Thursday, November 18, 2010
Analytical Results

Ed Council
LJB Engineers & Architects
3100 Research Boulevard
Dayton, OH 45420-0246
TEL: 937-259-5000
FAX 937-259-5100

RE: 09020 Piqua Power Plant

Work Order: 10K0344

Belmont Labs received 7 sample(s) on 11/5/2010 for the analyses presented in the following report.

Belmont Labs attests that all analytical methods were performed using acceptable methods, and that the QA/QC procedures stipulated in these methods were followed. USEPA's RCRA Program regards a statement of quality assurance as a legal means of assuring that acceptable and uniform laboratory methods and QA/QC practices were followed by the laboratory.

If you have any questions regarding the test results, please feel free to call me at (937) 832-8242.

Respectfully submitted,

Holly Green
Project Manager
VAP

Certifications: NELAP/NELAC - #04130 VAP - #CL0032
Ohio EPA Drinking water - #836 Ohio EPA Drinking water (Micro) - #872

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant
Lab Order: 10K0344

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Sampled Date	Received Date
10K0344-01A	MW-1d	10/30/2010 11:50:00AM	11/5/2010
10K0344-01B	MW-1d	10/30/2010 11:50:00AM	11/5/2010
10K0344-01C	MW-1d	10/30/2010 11:50:00AM	11/5/2010
10K0344-01D	MW-1d	10/30/2010 11:50:00AM	11/5/2010
10K0344-01E	MW-1d	10/30/2010 11:50:00AM	11/5/2010
10K0344-02A	MW-2d	10/30/2010 2:00:00PM	11/5/2010
10K0344-02B	MW-2d	10/30/2010 2:00:00PM	11/5/2010
10K0344-02C	MW-2d	10/30/2010 2:00:00PM	11/5/2010
10K0344-02D	MW-2d	10/30/2010 2:00:00PM	11/5/2010
10K0344-02E	MW-2d	10/30/2010 2:00:00PM	11/5/2010
10K0344-03A	MW-8d	10/29/2010 2:00:00PM	11/5/2010
10K0344-03B	MW-8d	10/29/2010 2:00:00PM	11/5/2010
10K0344-03C	MW-8d	10/29/2010 2:00:00PM	11/5/2010
10K0344-03D	MW-8d	10/29/2010 2:00:00PM	11/5/2010
10K0344-03E	MW-8d	10/29/2010 2:00:00PM	11/5/2010
10K0344-04A	MW-9d	10/29/2010 10:00:00AM	11/5/2010
10K0344-04B	MW-9d	10/29/2010 10:00:00AM	11/5/2010
10K0344-04C	MW-9d	10/29/2010 10:00:00AM	11/5/2010
10K0344-04D	MW-9d	10/29/2010 10:00:00AM	11/5/2010
10K0344-04E	MW-9d	10/29/2010 10:00:00AM	11/5/2010
10K0344-04F	MW-9d	10/29/2010 10:00:00AM	11/5/2010
10K0344-04G	MW-9d	10/29/2010 10:00:00AM	11/5/2010
10K0344-05A	MW-10d	10/29/2010 4:30:00PM	11/5/2010
10K0344-05B	MW-10d	10/29/2010 4:30:00PM	11/5/2010
10K0344-05C	MW-10d	10/29/2010 4:30:00PM	11/5/2010
10K0344-05D	MW-10d	10/29/2010 4:30:00PM	11/5/2010
10K0344-05E	MW-10d	10/29/2010 4:30:00PM	11/5/2010
10K0344-06A	MW-11d	10/30/2010 9:30:00AM	11/5/2010
10K0344-06B	MW-11d	10/30/2010 9:30:00AM	11/5/2010
10K0344-06C	MW-11d	10/30/2010 9:30:00AM	11/5/2010
10K0344-06D	MW-11d	10/30/2010 9:30:00AM	11/5/2010
10K0344-06E	MW-11d	10/30/2010 9:30:00AM	11/5/2010
10K0344-07A	T.B.	10/29/2010 10:00:00AM	11/5/2010

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

10K0344-07B	T.B.	10/29/2010 10:00:00AM	11/5/2010

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-01 **Collection Date:** 10/30/2010 11:50:00AM
Client Sample ID: MW-1d **Matrix:** Groundwater

Analysis	Result		PQL	Qual	Units	Dilution	Batch	Date Analyzed
ICP_Ag		**SW 6010B**					**Analyst: RJE**	
Silver	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Al		**SW 6010B**					**Analyst: RJE**	
Aluminum	BDL		0.0500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_As		**SW 6010B**					**Analyst: RJE**	
Arsenic	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Ba		**SW 6010B**					**Analyst: RJE**	
Barium	**0.178**		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Be		**SW 6010B**					**Analyst: RJE**	
Beryllium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Cd		**SW 6010B**					**Analyst: RJE**	
Cadmium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Co		**SW 6010B**					**Analyst: RJE**	
Cobalt	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Cr		**SW 6010B**					**Analyst: RJE**	
Chromium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Ni		**SW 6010B**					**Analyst: RJE**	
Nickel	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Pb		**SW 6010B**					**Analyst: RJE**	
Lead	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Sb		**SW 6010B**					**Analyst: RJE**	
Antimony	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Se		**SW 6010B**					**Analyst: RJE**	
Selenium	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_V		**SW 6010B**					**Analyst: RJE**	
Vanadium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:37:32AM
ICP_Zn		**SW 6010B**					**Analyst: RJE**	
Zinc	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:37:32AM
GFAA Tl		**SW 7841**					**Analyst: RJE**	

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-01 **Collection Date:** 10/30/2010 11:50:00AM
Client Sample ID: MW-1d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Thallium	BDL	0.00100		mg/L	1	1046228	11/11/2010 3:23:00PM
HG	**SW 7470A**					**Analyst: KC**	
Mercury	BDL	0.000200		mg/L	1	1047173	11/17/2010 2:40:01PM
PCB_8082	**SW 8082**					**Analyst: FRS**	
Aroclor 1016	BDL	0.500		ug/L	1	1045313	11/9/2010 8:53:00PM
Aroclor 1221	BDL	0.500		ug/L	1	1045313	11/9/2010 8:53:00PM
Aroclor 1232	BDL	0.500		ug/L	1	1045313	11/9/2010 8:53:00PM
Aroclor 1242	BDL	0.500		ug/L	1	1045313	11/9/2010 8:53:00PM
Aroclor 1248	BDL	0.500		ug/L	1	1045313	11/9/2010 8:53:00PM
Aroclor 1254	BDL	0.500		ug/L	1	1045313	11/9/2010 8:53:00PM
Aroclor 1260	BDL	0.500		ug/L	1	1045313	11/9/2010 8:53:00PM
Surrogate: Decachlorobiphenyl		*77.0 %*		*36-157*		*1045313*	11/9/2010 8:53:00PM
Surrogate: Tetrachloro-m-xylene		*52.0 %*		*28-127*		*1045313*	11/9/2010 8:53:00PM
VOC 8260	**SW 8260B**					**Analyst: kds**	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
2-Butanone	BDL	20.0		ug/L	1	1047097	11/11/2010 4:34:00AM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
2-Hexanone	BDL	20.0		ug/L	1	1047097	11/11/2010 4:34:00AM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Acetone	BDL	20.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Acetonitrile	BDL	40.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Acrolein	BDL	20.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Acrylonitrile	BDL	20.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Allyl chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Benzene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Bromobenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Bromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Bromodichloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Bromoform	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Bromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-01 **Collection Date:** 10/30/2010 11:50:00AM
Client Sample ID: MW-1d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Carbon Disulfide	BDL	20.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Chlorobenzene	**16.4**	5.00		ug/L	1	1047097	11/11/2010 3:02:00PM
Chloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Chloroform	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Chloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:02:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Dibromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Dibromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Ethylbenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Iodomethane	BDL	10.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Methylene Chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047097	11/11/2010 4:34:00AM
m,p-Xylene	BDL	10.0		ug/L	1	1047097	11/11/2010 4:34:00AM
n-Hexane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
o-Xylene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Styrene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Tetrachloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Toluene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Trichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 4:34:00AM
Vinyl Chloride	**6.33**	1.00		ug/L	1	1047097	11/11/2010 3:02:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1047097	11/11/2010 4:34:00AM
Surrogate: 4-Bromofluorobenzene	*82.3 %*			*41-140*		*1047097*	11/11/2010 4:34:00AM
Surrogate: Dibromofluoromethane	*116 %*			*34-158*		*1047097*	11/11/2010 4:34:00AM
Surrogate: Toluene-d8	*96.6 %*			*47-147*		*1047097*	11/11/2010 4:34:00AM
Surrogate: 1,2-Dichloroethane-d4	*126 %*			*29-163*		*1047097*	11/11/2010 4:34:00AM

PAH_FULL_8270 **Analyst: ZZZ**

2-Methylnaphthalene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Acenaphthene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Acenaphthylene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Anthracene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1045316	11/16/2010 4:27:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1045316	11/16/2010 4:27:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1045316	11/16/2010 4:27:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1045316	11/16/2010 4:27:00PM
Chrysene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1045316	11/16/2010 4:27:00PM
Fluoranthene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant
Lab Order: 10K0344

Lab ID: 10K0344-01
Client Sample ID: MW-1d
Collection Date: 10/30/2010 11:50:00AM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluorene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1045316	11/16/2010 4:27:00PM
Naphthalene	BDL	1.00		ug/L	1	1045316	11/16/2010 4:27:00PM
Phenanthrene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Pyrene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:27:00PM
Surrogate: Nitrobenzene-d5	*83.6 %*			*50-125*		*1045316*	11/16/2010 4:27:00PM
Surrogate: 2-Fluorobiphenyl	*69.8 %*			*50-120*		*1045316*	11/16/2010 4:27:00PM
Surrogate: Terphenyl-d14	*28.8 %*		*S-04*	*30-150*		*1045316*	11/16/2010 4:27:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-02 **Collection Date:** 10/30/2010 2:00:00PM
Client Sample ID: MW-2d **Matrix:** Groundwater

