 112	
Bis(2-chloroethyl)ether	100	66.9	67	43 - 110	
Bis(2-ethylhexyl) phthalate	100	85.3	85	47 - 134	
4-Bromophenyl phenyl ether	100	71.4	71	42 - 110	
Butyl benzyl phthalate	100	102	102	52 - 135	
Caprolactam	100	97.1	97	29 - 128	
4-Chloroaniline	100	69.7	70	10 - 110	
4-Chloro-3-methylphenol	100	89.7	90	46 - 118	
2-Chloronaphthalene	100	79.6	80	47 - 110	
2-Chlorophenol	100	77.6	78	47 - 110	
4-Chlorophenyl phenyl ether	100	92.3	92	46 - 114	
Chrysene	100	93.7	94	51 - 123	
Dibenz(a,h)anthracene	100	92.5	92	46 - 124	
Dibenzofuran	100	86.1	86	50 - 112	
3,3'-Dichlorobenzidine	100	82.7	83	10 - 113	
2,4-Dichlorophenol	100	85.8	86	46 - 115	
Diethyl phthalate	100	92.5	93	51 - 119	
2,4-Dimethylphenol	100	62.9	63	36 - 110	
Dimethyl phthalate	100	89.0	89	50 - 116	
Di-n-butyl phthalate	100	82.4	82	49 - 123	
4,6-Dinitro-2-methylphenol	100	114	114	29 - 167	
2,4-Dinitrophenol	100	123	123	10 - 189	
2,4-Dinitrotoluene	100	103	103	49 - 128	
2,6-Dinitrotoluene	100	95.5	96	45 - 131	
Di-n-octyl phthalate	100	89.7	90	44 - 134	
1,4-Dioxane	100	44.7	45	11 - 110	

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Lab Control Spike - Batch: 680-86509

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 680-86509/16-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/01/2007 1708

Date Prepared: 09/26/2007 1410

Analysis Batch: 680-86967

Prep Batch: 680-86509

Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T

Lab File ID: t3638.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	100	94.7	95	50 - 120	
Fluorene	100	89.1	89	50 - 115	
Hexachlorobenzene	100	93.4	93	48 - 119	
Hexachlorobutadiene	100	76.0	76	40 - 110	
Hexachlorocyclopentadiene	100	15.9	16	10 - 110	
Hexachloroethane	100	64.3	64	33 - 110	
Indeno[1,2,3-cd]pyrene	100	86.0	86	40 - 126	
Isophorone	100	78.7	79	50 - 111	
Mercaptobenzothiazole	100	4.69	5	70 - 130	U *
2-Methylnaphthalene	100	84.8	85	46 - 110	
2-Methylphenol	100	76.8	77	46 - 110	
3 & 4 Methylphenol	100	77.1	77	43 - 110	
Naphthalene	100	75.5	75	41 - 110	
2-Nitroaniline	100	81.8	82	45 - 122	
3-Nitroaniline	100	88.6	89	30 - 116	
4-Nitroaniline	100	101	101	36 - 125	
Nitrobenzene	100	71.6	72	46 - 110	
2-Nitrophenol	100	88.1	88	42 - 120	
4-Nitrophenol	100	85.4	85	30 - 122	
N-Nitrosodimethylamine	100	65.3	65	33 - 110	
N-Nitrosodi-n-propylamine	100	77.3	77	45 - 112	
N-Nitrosodiphenylamine	100	92.3	92	47 - 119	
2,2'-oxybis[1-chloropropane]	100	69.8	70	42 - 110	
Pentachlorophenol	100	88.6	89	37 - 132	
Phenanthrene	100	87.1	87	52 - 117	
Phenol	100	70.8	71	39 - 110	
Pyrene	100	90.1	90	52 - 125	
2,4,5-Trichlorophenol	100	92.0	92	47 - 122	
2,4,6-Trichlorophenol	100	78.2	78	46 - 120	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	66	50 - 113
2-Fluorophenol	71	36 - 110
Nitrobenzene-d5	74	45 - 112
Phenol-d5	75	38 - 116
Terphenyl-d14	85	10 - 121
2,4,6-Tribromophenol	109	40 - 139

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-87483

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

Lab Sample ID: MB 680-87483/19  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/25/2007 1706  
Date Prepared: N/A

Analysis Batch: 680-87483  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GC Volatiles - G FID1  
Lab File ID: SP25G8.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: 680-87483

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

Lab Sample ID: LCS 680-87483/22  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/25/2007 1346  
Date Prepared: N/A

Analysis Batch: 680-87483  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GC Volatiles - G FID1  
Lab File ID: SQ25G3.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	48.0	120	50 - 150	
Dimethylamine	40.0	40.4	101	50 - 150	