Analysis	Result		PQL	Qual	Units	Dilution	Batch	Date Analyzed
ICP_Ag		**SW 6010B**					**Analyst: RJE**	
Silver	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Al		**SW 6010B**					**Analyst: RJE**	
Aluminum	BDL		0.0500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_As		**SW 6010B**					**Analyst: RJE**	
Arsenic	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Ba		**SW 6010B**					**Analyst: RJE**	
Barium	**0.0903**		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Be		**SW 6010B**					**Analyst: RJE**	
Beryllium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Cd		**SW 6010B**					**Analyst: RJE**	
Cadmium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Co		**SW 6010B**					**Analyst: RJE**	
Cobalt	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Cr		**SW 6010B**					**Analyst: RJE**	
Chromium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Ni		**SW 6010B**					**Analyst: RJE**	
Nickel	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Pb		**SW 6010B**					**Analyst: RJE**	
Lead	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Sb		**SW 6010B**					**Analyst: RJE**	
Antimony	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Se		**SW 6010B**					**Analyst: RJE**	
Selenium	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_V		**SW 6010B**					**Analyst: RJE**	
Vanadium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:42:23AM
ICP_Zn		**SW 6010B**					**Analyst: RJE**	
Zinc	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:42:23AM
GFAA Tl		**SW 7841**					**Analyst: RJE**	

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-02 **Collection Date:** 10/30/2010 2:00:00PM
Client Sample ID: MW-2d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Thallium	BDL	0.00100		mg/L	1	1046228	11/11/2010 3:23:00PM
HG	**SW 7470A**					**Analyst: KC**	
Mercury	BDL	0.000200		mg/L	1	1047173	11/17/2010 2:40:01PM
PCB_8082	**SW 8082**					**Analyst: FRS**	
Aroclor 1016	BDL	0.500		ug/L	1	1045313	11/9/2010 9:19:00PM
Aroclor 1221	BDL	0.500		ug/L	1	1045313	11/9/2010 9:19:00PM
Aroclor 1232	BDL	0.500		ug/L	1	1045313	11/9/2010 9:19:00PM
Aroclor 1242	BDL	0.500		ug/L	1	1045313	11/9/2010 9:19:00PM
Aroclor 1248	BDL	0.500		ug/L	1	1045313	11/9/2010 9:19:00PM
Aroclor 1254	BDL	0.500		ug/L	1	1045313	11/9/2010 9:19:00PM
Aroclor 1260	BDL	0.500		ug/L	1	1045313	11/9/2010 9:19:00PM
Surrogate: Decachlorobiphenyl		*69.0 %*		*36-157*		*1045313*	11/9/2010 9:19:00PM
Surrogate: Tetrachloro-m-xylene		*64.0 %*		*28-127*		*1045313*	11/9/2010 9:19:00PM
VOC 8260	**SW 8260B**					**Analyst: kds**	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
2-Butanone	BDL	20.0		ug/L	1	1047097	11/11/2010 5:12:00AM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
2-Hexanone	BDL	20.0		ug/L	1	1047097	11/11/2010 5:12:00AM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Acetone	BDL	20.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Acetonitrile	BDL	40.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Acrolein	BDL	20.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Acrylonitrile	BDL	20.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Allyl chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Benzene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Bromobenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Bromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Bromodichloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Bromoform	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Bromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-02 **Collection Date:** 10/30/2010 2:00:00PM
Client Sample ID: MW-2d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Carbon Disulfide	BDL	20.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Chlorobenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Chloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Chloroform	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Chloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Dibromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Dibromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Ethylbenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Iodomethane	BDL	10.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Methylene Chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047097	11/11/2010 5:12:00AM
m,p-Xylene	BDL	10.0		ug/L	1	1047097	11/11/2010 5:12:00AM
n-Hexane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
o-Xylene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Styrene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Tetrachloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Toluene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Trichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Vinyl Chloride	BDL	1.00		ug/L	1	1047097	11/11/2010 5:12:00AM
Vinyl acetate	BDL	10.0		ug/L	1	1047097	11/11/2010 5:12:00AM
Surrogate: 4-Bromofluorobenzene	*82.1 %*			*41-140*		*1047097*	11/11/2010 5:12:00AM
Surrogate: Dibromofluoromethane	*115 %*			*34-158*		*1047097*	11/11/2010 5:12:00AM
Surrogate: Toluene-d8	*97.3 %*			*47-147*		*1047097*	11/11/2010 5:12:00AM
Surrogate: 1,2-Dichloroethane-d4	*122 %*			*29-163*		*1047097*	11/11/2010 5:12:00AM
PAH_FULL_8270						**Analyst: ZZZ**	
2-Methylnaphthalene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Acenaphthene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Acenaphthylene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Anthracene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1045316	11/16/2010 4:51:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1045316	11/16/2010 4:51:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1045316	11/16/2010 4:51:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1045316	11/16/2010 4:51:00PM
Chrysene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1045316	11/16/2010 4:51:00PM
Fluoranthene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-02 **Collection Date:** 10/30/2010 2:00:00PM
Client Sample ID: MW-2d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluorene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1045316	11/16/2010 4:51:00PM
Naphthalene	BDL	1.00		ug/L	1	1045316	11/16/2010 4:51:00PM
Phenanthrene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Pyrene	BDL	10.0		ug/L	1	1045316	11/16/2010 4:51:00PM
Surrogate: Nitrobenzene-d5	*82.7 %*			*50-125*		*1045316*	11/16/2010 4:51:00PM
Surrogate: 2-Fluorobiphenyl	*68.0 %*			*50-120*		*1045316*	11/16/2010 4:51:00PM
Surrogate: Terphenyl-d14	*18.6 %*		*S-04*	*30-150*		*1045316*	11/16/2010 4:51:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-03 **Collection Date:** 10/29/2010 2:00:00PM
Client Sample ID: MW-8d **Matrix:** Groundwater

Analysis	Result		PQL	Qual	Units	Dilution	Batch	Date Analyzed
ICP_Ag		**SW 6010B**					**Analyst: RJE**	
Silver	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Al		**SW 6010B**					**Analyst: RJE**	
Aluminum	BDL		0.0500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_As		**SW 6010B**					**Analyst: RJE**	
Arsenic	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Ba		**SW 6010B**					**Analyst: RJE**	
Barium	**0.0623**		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Be		**SW 6010B**					**Analyst: RJE**	
Beryllium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Cd		**SW 6010B**					**Analyst: RJE**	
Cadmium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Co		**SW 6010B**					**Analyst: RJE**	
Cobalt	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Cr		**SW 6010B**					**Analyst: RJE**	
Chromium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Ni		**SW 6010B**					**Analyst: RJE**	
Nickel	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Pb		**SW 6010B**					**Analyst: RJE**	
Lead	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Sb		**SW 6010B**					**Analyst: RJE**	
Antimony	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Se		**SW 6010B**					**Analyst: RJE**	
Selenium	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_V		**SW 6010B**					**Analyst: RJE**	
Vanadium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:47:10AM
ICP_Zn		**SW 6010B**					**Analyst: RJE**	
Zinc	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:47:10AM
GFAA Tl		**SW 7841**					**Analyst: RJE**	

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant
Lab Order: 10K0344

Lab ID: 10K0344-03
Client Sample ID: MW-8d
Collection Date: 10/29/2010 2:00:00PM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Thallium	BDL	0.00100		mg/L	1	1046228	11/11/2010 3:23:00PM
HG	**SW 7470A**					**Analyst: KC**	
Mercury	BDL	0.000200		mg/L	1	1047173	11/17/2010 2:40:01PM
PCB_8082	**SW 8082**					**Analyst: FRS**	
Aroclor 1016	BDL	0.500		ug/L	1	1045313	11/9/2010 9:44:00PM
Aroclor 1221	BDL	0.500		ug/L	1	1045313	11/9/2010 9:44:00PM
Aroclor 1232	BDL	0.500		ug/L	1	1045313	11/9/2010 9:44:00PM
Aroclor 1242	BDL	0.500		ug/L	1	1045313	11/9/2010 9:44:00PM
Aroclor 1248	BDL	0.500		ug/L	1	1045313	11/9/2010 9:44:00PM
Aroclor 1254	BDL	0.500		ug/L	1	1045313	11/9/2010 9:44:00PM
Aroclor 1260	BDL	0.500		ug/L	1	1045313	11/9/2010 9:44:00PM
Surrogate: Decachlorobiphenyl		*46.0 %*		*36-157*		*1045313*	11/9/2010 9:44:00PM
Surrogate: Tetrachloro-m-xylene		*57.0 %*		*28-127*		*1045313*	11/9/2010 9:44:00PM
VOC 8260	**SW 8260B**					**Analyst: kds**	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
2-Butanone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:45:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
2-Hexanone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:45:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Acetone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Acetonitrile	BDL	40.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Acrolein	BDL	20.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Allyl chloride	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Benzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Bromobenzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Bromoform	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Bromomethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-03 **Collection Date:** 10/29/2010 2:00:00PM
Client Sample ID: MW-8d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Carbon Disulfide	BDL	20.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Chloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Chloroform	**5.26**	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Chloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Dibromomethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Iodomethane	BDL	10.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047123	11/10/2010 9:45:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1047123	11/10/2010 9:45:00PM
n-Hexane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
o-Xylene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Styrene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Toluene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Trichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1047123	11/10/2010 9:45:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1047123	11/10/2010 9:45:00PM
Surrogate: 4-Bromofluorobenzene	*81.3 %*			*41-140*		*1047123*	11/10/2010 9:45:00PM
Surrogate: Dibromofluoromethane	*116 %*			*34-158*		*1047123*	11/10/2010 9:45:00PM
Surrogate: Toluene-d8	*92.8 %*			*47-147*		*1047123*	11/10/2010 9:45:00PM
Surrogate: 1,2-Dichloroethane-d4	*124 %*			*29-163*		*1047123*	11/10/2010 9:45:00PM

PAH_FULL_8270 **Analyst: ZZZ**

2-Methylnaphthalene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Acenaphthene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Acenaphthylene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Anthracene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1045316	11/16/2010 5:16:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1045316	11/16/2010 5:16:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1045316	11/16/2010 5:16:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1045316	11/16/2010 5:16:00PM
Chrysene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1045316	11/16/2010 5:16:00PM
Fluoranthene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-03 **Collection Date:** 10/29/2010 2:00:00PM
Client Sample ID: MW-8d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluorene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1045316	11/16/2010 5:16:00PM
Naphthalene	BDL	1.00		ug/L	1	1045316	11/16/2010 5:16:00PM
Phenanthrene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Pyrene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:16:00PM
Surrogate: Nitrobenzene-d5	*80.3 %*			*50-125*		*1045316*	11/16/2010 5:16:00PM
Surrogate: 2-Fluorobiphenyl	*68.0 %*			*50-120*		*1045316*	11/16/2010 5:16:00PM
Surrogate: Terphenyl-d14	*29.8 %*		*S-04*	*30-150*		*1045316*	11/16/2010 5:16:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-04 **Collection Date:** 10/29/2010 10:00:00AM
Client Sample ID: MW-9d **Matrix:** Groundwater

Analysis	Result		PQL	Qual	Units	Dilution	Batch	Date Analyzed
ICP_Ag		**SW 6010B**					**Analyst: RJE**	
Silver	BDL		0.000500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Al		**SW 6010B**					**Analyst: RJE**	
Aluminum	BDL		0.0500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_As		**SW 6010B**					**Analyst: RJE**	
Arsenic	BDL		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Ba		**SW 6010B**					**Analyst: RJE**	
Barium	**0.0544**		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Be		**SW 6010B**					**Analyst: RJE**	
Beryllium	BDL		0.000500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Cd		**SW 6010B**					**Analyst: RJE**	
Cadmium	BDL		0.000500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Co		**SW 6010B**					**Analyst: RJE**	
Cobalt	BDL		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Cr		**SW 6010B**					**Analyst: RJE**	
Chromium	BDL		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Ni		**SW 6010B**					**Analyst: RJE**	
Nickel	**0.00520**		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Pb		**SW 6010B**					**Analyst: RJE**	
Lead	BDL		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Sb		**SW 6010B**					**Analyst: RJE**	
Antimony	BDL		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Se		**SW 6010B**					**Analyst: RJE**	
Selenium	BDL		0.0100		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_V		**SW 6010B**					**Analyst: RJE**	
Vanadium	BDL		0.00500		mg/L	1	1046295	11/12/2010 9:20:16PM
ICP_Zn		**SW 6010B**					**Analyst: RJE**	
Zinc	BDL		0.0100		mg/L	1	1046295	11/12/2010 9:20:16PM
GFAA Tl		**SW 7841**					**Analyst: RJE**	

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-04 **Collection Date:** 10/29/2010 10:00:00AM
Client Sample ID: MW-9d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Thallium	BDL	0.00100	K	mg/L	1	1046340	11/15/2010 2:32:00PM
HG	**SW 7470A**					**Analyst: KC**	
Mercury	BDL	0.000200		mg/L	1	1047173	11/17/2010 2:40:01PM
PCB_8082	**SW 8082**					**Analyst: FRS**	
Aroclor 1016	BDL	0.500		ug/L	1	1045313	11/9/2010 10:10:00PM
Aroclor 1221	BDL	0.500		ug/L	1	1045313	11/9/2010 10:10:00PM
Aroclor 1232	BDL	0.500		ug/L	1	1045313	11/9/2010 10:10:00PM
Aroclor 1242	BDL	0.500		ug/L	1	1045313	11/9/2010 10:10:00PM
Aroclor 1248	BDL	0.500		ug/L	1	1045313	11/9/2010 10:10:00PM
Aroclor 1254	BDL	0.500		ug/L	1	1045313	11/9/2010 10:10:00PM
Aroclor 1260	BDL	0.500		ug/L	1	1045313	11/9/2010 10:10:00PM
Surrogate: Decachlorobiphenyl	*54.0 %*			*36-157*		*1045313*	11/9/2010 10:10:00PM
Surrogate: Tetrachloro-m-xylene	*50.0 %*			*28-127*		*1045313*	11/9/2010 10:10:00PM
VOC 8260	**SW 8260B**					**Analyst: kds**	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
2-Butanone	BDL	20.0		ug/L	1	1047115	11/11/2010 3:24:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
2-Hexanone	BDL	20.0		ug/L	1	1047115	11/11/2010 3:24:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Acetone	BDL	20.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Acetonitrile	BDL	40.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Acrolein	BDL	20.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Allyl chloride	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Benzene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Bromobenzene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Bromodichloromethane	**5.85**	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Bromoform	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Bromomethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-04 **Collection Date:** 10/29/2010 10:00:00AM
Client Sample ID: MW-9d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Carbon Disulfide	BDL	20.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Chloroethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Chloroform	**29.7**	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Chloromethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Dibromomethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Iodomethane	BDL	10.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047115	11/11/2010 3:24:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1047115	11/11/2010 3:24:00PM
n-Hexane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
o-Xylene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Styrene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Toluene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Trichloroethene	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1047115	11/11/2010 3:24:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1047115	11/11/2010 3:24:00PM
Surrogate: 4-Bromofluorobenzene	*85.3 %*			*41-140*		*1047115*	11/11/2010 3:24:00PM
Surrogate: Dibromofluoromethane	*103 %*			*34-158*		*1047115*	11/11/2010 3:24:00PM
Surrogate: Toluene-d8	*97.8 %*			*47-147*		*1047115*	11/11/2010 3:24:00PM
Surrogate: 1,2-Dichloroethane-d4	*114 %*			*29-163*		*1047115*	11/11/2010 3:24:00PM

PAH_FULL_8270 **Analyst: ZZZ**

2-Methylnaphthalene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Acenaphthene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Acenaphthylene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Anthracene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1045316	11/16/2010 5:40:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1045316	11/16/2010 5:40:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1045316	11/16/2010 5:40:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1045316	11/16/2010 5:40:00PM
Chrysene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1045316	11/16/2010 5:40:00PM
Fluoranthene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant
Lab Order: 10K0344

Lab ID: 10K0344-04
Client Sample ID: MW-9d
Collection Date: 10/29/2010 10:00:00AM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluorene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1045316	11/16/2010 5:40:00PM
Naphthalene	BDL	1.00		ug/L	1	1045316	11/16/2010 5:40:00PM
Phenanthrene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Pyrene	BDL	10.0		ug/L	1	1045316	11/16/2010 5:40:00PM
Surrogate: Nitrobenzene-d5	*88.1 %*			*50-125*		*1045316*	11/16/2010 5:40:00PM
Surrogate: 2-Fluorobiphenyl	*72.0 %*			*50-120*		*1045316*	11/16/2010 5:40:00PM
Surrogate: Terphenyl-d14	*24.8 %*			*30-150*		*1045316*	11/16/2010 5:40:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-05 **Collection Date:** 10/29/2010 4:30:00PM
Client Sample ID: MW-10d **Matrix:** Groundwater

Analysis	Result		PQL	Qual	Units	Dilution	Batch	Date Analyzed
ICP_Ag		**SW 6010B**					**Analyst: RJE**	
Silver	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Al		**SW 6010B**					**Analyst: RJE**	
Aluminum	BDL		0.0500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_As		**SW 6010B**					**Analyst: RJE**	
Arsenic	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Ba		**SW 6010B**					**Analyst: RJE**	
Barium	**0.146**		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Be		**SW 6010B**					**Analyst: RJE**	
Beryllium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Cd		**SW 6010B**					**Analyst: RJE**	
Cadmium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Co		**SW 6010B**					**Analyst: RJE**	
Cobalt	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Cr		**SW 6010B**					**Analyst: RJE**	
Chromium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Ni		**SW 6010B**					**Analyst: RJE**	
Nickel	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Pb		**SW 6010B**					**Analyst: RJE**	
Lead	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Sb		**SW 6010B**					**Analyst: RJE**	
Antimony	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Se		**SW 6010B**					**Analyst: RJE**	
Selenium	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_V		**SW 6010B**					**Analyst: RJE**	
Vanadium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:52:08AM
ICP_Zn		**SW 6010B**					**Analyst: RJE**	
Zinc	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:52:08AM
GFAA Tl		**SW 7841**					**Analyst: RJE**	