### Lab Control Spike - Batch: 680-87483

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

Lab Sample ID: LCS 680-87483/18  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/25/2007 1558  
Date Prepared: N/A

Analysis Batch: 680-87483  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GC Volatiles - G FID1  
Lab File ID: SP25G6.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	50.8	127	50 - 150	
Dibutyl amine	40.0	52.8	132	50 - 150	

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-86887

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

### Method: 630.1 Preparation: 630.1

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

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

### Method: 630.1 Preparation: 630.1

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	

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-86370

**Method: 8015B**  
**Preparation: 3520C**

Lab Sample ID: MB 680-86370/16-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/28/2007 2032  
Date Prepared: 09/25/2007 1500

Analysis Batch: 680-86885  
Prep Batch: 680-86370  
Units: mg/L

Instrument ID: GC SemiVolatiles - Q  
Lab File ID: qi280029.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	110		30 - 165	

### Lab Control Spike - Batch: 680-86370

**Method: 8015B**  
**Preparation: 3520C**

Lab Sample ID: LCS 680-86370/18-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/28/2007 2058  
Date Prepared: 09/25/2007 1500

Analysis Batch: 680-86885  
Prep Batch: 680-86370  
Units: mg/L

Instrument ID: GC SemiVolatiles - Q  
Lab File ID: qi280031.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	2.09	105	40 - 140	
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	88		30 - 165		

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-86543

Lab Sample ID: MB 680-86543/17-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0842  
Date Prepared: 09/26/2007 1159

Analysis Batch: 680-87279  
Prep Batch: 680-86543  
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	0.10	J	0.090	0.25
Zinc	0.020	U	0.0065	0.020

### Lab Control Spike - Batch: 680-86543

Lab Sample ID: LCS 680-86543/18-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0849  
Date Prepared: 09/26/2007 1159

Analysis Batch: 680-87279  
Prep Batch: 680-86543  
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	0.104	104	75 - 125	
Sodium	5.00	5.51	110	75 - 125	
Zinc	0.100	0.103	103	75 - 125	

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 680-86543

Method: 6020

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 680-30390-2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0930  
Date Prepared: 09/26/2007 1159

Analysis Batch: 680-87279  
Prep Batch: 680-86543

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

MSD Lab Sample ID: 680-30390-2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0937  
Date Prepared: 09/26/2007 1159

Analysis Batch: 680-87279  
Prep Batch: 680-86543

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	97	100	75 - 125	2	20		
Sodium	-292	-287	75 - 125	0	20	V 4	V 4
Zinc	75	56	75 - 125	2	20	4	4

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### Method Blank - Batch: 680-86327

Method: 9034

Preparation: N/A

Lab Sample ID: MB 680-86327/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/24/2007 1503  
Date Prepared: N/A

Analysis Batch: 680-86327  
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: 680-86327

Method: 9034

Preparation: N/A

LCS Lab Sample ID: LCS 680-86327/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/24/2007 1503  
Date Prepared: N/A

Analysis Batch: 680-86327  
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 680-86327/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/24/2007 1503  
Date Prepared: N/A

Analysis Batch: 680-86327  
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	91	89	75 - 125	2	30		

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



## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

### 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	

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 680-87077

Method: 9038

Preparation: N/A

MS Lab Sample ID: 680-30390-2  
Client Matrix: Water  
Dilution: 20  
Date Analyzed: 10/01/2007 1405  
Date Prepared: N/A

Analysis Batch: 680-87077  
Prep Batch: N/A

Instrument ID: KoneLab1  
Lab File ID: N/A  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 680-30390-2  
Client Matrix: Water  
Dilution: 20  
Date Analyzed: 10/01/2007 1407  
Date Prepared: N/A

Analysis Batch: 680-87077  
Prep Batch: N/A

Instrument ID: KoneLab1  
Lab File ID: N/A  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfate	94	44	75 - 125	3	30	4	4

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

## Quality Control Results

Client: Solutia Inc.