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-05 **Collection Date:** 10/29/2010 4:30:00PM
Client Sample ID: MW-10d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Thallium	BDL	0.00100		mg/L	1	1046228	11/11/2010 3:23:00PM
HG	**SW 7470A**					**Analyst: KC**	
Mercury	BDL	0.000200		mg/L	1	1047173	11/17/2010 2:40:01PM
PCB_8082	**SW 8082**					**Analyst: FRS**	
Aroclor 1016	BDL	0.500		ug/L	1	1045313	11/9/2010 10:35:00PM
Aroclor 1221	BDL	0.500		ug/L	1	1045313	11/9/2010 10:35:00PM
Aroclor 1232	BDL	0.500		ug/L	1	1045313	11/9/2010 10:35:00PM
Aroclor 1242	BDL	0.500		ug/L	1	1045313	11/9/2010 10:35:00PM
Aroclor 1248	BDL	0.500		ug/L	1	1045313	11/9/2010 10:35:00PM
Aroclor 1254	BDL	0.500		ug/L	1	1045313	11/9/2010 10:35:00PM
Aroclor 1260	BDL	0.500		ug/L	1	1045313	11/9/2010 10:35:00PM
Surrogate: Decachlorobiphenyl		*55.0 %*		*36-157*		*1045313*	11/9/2010 10:35:00PM
Surrogate: Tetrachloro-m-xylene		*85.0 %*		*28-127*		*1045313*	11/9/2010 10:35:00PM
VOC 8260	**SW 8260B**					**Analyst: kds**	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
2-Butanone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:12:00AM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
2-Hexanone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:12:00AM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Acetone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Acetonitrile	BDL	40.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Acrolein	BDL	20.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Acrylonitrile	BDL	20.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Allyl chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Benzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Bromobenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Bromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Bromodichloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Bromoform	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Bromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-05 **Collection Date:** 10/29/2010 4:30:00PM
Client Sample ID: MW-10d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Carbon Disulfide	BDL	20.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Chlorobenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Chloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Chloroform	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Chloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Dibromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Dibromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Ethylbenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Iodomethane	BDL	10.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Methylene Chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047097	11/11/2010 3:12:00AM
m,p-Xylene	BDL	10.0		ug/L	1	1047097	11/11/2010 3:12:00AM
n-Hexane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
o-Xylene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Styrene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Tetrachloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Toluene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Trichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Vinyl Chloride	BDL	1.00		ug/L	1	1047097	11/11/2010 3:12:00AM
Vinyl acetate	BDL	10.0		ug/L	1	1047097	11/11/2010 3:12:00AM
Surrogate: 4-Bromofluorobenzene	*84.7 %*			*41-140*		*1047097*	11/11/2010 3:12:00AM
Surrogate: Dibromofluoromethane	*115 %*			*34-158*		*1047097*	11/11/2010 3:12:00AM
Surrogate: Toluene-d8	*99.1 %*			*47-147*		*1047097*	11/11/2010 3:12:00AM
Surrogate: 1,2-Dichloroethane-d4	*124 %*			*29-163*		*1047097*	11/11/2010 3:12:00AM
PAH_FULL_8270						**Analyst: ZZZ**	
2-Methylnaphthalene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Acenaphthene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Acenaphthylene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Anthracene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1045316	11/16/2010 6:04:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1045316	11/16/2010 6:04:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1045316	11/16/2010 6:04:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1045316	11/16/2010 6:04:00PM
Chrysene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1045316	11/16/2010 6:04:00PM
Fluoranthene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-05 **Collection Date:** 10/29/2010 4:30:00PM
Client Sample ID: MW-10d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluorene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1045316	11/16/2010 6:04:00PM
Naphthalene	BDL	1.00		ug/L	1	1045316	11/16/2010 6:04:00PM
Phenanthrene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Pyrene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:04:00PM
Surrogate: Nitrobenzene-d5	*85.2 %*			*50-125*		*1045316*	11/16/2010 6:04:00PM
Surrogate: 2-Fluorobiphenyl	*70.2 %*			*50-120*		*1045316*	11/16/2010 6:04:00PM
Surrogate: Terphenyl-d14	*27.2 %*		*S-04*	*30-150*		*1045316*	11/16/2010 6:04:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-06 **Collection Date:** 10/30/2010 9:30:00AM
Client Sample ID: MW-11d **Matrix:** Groundwater

Analysis	Result		PQL	Qual	Units	Dilution	Batch	Date Analyzed
ICP_Ag		**SW 6010B**					**Analyst: RJE**	
Silver	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Al		**SW 6010B**					**Analyst: RJE**	
Aluminum	BDL		0.0500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_As		**SW 6010B**					**Analyst: RJE**	
Arsenic	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Ba		**SW 6010B**					**Analyst: RJE**	
Barium	**0.275**		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Be		**SW 6010B**					**Analyst: RJE**	
Beryllium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Cd		**SW 6010B**					**Analyst: RJE**	
Cadmium	BDL		0.000500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Co		**SW 6010B**					**Analyst: RJE**	
Cobalt	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Cr		**SW 6010B**					**Analyst: RJE**	
Chromium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Ni		**SW 6010B**					**Analyst: RJE**	
Nickel	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Pb		**SW 6010B**					**Analyst: RJE**	
Lead	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Sb		**SW 6010B**					**Analyst: RJE**	
Antimony	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Se		**SW 6010B**					**Analyst: RJE**	
Selenium	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_V		**SW 6010B**					**Analyst: RJE**	
Vanadium	BDL		0.00500		mg/L	1	1046178	11/11/2010 1:56:43AM
ICP_Zn		**SW 6010B**					**Analyst: RJE**	
Zinc	BDL		0.0100		mg/L	1	1046178	11/11/2010 1:56:43AM
GFAA Tl		**SW 7841**					**Analyst: RJE**	

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-06 **Collection Date:** 10/30/2010 9:30:00AM
Client Sample ID: MW-11d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Thallium	BDL	0.00100		mg/L	1	1046228	11/11/2010 3:23:00PM
HG	**SW 7470A**					**Analyst: KC**	
Mercury	BDL	0.000200		mg/L	1	1047173	11/17/2010 2:40:01PM
PCB_8082	**SW 8082**					**Analyst: FRS**	
Aroclor 1016	BDL	0.500		ug/L	1	1045313	11/9/2010 11:01:00PM
Aroclor 1221	BDL	0.500		ug/L	1	1045313	11/9/2010 11:01:00PM
Aroclor 1232	BDL	0.500		ug/L	1	1045313	11/9/2010 11:01:00PM
Aroclor 1242	BDL	0.500		ug/L	1	1045313	11/9/2010 11:01:00PM
Aroclor 1248	BDL	0.500		ug/L	1	1045313	11/9/2010 11:01:00PM
Aroclor 1254	BDL	0.500		ug/L	1	1045313	11/9/2010 11:01:00PM
Aroclor 1260	BDL	0.500		ug/L	1	1045313	11/9/2010 11:01:00PM
Surrogate: Decachlorobiphenyl		*44.0 %*		*36-157*		*1045313*	11/9/2010 11:01:00PM
Surrogate: Tetrachloro-m-xylene		*54.0 %*		*28-127*		*1045313*	11/9/2010 11:01:00PM
VOC 8260	**SW 8260B**					**Analyst: kds**	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
2-Butanone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:54:00AM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
2-Hexanone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:54:00AM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Acetone	BDL	20.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Acetonitrile	BDL	40.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Acrolein	BDL	20.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Acrylonitrile	BDL	20.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Allyl chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Benzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Bromobenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Bromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Bromodichloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Bromoform	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Bromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-06 **Collection Date:** 10/30/2010 9:30:00AM
Client Sample ID: MW-11d **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Carbon Disulfide	BDL	20.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Chlorobenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Chloroethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Chloroform	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Chloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Dibromochloromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Dibromomethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Ethylbenzene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Iodomethane	BDL	10.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Methylene Chloride	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047097	11/11/2010 3:54:00AM
m,p-Xylene	BDL	10.0		ug/L	1	1047097	11/11/2010 3:54:00AM
n-Hexane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
o-Xylene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Styrene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Tetrachloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Toluene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Trichloroethene	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Vinyl Chloride	BDL	1.00		ug/L	1	1047097	11/11/2010 3:54:00AM
Vinyl acetate	BDL	10.0		ug/L	1	1047097	11/11/2010 3:54:00AM
Surrogate: 4-Bromofluorobenzene	*83.5 %*			*41-140*		*1047097*	11/11/2010 3:54:00AM
Surrogate: Dibromofluoromethane	*116 %*			*34-158*		*1047097*	11/11/2010 3:54:00AM
Surrogate: Toluene-d8	*96.5 %*			*47-147*		*1047097*	11/11/2010 3:54:00AM
Surrogate: 1,2-Dichloroethane-d4	*127 %*			*29-163*		*1047097*	11/11/2010 3:54:00AM

PAH_FULL_8270 **Analyst: ZZZ**

2-Methylnaphthalene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Acenaphthene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Acenaphthylene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Anthracene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1045316	11/16/2010 6:28:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1045316	11/16/2010 6:28:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1045316	11/16/2010 6:28:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1045316	11/16/2010 6:28:00PM
Chrysene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1045316	11/16/2010 6:28:00PM
Fluoranthene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant
Lab Order: 10K0344

Lab ID: 10K0344-06
Client Sample ID: MW-11d
Collection Date: 10/30/2010 9:30:00AM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluorene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1045316	11/16/2010 6:28:00PM
Naphthalene	BDL	1.00		ug/L	1	1045316	11/16/2010 6:28:00PM
Phenanthrene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Pyrene	BDL	10.0		ug/L	1	1045316	11/16/2010 6:28:00PM
Surrogate: Nitrobenzene-d5	*83.8 %*			*50-125*		*1045316*	11/16/2010 6:28:00PM
Surrogate: 2-Fluorobiphenyl	*68.1 %*			*50-120*		*1045316*	11/16/2010 6:28:00PM
Surrogate: Terphenyl-d14	*25.5 %*		*S-04*	*30-150*		*1045316*	11/16/2010 6:28:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-07 **Collection Date:** 10/29/2010 10:00:00AM
Client Sample ID: T.B. **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC 8260_TB	**SW 8260B**					**Analyst: kds**	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
2-Butanone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:04:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
2-Hexanone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:04:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Acetone	BDL	20.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Acetonitrile	BDL	40.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Acrolein	BDL	20.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Allyl chloride	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Benzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Bromobenzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Bromoform	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Bromomethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Chloroethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Chloroform	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Chloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Dibromomethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Iodomethane	BDL	10.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047123	11/10/2010 9:04:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1047123	11/10/2010 9:04:00PM
n-Butylbenzene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM

CLIENT: LJB Engineers & Architects **Lab Order:** 10K0344
Project: 09020 Piqua Power Plant

Lab ID: 10K0344-07 **Collection Date:** 10/29/2010 10:00:00AM
Client Sample ID: T.B. **Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
n-Hexane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
o-Xylene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Styrene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Toluene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Trichloroethene	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1047123	11/10/2010 9:04:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1047123	11/10/2010 9:04:00PM
Surrogate: 4-Bromofluorobenzene	*82.5 %*			*41-140*		*1047123*	11/10/2010 9:04:00PM
Surrogate: Dibromofluoromethane	*115 %*			*34-158*		*1047123*	11/10/2010 9:04:00PM
Surrogate: Toluene-d8	*95.5 %*			*47-147*		*1047123*	11/10/2010 9:04:00PM
Surrogate: 1,2-Dichloroethane-d4	*124 %*			*29-163*		*1047123*	11/10/2010 9:04:00PM

Belmont Labs
The Environmental Service Company.

ANALYTICAL REQUEST CHAIN OF CUSTODY

Internal Lab Order Number 10K0344

Purchase Order No.	Quote No.	Client Project

INVOICE TO
Name: Mark Butler
Company: B.R.G
Address:
City, State, Zip: Akron

REPORT TO
Name: Ed Council
Company: CJB
Mailing Address: 3100 Research Blvd
City, State, Zip: Dayton
Phone No.: 937-259-5163 Fax No.:

Date Results Req: Rush Charges Authorized? ☐ Yes ☐ No | Fax Results ☐

Special Instructions:

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Regulatory Type
☐ NPDES
☐ RCRA
☐ SDWA
☐ VAP
☐ Other
Collected in State of _____

Matrix Key
DW - Drinking Water
GW - Ground Water
S - Soil/Solid
SL - Sludge
WW - Waste Water
Specify Other

ANALYSIS REQUESTED
(Enter an "X" in the box below to indicate request and circle preservative)

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	VOCs 8260 HNO3, HCl, H2SO4, Ice, None, Other	PAHs 8270 HNO3, HCl, H2SO4, Ice, None, Other	PCBs 8082 HNO3, HCl, H2SO4, Ice, None, Other	Vap Metals HNO3, HCl, H2SO4, Ice, None, Other	HNO3, HCl, H2SO4, Ice, None, Other	HNO3, HCl, H2SO4, Ice, None, Other	HNO3, HCl, H2SO4, Ice, None, Other	HNO3, HCl, H2SO4, Ice, None, Other	Lab Only
MW-1d	10-30	11:50		/	water	5	/	/	/	/					
MW-2d	10-30	14:00		/		5	/	/	/	/					
MW-8d	10-29	11:00		/		5	/	/	/	/					
MW-9d	10-29	10:00		/		5	/	/	/	/					
MW-10d	10-29	15:30		/		5	/	/	/	/					
MW-11d	~~10-30~~ 10-30 EAC	930		/		5	/	/	/						
Trip Blank	~~102710~~ 10-30 EAC	—		—		2	/								
Trip Blank	102710	—		—		2	/								
~~EAC Decon~~	10-30	—		—	↓	5	/	/	/	NA	Decl. eq. of Tubing				

CHAIN OF CUSTODY (if required)

Relinquished by: [signature] Date/Time 11-4-10 2:00
Received by: Date/Time
Relinquished by: Date/Time
Received at lab by: P. Whitaker Date/Time 11-5-10 14:55
Method of Shipment: UPT
Cooler Temp. 2.1° ice Custody Seals ☐ Yes ☐ No
Sampled by: Cyndie Ellington/ACT Date 11-4-10
Client Comments

DISTRIBUTION:
WHITE - Laboratory
YELLOW - Accounting

Please return completed form and samples to Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868

A & B Litho-Form #9786-5/02

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046178 - PREP_ICP_W										
Blank (1046178-BLK1)				Prepared & Analyzed: 11/10/10						
Aluminum	BDL	0.0500	mg/L							
Antimony	BDL	0.00500	mg/L							
Arsenic	BDL	0.00500	mg/L							
Barium	BDL	0.00500	mg/L							
Beryllium	BDL	0.000500	mg/L							
Cadmium	BDL	0.000500	mg/L							
Chromium	BDL	0.00500	mg/L							
Cobalt	BDL	0.00500	mg/L							
Lead	BDL	0.00500	mg/L							
Nickel	BDL	0.00500	mg/L							
Selenium	BDL	0.0100	mg/L							
Silver	BDL	0.000500	mg/L							
Vanadium	BDL	0.00500	mg/L							
Zinc	BDL	0.0100	mg/L							
LCS (1046178-BS1)				Prepared & Analyzed: 11/10/10						
Aluminum	0.952	0.0500	mg/L	1.000		95.2	85-115			
Antimony	0.890	0.00500	mg/L	1.000		89.0	85-115			
Arsenic	0.858	0.00500	mg/L	1.000		85.8	85-115			
Barium	0.870	0.00500	mg/L	1.000		87.0	85-115			
Beryllium	0.863	0.000500	mg/L	1.000		86.3	85-115			
Cadmium	0.843	0.000500	mg/L	1.000		84.3	85-115			A-01
Chromium	0.859	0.00500	mg/L	1.000		85.9	85-115			
Cobalt	0.851	0.00500	mg/L	1.000		85.1	85-115			
Lead	0.856	0.00500	mg/L	1.000		85.6	85-115			
Nickel	0.870	0.00500	mg/L	1.000		87.0	85-115			
Selenium	0.869	0.0100	mg/L	1.000		86.9	85-115			
Silver	0.892	0.000500	mg/L	1.000		89.2	85-115			
Vanadium	0.898	0.00500	mg/L	1.000		89.8	85-115			
Zinc	0.868	0.0100	mg/L	1.000		86.8	85-115			

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046178 - PREP_ICP_W										
LCS Dup (1046178-BSD1)				Prepared & Analyzed: 11/10/10						
Aluminum	0.979	0.0500	mg/L	1.000		97.9	85-115	2.80	20	
Antimony	0.913	0.00500	mg/L	1.000		91.3	85-115	2.55	20	
Arsenic	0.882	0.00500	mg/L	1.000		88.2	85-115	2.76	20	
Barium	0.897	0.00500	mg/L	1.000		89.7	85-115	3.06	20	
Beryllium	0.885	0.000500	mg/L	1.000		88.5	85-115	2.52	20	
Cadmium	0.851	0.000500	mg/L	1.000		85.1	85-115	0.945	20	
Chromium	0.881	0.00500	mg/L	1.000		88.1	85-115	2.53	20	
Cobalt	0.871	0.00500	mg/L	1.000		87.1	85-115	2.32	20	
Lead	0.854	0.00500	mg/L	1.000		85.4	85-115	0.234	20	
Nickel	0.872	0.00500	mg/L	1.000		87.2	85-115	0.230	20	
Selenium	0.872	0.0100	mg/L	1.000		87.2	85-115	0.345	20	
Silver	0.920	0.000500	mg/L	1.000		92.0	85-115	3.09	20	
Vanadium	0.921	0.00500	mg/L	1.000		92.1	85-115	2.53	20	
Zinc	0.889	0.0100	mg/L	1.000		88.9	85-115	2.39	20	
Duplicate (1046178-DUP1)		**Source: 10J1393-13**		Prepared & Analyzed: 11/10/10						
Aluminum	0.0249	0.0500	mg/L		0.0448			57.1	20	R
Antimony	0.00208	0.00500	mg/L		0.0178			158	20	R
Arsenic	0.00645	0.00500	mg/L		0.0191			99.0	20	R
Barium	0.00849	0.00500	mg/L		0.00928			8.89	20	
Beryllium	BDL	0.000500	mg/L		ND				20	
Cadmium	BDL	0.000500	mg/L		ND				20	
Chromium	BDL	0.00500	mg/L		ND				20	
Cobalt	BDL	0.00500	mg/L		ND				20	
Lead	BDL	0.00500	mg/L		ND				20	
Nickel	BDL	0.00500	mg/L		0.000590				20	
Selenium	BDL	0.0100	mg/L		ND				20	
Silver	BDL	0.000500	mg/L		ND				20	
Vanadium	0.000200	0.00500	mg/L		ND				20	
Zinc	BDL	0.0100	mg/L		ND				20	

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046178 - PREP_ICP_W										
Matrix Spike (1046178-MS1)		**Source: 10J1494-07**		Prepared & Analyzed: 11/10/10						
Aluminum	0.973	0.0500	mg/L	1.000	ND	97.3	75-125			
Antimony	0.908	0.00500	mg/L	1.000	ND	90.8	75-125			
Arsenic	0.881	0.00500	mg/L	1.000	0.00160	87.9	75-125			
Barium	0.893	0.00500	mg/L	1.000	ND	89.3	75-125			
Beryllium	0.882	0.000500	mg/L	1.000	ND	88.2	75-125			
Cadmium	0.843	0.000500	mg/L	1.000	0.000780	84.2	75-125			
Chromium	0.879	0.00500	mg/L	1.000	ND	87.9	75-125			
Cobalt	0.872	0.00500	mg/L	1.000	ND	87.2	75-125			
Lead	0.856	0.00500	mg/L	1.000	ND	85.6	75-125			
Nickel	0.870	0.00500	mg/L	1.000	0.000640	86.9	75-125			
Selenium	0.869	0.0100	mg/L	1.000	ND	86.9	75-125			
Silver	0.911	0.000500	mg/L	1.000	ND	91.1	75-125			
Vanadium	0.919	0.00500	mg/L	1.000	ND	91.9	75-125			
Zinc	0.930	0.0100	mg/L	1.000	0.0462	88.4	75-125			
Matrix Spike Dup (1046178-MSD1)		**Source: 10J1494-07**		Prepared & Analyzed: 11/10/10						
Aluminum	0.996	0.0500	mg/L	1.000	ND	99.6	75-125	2.34	20	
Antimony	0.928	0.00500	mg/L	1.000	ND	92.8	75-125	2.18	20	
Arsenic	0.895	0.00500	mg/L	1.000	0.00160	89.3	75-125	1.58	20	
Barium	0.909	0.00500	mg/L	1.000	ND	90.9	75-125	1.78	20	
Beryllium	0.898	0.000500	mg/L	1.000	ND	89.8	75-125	1.80	20	
Cadmium	0.851	0.000500	mg/L	1.000	0.000780	85.0	75-125	0.945	20	
Chromium	0.894	0.00500	mg/L	1.000	ND	89.4	75-125	1.69	20	
Cobalt	0.887	0.00500	mg/L	1.000	ND	88.7	75-125	1.71	20	
Lead	0.865	0.00500	mg/L	1.000	ND	86.5	75-125	1.05	20	
Nickel	0.883	0.00500	mg/L	1.000	0.000640	88.2	75-125	1.48	20	
Selenium	0.888	0.0100	mg/L	1.000	ND	88.8	75-125	2.16	20	
Silver	0.931	0.000500	mg/L	1.000	ND	93.1	75-125	2.17	20	
Vanadium	0.938	0.00500	mg/L	1.000	ND	93.8	75-125	2.05	20	
Zinc	0.945	0.0100	mg/L	1.000	0.0462	89.9	75-125	1.60	20	