Job Number: 680-30390-1

Sdg Number: FLX012

**Duplicate - Batch: 680-87077**

**Method: 9038**

**Preparation: N/A**

Lab Sample ID: 680-30390-13  
Client Matrix: Water  
Dilution: 20  
Date Analyzed: 10/01/2007 1424  
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	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate	990	939	5	30	

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

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PROJECT REFERENCE <b>FLEXSYS-T2</b>		PROJECT NO. <b>43886075</b>		PROJECT LOCATION (STATE) <b>FLA</b>		MATRIX TYPE		REQUIRED ANALYSIS										PAGE		OF					
STL (LAB) PROJECT MANAGER <b>BEAUCHAMP</b>		P.O. NUMBER		CONTRACT NO.		COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)		<div><div>VOC-8260</div><div>SVOC-8260</div><div>Zn, Ni</div><div>DIETHYLCARBAMATES</div><div>8015 HINDRAL</div><div>8015</div><div>SULFUR 45</div><div>SULFATE AND</div><div>SULFIDE</div></div>										STANDARD REPORT DELIVERY		<input type="radio"/>					
CLIENT (SITE) PM <b>ROBERT</b>		CLIENT PHONE <b>438 340 2255 815</b>		CLIENT FAX														DATE DUE		<input type="radio"/>					
CLIENT NAME <b>URS</b>		CLIENT E-MAIL <b>MARTINO_ZAVED@URS.COM</b>																DATE DUE		<input type="radio"/>					
CLIENT ADDRESS <b>URS</b>		COMPANY CONTRACTING THIS WORK (if applicable)						PRESERVATIVE										NUMBER OF COOLERS SUBMITTED PER SHIPMENT:							
SAMPLE		SAMPLE IDENTIFICATION																NUMBER OF CONTAINERS SUBMITTED							
DATE	TIME																								
20-09-07	17:00	TE-021-GW						X						3	2	1	2	2	3	1					
20-09-07	17:30	TE-021-GW-D						X						3	2	1	2	2	3	1					
20-09-07	18:00	TE-022-GW						X						3	2	1	2	2	3	1					
<div>TEMP.: 24°C</div>																									
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME														
RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME														
LABORATORY USE ONLY																									
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE	TIME	CUSTODY INTACT		CUSTODY SEAL NO.		STL SAVANNAH LOG NO.		LABORATORY REMARKS															
<b>KZ</b>		9/24/07	1100	YES <input type="radio"/> NO <input type="radio"/>				680-30390																	



## ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

**SEVERN  
TRENT****STL®**STL Savannah  
5102 LaRoche Avenue  
Savannah, GA 31404Website: www.stl-inc.com  
Phone: (912) 354-7858  
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:  
Fax:

PROJECT REFERENCE <b>FLEXSYS-TE</b>		PROJECT NO. <b>43886075</b>	PROJECT LOCATION (STATE) <b>ITALY</b>	MATRIX TYPE	REQUIRED ANALYSIS										PAGE	OF
STL (LAB) PROJECT MANAGER <b>BEAUCHAMP</b>		P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	40C-8260	SVOC-8270	Pb, Ni	DITHIOCARBAMATES	SOILS MINERAL OIL	8015	SOLUBLE AS SULFATE AND SULFIDE				STANDARD REPORT DELIVERY	<input type="radio"/>
CLIENT (SITE) PM <b>ROVLO4</b>		CLIENT PHONE <b>+39 340 2255815</b>	CLIENT FAX												DATE DUE	
CLIENT NAME <b>URS</b>		CLIENT E-MAIL <b>martino_caveda@urscorp.com</b>													EXPEDITED REPORT DELIVERY (SURCHARGE)	<input type="radio"/>
CLIENT ADDRESS <b>URS</b>															DATE DUE	
COMPANY CONTRACTING THIS WORK (if applicable)					PRESERVATIVE										NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
SAMPLE		SAMPLE IDENTIFICATION			NUMBER OF CONTAINERS SUBMITTED										REMARKS	
DATE	TIME															
21-09-07	9:00	TE-026-GW			X											
21-09-07	9:30	TE-031-GW			X											
21-09-07	10:00	TE-032			X											
21-09-07	10:30	TE-024-GW			X											
<b>TEMP.: 24°C</b>																
RELINQUISHED BY: (SIGNATURE) <b>[Signature]</b>		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	
RECEIVED BY: (SIGNATURE) <b>[Signature]</b>		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	
LABORATORY USE ONLY																
RECEIVED FOR LABORATORY BY: (SIGNATURE) <b>[Signature]</b>		DATE <b>9/24/07</b>	TIME <b>1100</b>	CUSTODY INTACT YES <input type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO.	STL SAVANNAH LOG NO. <b>680-30390</b>	LABORATORY REMARKS									

## Login Sample Receipt Check List

Client: Solutia Inc.

Job Number: 680-30390-1

SDG Number: FLX012

Login Number: 30390

List Source: TestAmerica Savannah

Creator: Conner, Keaton

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Ice excluded due to int'l shipping.
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	5 coolers received 24 C.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	1-500ml amber glass rec'd broken for -007, -007D, -013D, and 014.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	