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046178 - PREP_ICP_W										
Post Spike (1046178-PS1)	**Source: 10J1494-07**			Prepared & Analyzed: 11/10/10						
Aluminum	0.990		mg/L	1.000	-0.00225	99.2	0-200			
Antimony	0.812		mg/L	1.000	-0.00183	81.4	0-200			
Arsenic	0.741		mg/L	1.000	0.00160	73.9	0-200			
Barium	0.898		mg/L	1.000	-0.00140	89.9	0-200			
Beryllium	0.888		mg/L	1.000	-0.000120	88.8	0-200			
Cadmium	0.841		mg/L	1.000	0.000780	84.0	0-200			
Chromium	0.885		mg/L	1.000	-0.000400	88.5	0-200			
Cobalt	0.876		mg/L	1.000	-0.000890	87.7	0-200			
Lead	0.855		mg/L	1.000	0.000370	85.5	0-200			
Nickel	0.873		mg/L	1.000	0.000640	87.2	0-200			
Selenium	0.873		mg/L	1.000	0.00187	87.1	0-200			
Silver	0.919		mg/L	1.000	-0.000330	91.9	0-200			
Vanadium	0.928		mg/L	1.000	-0.000190	92.8	0-200			
Zinc	0.936		mg/L	1.000	0.0462	89.0	0-200			
Batch 1046295 - PREP_ICP_W										
Blank (1046295-BLK1)				Prepared: 11/11/10 Analyzed: 11/12/10						
Aluminum	BDL	0.0500	mg/L							
Antimony	BDL	0.00500	mg/L							
Arsenic	BDL	0.00500	mg/L							
Barium	BDL	0.00500	mg/L							
Beryllium	BDL	0.000500	mg/L							
Cadmium	BDL	0.000500	mg/L							
Chromium	BDL	0.00500	mg/L							
Cobalt	BDL	0.00500	mg/L							
Lead	BDL	0.00500	mg/L							
Nickel	BDL	0.00500	mg/L							
Selenium	BDL	0.0100	mg/L							
Silver	BDL	0.000500	mg/L							
Vanadium	BDL	0.00500	mg/L							
Zinc	BDL	0.0100	mg/L							

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046295 - PREP_ICP_W										
LCS (1046295-BS1)				Prepared: 11/11/10 Analyzed: 11/12/10						
Aluminum	1.01	0.0500	mg/L	1.000		101	85-115			
Antimony	1.01	0.00500	mg/L	1.000		101	85-115			
Arsenic	1.01	0.00500	mg/L	1.000		101	85-115			
Barium	0.965	0.00500	mg/L	1.000		96.5	85-115			
Beryllium	0.999	0.000500	mg/L	1.000		99.9	85-115			
Cadmium	0.987	0.000500	mg/L	1.000		98.7	85-115			
Chromium	1.01	0.00500	mg/L	1.000		101	85-115			
Cobalt	0.976	0.00500	mg/L	1.000		97.6	85-115			
Lead	0.983	0.00500	mg/L	1.000		98.3	85-115			
Nickel	1.00	0.00500	mg/L	1.000		100	85-115			
Selenium	0.999	0.0100	mg/L	1.000		99.9	85-115			
Silver	0.981	0.000500	mg/L	1.000		98.1	85-115			
Vanadium	1.01	0.00500	mg/L	1.000		101	85-115			
Zinc	0.992	0.0100	mg/L	1.000		99.2	85-115			
LCS Dup (1046295-BSD1)				Prepared: 11/11/10 Analyzed: 11/12/10						
Aluminum	1.01	0.0500	mg/L	1.000		101	85-115	0.00	20	
Antimony	1.00	0.00500	mg/L	1.000		100	85-115	0.995	20	
Arsenic	1.01	0.00500	mg/L	1.000		101	85-115	0.00	20	
Barium	0.961	0.00500	mg/L	1.000		96.1	85-115	0.415	20	
Beryllium	0.992	0.000500	mg/L	1.000		99.2	85-115	0.703	20	
Cadmium	0.983	0.000500	mg/L	1.000		98.3	85-115	0.406	20	
Chromium	1.00	0.00500	mg/L	1.000		100	85-115	0.995	20	
Cobalt	0.969	0.00500	mg/L	1.000		96.9	85-115	0.720	20	
Lead	0.977	0.00500	mg/L	1.000		97.7	85-115	0.612	20	
Nickel	0.999	0.00500	mg/L	1.000		99.9	85-115	0.100	20	
Selenium	0.996	0.0100	mg/L	1.000		99.6	85-115	0.301	20	
Silver	0.971	0.000500	mg/L	1.000		97.1	85-115	1.02	20	
Vanadium	1.00	0.00500	mg/L	1.000		100	85-115	0.995	20	
Zinc	0.986	0.0100	mg/L	1.000		98.6	85-115	0.607	20	

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046295 - PREP_ICP_W										
Duplicate (1046295-DUP1)	**Source: 10K0246-01**			Prepared: 11/11/10 Analyzed: 11/12/10						
Aluminum	12.3	0.0500	mg/L		12.2			0.816	20	
Antimony	0.00384	0.00500	mg/L		0.0125			106	20	R
Arsenic	0.0289	0.00500	mg/L		0.0364			23.0	20	R
Barium	0.138	0.00500	mg/L		0.137			0.727	20	
Beryllium	0.000630	0.000500	mg/L		0.000640			1.57	20	
Cadmium	0.00248	0.000500	mg/L		0.00255			2.78	20	
Chromium	0.0218	0.00500	mg/L		0.0219			0.458	20	
Cobalt	0.0111	0.00500	mg/L		0.0114			2.67	20	
Lead	0.0284	0.00500	mg/L		0.0290			2.09	20	
Nickel	0.0315	0.00500	mg/L		0.0314			0.318	20	
Selenium	BDL	0.0100	mg/L		ND				20	
Silver	BDL	0.000500	mg/L		ND				20	
Vanadium	0.0276	0.00500	mg/L		0.0274			0.727	20	
Zinc	0.249	0.0100	mg/L		0.248			0.402	20	
Matrix Spike (1046295-MS1)	**Source: 10K0246-08**			Prepared: 11/11/10 Analyzed: 11/12/10						
Aluminum	2.15	0.0500	mg/L	1.000	1.03	112	75-125			
Antimony	0.932	0.00500	mg/L	1.000	ND	93.2	75-125			
Arsenic	0.971	0.00500	mg/L	1.000	0.00598	96.5	75-125			
Barium	1.09	0.00500	mg/L	1.000	0.161	92.9	75-125			
Beryllium	0.882	0.000500	mg/L	1.000	ND	88.2	75-125			
Cadmium	0.883	0.000500	mg/L	1.000	0.00172	88.1	75-125			
Chromium	0.910	0.00500	mg/L	1.000	0.00326	90.7	75-125			
Cobalt	0.869	0.00500	mg/L	1.000	0.00461	86.4	75-125			
Lead	0.908	0.00500	mg/L	1.000	0.0211	88.7	75-125			
Nickel	0.904	0.00500	mg/L	1.000	0.00596	89.8	75-125			
Selenium	0.914	0.0100	mg/L	1.000	ND	91.4	75-125			
Silver	0.943	0.000500	mg/L	1.000	ND	94.3	75-125			
Vanadium	0.926	0.00500	mg/L	1.000	0.00259	92.3	75-125			
Zinc	1.03	0.0100	mg/L	1.000	0.102	92.8	75-125			

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046295 - PREP_ICP_W										
Matrix Spike Dup (1046295-MSD1)		**Source: 10K0246-08**		Prepared: 11/11/10 Analyzed: 11/12/10						
Antimony	0.942	0.00500	mg/L	1.000	ND	94.2	75-125	1.07	20	
Arsenic	0.985	0.00500	mg/L	1.000	0.00598	97.9	75-125	1.43	20	
Beryllium	0.891	0.000500	mg/L	1.000	ND	89.1	75-125	1.02	20	
Cadmium	0.890	0.000500	mg/L	1.000	0.00172	88.8	75-125	0.790	20	
Chromium	0.916	0.00500	mg/L	1.000	0.00326	91.3	75-125	0.657	20	
Cobalt	0.873	0.00500	mg/L	1.000	0.00461	86.8	75-125	0.459	20	
Lead	0.916	0.00500	mg/L	1.000	0.0211	89.5	75-125	0.877	20	
Nickel	0.913	0.00500	mg/L	1.000	0.00596	90.7	75-125	0.991	20	
Selenium	0.932	0.0100	mg/L	1.000	ND	93.2	75-125	1.95	20	
Vanadium	0.933	0.00500	mg/L	1.000	0.00259	93.0	75-125	0.753	20	
Zinc	1.04	0.0100	mg/L	1.000	0.102	93.8	75-125	0.966	20	
Post Spike (1046295-PS1)		**Source: 10K0246-08**		Prepared: 11/11/10 Analyzed: 11/12/10						
Aluminum	2.12		mg/L	1.000	1.03	109	0-200			
Antimony	0.894		mg/L	1.000	0.000200	89.4	0-200			
Arsenic	0.934		mg/L	1.000	0.00598	92.8	0-200			
Barium	1.08		mg/L	1.000	0.161	91.9	0-200			
Beryllium	0.893		mg/L	1.000	0.0000100	89.3	0-200			
Cadmium	0.892		mg/L	1.000	0.00172	89.0	0-200			
Chromium	0.919		mg/L	1.000	0.00326	91.6	0-200			
Cobalt	0.873		mg/L	1.000	0.00461	86.8	0-200			
Lead	0.920		mg/L	1.000	0.0211	89.9	0-200			
Nickel	0.916		mg/L	1.000	0.00596	91.0	0-200			
Selenium	0.936		mg/L	1.000	-0.00383	94.0	0-200			
Silver	0.946		mg/L	1.000	-0.00146	94.7	0-200			
Vanadium	0.936		mg/L	1.000	0.00259	93.3	0-200			
Zinc	1.05		mg/L	1.000	0.102	94.8	0-200			

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046228 - PREP_GFAA_W										
Blank (1046228-BLK1)				Prepared: 11/10/10 Analyzed: 11/11/10						
Thallium	BDL	0.00100	mg/L							
LCS (1046228-BS1)				Prepared: 11/10/10 Analyzed: 11/11/10						
Thallium	0.00982	0.00100	mg/L	0.01000		98	80-120			
LCS Dup (1046228-BSD1)				Prepared: 11/10/10 Analyzed: 11/11/10						
Thallium	0.0104	0.00100	mg/L	0.01000		104	80-120	6	20	
Duplicate (1046228-DUP1)		**Source: 10J1482-01**		Prepared: 11/10/10 Analyzed: 11/11/10						
Thallium	BDL	0.00100	mg/L		ND				200	
Matrix Spike (1046228-MS1)		**Source: 10K0248-01**		Prepared: 11/10/10 Analyzed: 11/11/10						
Thallium	0.00986	0.00100	mg/L	0.01000	ND	99	70-130			
Matrix Spike Dup (1046228-MSD1)		**Source: 10K0248-01**		Prepared: 11/10/10 Analyzed: 11/11/10						
Thallium	0.0101	0.00100	mg/L	0.01000	ND	101	70-130	2	30	
Post Spike (1046228-PS1)		**Source: 10K0248-01**		Prepared: 11/10/10 Analyzed: 11/11/10						
Thallium	9.80		ug/L	10.00	0.100	97	0-200			
Batch 1046340 - PREP_GFAA_W										
Blank (1046340-BLK1)				Prepared: 11/12/10 Analyzed: 11/15/10						
Thallium	BDL	0.00100	mg/L							
LCS (1046340-BS1)				Prepared: 11/12/10 Analyzed: 11/15/10						
Thallium	0.00999	0.00100	mg/L	0.01000		100	80-120			

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1046340 - PREP_GFAA_W										
LCS Dup (1046340-BSD1)				Prepared: 11/12/10 Analyzed: 11/15/10						
Thallium	0.00948	0.00100	mg/L	0.01000		95	80-120	5	20	
Duplicate (1046340-DUP1)		**Source: 10K0246-01**		Prepared: 11/12/10 Analyzed: 11/15/10						
Thallium	0.000940	0.00100	mg/L		0.000650			36	200	K
Matrix Spike (1046340-MS1)		**Source: 10K0344-04**		Prepared: 11/12/10 Analyzed: 11/15/10						
Thallium	0.0130	0.00100	mg/L	0.01000	ND	130	70-130			K
Matrix Spike Dup (1046340-MSD1)		**Source: 10K0344-04**		Prepared: 11/12/10 Analyzed: 11/15/10						
Thallium	0.00948	0.00100	mg/L	0.01000	ND	95	70-130	31	30	K, R
Post Spike (1046340-PS1)		**Source: 10K0344-04**		Prepared: 11/12/10 Analyzed: 11/15/10						
Thallium	11.6		ug/L	10.00	0.260	113	0-200			K

Mercury Analysis - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047173 - PREP_HG_W										
Blank (1047173-BLK1)				Prepared & Analyzed: 11/17/10						
Mercury	BDL	0.000200	mg/L							
LCS (1047173-BS1)				Prepared & Analyzed: 11/17/10						
Mercury	0.00591	0.000200	mg/L	0.006250		95	80-120			
LCS Dup (1047173-BSD1)				Prepared & Analyzed: 11/17/10						
Mercury	0.00596	0.000200	mg/L	0.006250		95	80-120	0.8	20	
Matrix Spike (1047173-MS1)		**Source: 10K0511-01**		Prepared & Analyzed: 11/17/10						
Mercury	0.00601	0.000200	mg/L	0.006250	ND	96	70-130			
Matrix Spike Dup (1047173-MSD1)		**Source: 10K0511-01**		Prepared & Analyzed: 11/17/10						
Mercury	0.00608	0.000200	mg/L	0.006250	ND	97	70-130	1	30	

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1045313 - PREP_PP_W										
Blank (1045313-BLK1)				Prepared: 11/05/10 Analyzed: 11/09/10						
Aroclor 1016	BDL	0.500	ug/L							
Aroclor 1221	BDL	0.500	ug/L							
Aroclor 1232	BDL	0.500	ug/L							
Aroclor 1242	BDL	0.500	ug/L							
Aroclor 1248	BDL	0.500	ug/L							
Aroclor 1254	BDL	0.500	ug/L							
Aroclor 1260	BDL	0.500	ug/L							
Surrogate: Decachlorobiphenyl	*1.13*		*ug/L*	*1.000*		*113*	*36-157*			
Surrogate: Tetrachloro-m-xylene	*0.510*		*ug/L*	*1.000*		*51.0*	*28-127*			
LCS (1045313-BS1)				Prepared: 11/05/10 Analyzed: 11/09/10						
Aroclor 1016	9.29	0.500	ug/L	10.00		92.9	50-170			
Aroclor 1260	9.17	0.500	ug/L	10.00		91.7	53-163			
Surrogate: Decachlorobiphenyl	*0.630*		*ug/L*	*1.000*		*63.0*	*36-157*			
Surrogate: Tetrachloro-m-xylene	*0.410*		*ug/L*	*1.000*		*41.0*	*28-127*			
LCS Dup (1045313-BSD1)				Prepared: 11/05/10 Analyzed: 11/09/10						
Aroclor 1016	8.86	0.500	ug/L	10.00		88.6	50-170	4.74	19	
Aroclor 1260	9.60	0.500	ug/L	10.00		96.0	53-163	4.58	22	
Surrogate: Decachlorobiphenyl	*0.770*		*ug/L*	*1.000*		*77.0*	*36-157*			
Surrogate: Tetrachloro-m-xylene	*0.570*		*ug/L*	*1.000*		*57.0*	*28-127*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
Blank (1047097-BLK1)				Prepared: 11/10/10 Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Hexane	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
Blank (1047097-BLK1)				Prepared: 11/10/10 Analyzed: 11/11/10						
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*39.7*		*ug/L*	*50.00*		*79.5*	*41-140*			
Surrogate: Dibromofluoromethane	*55.6*		*ug/L*	*50.00*		*111*	*34-158*			
Surrogate: Toluene-d8	*48.2*		*ug/L*	*50.00*		*96.4*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*59.9*		*ug/L*	*50.00*		*120*	*29-163*			
Blank (1047097-BLK2)				Prepared & Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	21.7	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
Blank (1047097-BLK2)				Prepared & Analyzed: 11/11/10						
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Hexane	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*48.3*		*ug/L*	*50.00*		*96.5*	*41-140*			
Surrogate: Dibromofluoromethane	*30.0*		*ug/L*	*50.00*		*59.9*	*34-158*			
Surrogate: Toluene-d8	*30.9*		*ug/L*	*50.00*		*61.9*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*32.3*		*ug/L*	*50.00*		*64.6*	*29-163*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
LCS (1047097-BS1)				Prepared: 11/10/10 Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	18.0	5.00	ug/L	20.00		89.8	78-128			
1,1,1-Trichloroethane	17.8	5.00	ug/L	20.00		89.2	70-135			
1,1,2,2-Tetrachloroethane	20.1	5.00	ug/L	20.00		101	68-135			
1,1,2-Trichloroethane	23.1	5.00	ug/L	20.00		116	74-131			
1,1-Dichloroethane	24.9	5.00	ug/L	20.00		125	72-134			
1,1-Dichloroethene	21.7	5.00	ug/L	20.00		109	62-143			
1,1-Dichloropropene	19.5	5.00	ug/L	20.00		97.4	82-128			
1,2-Dibromoethane	19.2	5.00	ug/L	20.00		95.8	67-132			
1,2-Dichloroethane	19.4	5.00	ug/L	20.00		97.0	72-131			
1,2-Dichloropropane	22.8	5.00	ug/L	20.00		114	75-128			
1,3-Dichloropropane	22.3	5.00	ug/L	20.00		111	73-130			
2,2-Dichloropropane	19.7	5.00	ug/L	20.00		98.3	45-173			
2-Butanone	118	20.0	ug/L	80.00		148	42-140			L
2-Chlorotoluene	17.8	5.00	ug/L	20.00		89.1	76-126			
2-Hexanone	106	20.0	ug/L	80.00		132	18-178			
4-Chlorotoluene	17.4	5.00	ug/L	20.00		87.2	77-132			
4-Methyl-2-pentanone	91.4	20.0	ug/L	80.00		114	42-160			
Acetone	114	20.0	ug/L	80.00		143	30-173			B
Acetonitrile	34.9	40.0	ug/L	20.00		174	58-150			L
Acrylonitrile	28.0	20.0	ug/L	20.00		140	64-153			
Allyl chloride	20.0	5.00	ug/L	20.00		99.8	67-149			
Benzene	21.1	5.00	ug/L	20.00		106	77-126			
Bromobenzene	17.6	5.00	ug/L	20.00		88.1	72-131			
Bromochloromethane	25.1	5.00	ug/L	20.00		126	71-135			
Bromodichloromethane	20.6	5.00	ug/L	20.00		103	78-129			
Bromoform	16.8	5.00	ug/L	20.00		83.8	69-135			
Bromomethane	56.8	5.00	ug/L	20.00		284	14-193			L
Carbon Disulfide	21.2	20.0	ug/L	20.00		106	54-150			
Carbon Tetrachloride	16.8	5.00	ug/L	20.00		83.9	67-138			
Chlorobenzene	19.1	5.00	ug/L	20.00		95.6	77-125			
Chloroethane	67.2	5.00	ug/L	20.00		336	27-170			L
Chloroform	24.2	5.00	ug/L	20.00		121	73-136			
Chloromethane	71.0	5.00	ug/L	20.00		355	44-145			L
cis-1,2-Dichloroethene	24.7	5.00	ug/L	20.00		123	77-137			
cis-1,3-Dichloropropene	21.5	5.00	ug/L	20.00		107	70-133			
Dibromochloromethane	18.5	5.00	ug/L	20.00		92.7	68-131			
Dibromomethane	21.3	5.00	ug/L	20.00		106	74-129			
Dichlorodifluoromethane	61.6	5.00	ug/L	20.00		308	41-145			L
Ethylbenzene	18.5	5.00	ug/L	20.00		92.6	79-126			
Iodomethane	24.3	10.0	ug/L	20.00		122	52-150			
Methylene Chloride	30.2	5.00	ug/L	20.00		151	43-162			
Methyl tert-Butyl Ether	24.5	10.0	ug/L	20.00		122	63-134			
m,p-Xylene	37.2	10.0	ug/L	40.00		93.0	82-132			
n-Hexane	29.2	5.00	ug/L	21.20		138	10-216			
o-Xylene	18.8	5.00	ug/L	20.00		94.1	81-128			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
LCS (1047097-BS1)				Prepared: 11/10/10 Analyzed: 11/11/10						
Styrene	19.5	5.00	ug/L	20.00		97.6	81-129			
Tetrachloroethene	26.3	5.00	ug/L	20.00		132	43-152			
Toluene	20.2	5.00	ug/L	20.00		101	79-128			
trans-1,2-Dichloroethene	22.5	5.00	ug/L	20.00		113	60-144			
trans-1,3-Dichloropropene	22.3	5.00	ug/L	20.00		111	67-138			
Trichloroethene	20.1	5.00	ug/L	20.00		100	74-132			
Trichlorofluoromethane	35.3	5.00	ug/L	20.00		177	48-170			L
Vinyl Chloride	63.3	1.00	ug/L	20.00		317	60-143			L
Vinyl acetate	12.9	10.0	ug/L	20.00		64.4	16-196			
Surrogate: 4-Bromofluorobenzene	*43.6*		*ug/L*	*50.00*		*87.2*	*41-140*			
Surrogate: Dibromofluoromethane	*55.6*		*ug/L*	*50.00*		*111*	*34-158*			
Surrogate: Toluene-d8	*48.9*		*ug/L*	*50.00*		*97.7*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*61.8*		*ug/L*	*50.00*		*124*	*29-163*			
LCS (1047097-BS2)				Prepared & Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	20.8	5.00	ug/L	20.00		104	78-128			
1,1,1-Trichloroethane	17.2	5.00	ug/L	20.00		85.8	70-135			
1,1,2,2-Tetrachloroethane	22.9	5.00	ug/L	20.00		114	68-135			
1,1,2-Trichloroethane	20.5	5.00	ug/L	20.00		102	74-131			
1,1-Dichloroethane	17.6	5.00	ug/L	20.00		88.2	72-134			
1,1-Dichloroethene	16.0	5.00	ug/L	20.00		80.2	62-143			
1,1-Dichloropropene	17.7	5.00	ug/L	20.00		88.3	82-128			
1,2-Dibromoethane	21.7	5.00	ug/L	20.00		108	67-132			
1,2-Dichloroethane	20.1	5.00	ug/L	20.00		101	72-131			
1,2-Dichloropropane	19.1	5.00	ug/L	20.00		95.6	75-128			
1,3-Dichloropropane	20.0	5.00	ug/L	20.00		100	73-130			
2,2-Dichloropropane	17.8	5.00	ug/L	20.00		89.1	45-173			
2-Butanone	63.1	20.0	ug/L	80.00		78.8	42-140			
2-Chlorotoluene	20.0	5.00	ug/L	20.00		99.8	76-126			
2-Hexanone	86.1	20.0	ug/L	80.00		108	18-178			
4-Chlorotoluene	20.6	5.00	ug/L	20.00		103	77-132			
4-Methyl-2-pentanone	80.0	20.0	ug/L	80.00		100	42-160			
Acetone	77.7	20.0	ug/L	80.00		97.1	30-173			B
Acetonitrile	19.7	40.0	ug/L	20.00		98.4	58-150			
Acrylonitrile	20.5	20.0	ug/L	20.00		102	64-153			
Allyl chloride	17.5	5.00	ug/L	20.00		87.3	67-149			
Benzene	19.2	5.00	ug/L	20.00		95.8	77-126			
Bromobenzene	21.3	5.00	ug/L	20.00		107	72-131			
Bromochloromethane	20.3	5.00	ug/L	20.00		102	71-135			
Bromodichloromethane	19.8	5.00	ug/L	20.00		99.2	78-129			
Bromoform	22.2	5.00	ug/L	20.00		111	69-135			
Bromomethane	44.4	5.00	ug/L	20.00		222	14-193			
Carbon Disulfide	15.6	20.0	ug/L	20.00		77.8	54-150			
Carbon Tetrachloride	17.7	5.00	ug/L	20.00		88.4	67-138			
Chlorobenzene	21.0	5.00	ug/L	20.00		105	77-125			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
LCS (1047097-BS2)				Prepared & Analyzed: 11/11/10						
Chloroethane	BDL	5.00	ug/L	20.00			27-170			
Chloroform	19.6	5.00	ug/L	20.00		97.8	73-136			
Chloromethane	19.4	5.00	ug/L	20.00		96.8	44-145			
cis-1,2-Dichloroethene	18.7	5.00	ug/L	20.00		93.3	77-137			
cis-1,3-Dichloropropene	20.3	5.00	ug/L	20.00		102	70-133			
Dibromochloromethane	21.6	5.00	ug/L	20.00		108	68-131			
Dibromomethane	20.0	5.00	ug/L	20.00		100	74-129			
Dichlorodifluoromethane	21.6	5.00	ug/L	20.00		108	41-145			
Ethylbenzene	18.6	5.00	ug/L	20.00		93.2	79-126			
Iodomethane	21.6	10.0	ug/L	20.00		108	52-150			
Methylene Chloride	15.8	5.00	ug/L	20.00		79.0	43-162			
Methyl tert-Butyl Ether	20.2	10.0	ug/L	20.00		101	63-134			
m,p-Xylene	39.2	10.0	ug/L	40.00		98.1	82-132			
n-Hexane	16.8	5.00	ug/L	21.20		79.2	10-216			
o-Xylene	20.3	5.00	ug/L	20.00		102	81-128			
Styrene	20.8	5.00	ug/L	20.00		104	81-129			
Tetrachloroethene	18.6	5.00	ug/L	20.00		93.1	43-152			
Toluene	18.8	5.00	ug/L	20.00		94.0	79-128			
trans-1,2-Dichloroethene	18.0	5.00	ug/L	20.00		89.8	60-144			
trans-1,3-Dichloropropene	20.8	5.00	ug/L	20.00		104	67-138			
Trichloroethene	18.1	5.00	ug/L	20.00		90.3	74-132			
Trichlorofluoromethane	20.6	5.00	ug/L	20.00		103	48-170			
Vinyl Chloride	18.6	1.00	ug/L	20.00		93.0	60-143			
Vinyl acetate	16.3	10.0	ug/L	20.00		81.5	16-196			
Surrogate: 4-Bromofluorobenzene	*47.7*		*ug/L*	*50.00*		*95.4*	*41-140*			
Surrogate: Dibromofluoromethane	*29.5*		*ug/L*	*50.00*		*59.1*	*34-158*			
Surrogate: Toluene-d8	*30.3*		*ug/L*	*50.00*		*60.6*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*29.9*		*ug/L*	*50.00*		*59.8*	*29-163*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
LCS Dup (1047097-BSD1)				Prepared: 11/10/10 Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	18.6	5.00	ug/L	20.00		93.0	78-128	3.50	16	
1,1,1-Trichloroethane	18.4	5.00	ug/L	20.00		92.1	70-135	3.20	20	
1,1,2,2-Tetrachloroethane	22.5	5.00	ug/L	20.00		113	68-135	11.2	19	
1,1,2-Trichloroethane	23.7	5.00	ug/L	20.00		118	74-131	2.31	16	
1,1-Dichloroethane	25.9	5.00	ug/L	20.00		130	72-134	3.89	19	
1,1-Dichloroethene	22.5	5.00	ug/L	20.00		113	62-143	3.62	20	
1,1-Dichloropropene	20.0	5.00	ug/L	20.00		99.9	82-128	2.48	18	
1,2-Dibromoethane	19.9	5.00	ug/L	20.00		99.4	67-132	3.74	13	
1,2-Dichloroethane	20.0	5.00	ug/L	20.00		100	72-131	3.20	16	
1,2-Dichloropropane	23.6	5.00	ug/L	20.00		118	75-128	3.45	19	
1,3-Dichloropropane	23.0	5.00	ug/L	20.00		115	73-130	2.96	13	
2,2-Dichloropropane	19.8	5.00	ug/L	20.00		98.8	45-173	0.457	25	
2-Butanone	118	20.0	ug/L	80.00		148	42-140	0.0931	18	L
2-Chlorotoluene	18.5	5.00	ug/L	20.00		92.6	76-126	3.85	20	
2-Hexanone	105	20.0	ug/L	80.00		132	18-178	0.180	17	
4-Chlorotoluene	18.3	5.00	ug/L	20.00		91.3	77-132	4.59	22	
4-Methyl-2-pentanone	95.4	20.0	ug/L	80.00		119	42-160	4.30	67	
Acetone	106	20.0	ug/L	80.00		132	30-173	7.68	24	B
Acetonitrile	28.2	40.0	ug/L	20.00		141	58-150	21.1	25	
Acrylonitrile	28.3	20.0	ug/L	20.00		142	64-153	1.39	20	
Allyl chloride	20.5	5.00	ug/L	20.00		103	67-149	2.82	16	
Benzene	21.9	5.00	ug/L	20.00		109	77-126	3.39	19	
Bromobenzene	18.2	5.00	ug/L	20.00		90.8	72-131	2.96	20	
Bromochloromethane	26.4	5.00	ug/L	20.00		132	71-135	4.82	16	
Bromodichloromethane	21.2	5.00	ug/L	20.00		106	78-129	2.96	17	
Bromoform	17.5	5.00	ug/L	20.00		87.6	69-135	4.38	18	
Bromomethane	62.2	5.00	ug/L	20.00		311	14-193	9.23	28	L
Carbon Disulfide	22.0	20.0	ug/L	20.00		110	54-150	3.42	19	
Carbon Tetrachloride	17.2	5.00	ug/L	20.00		85.8	67-138	2.24	21	
Chlorobenzene	19.8	5.00	ug/L	20.00		99.0	77-125	3.60	19	
Chloroethane	81.7	5.00	ug/L	20.00		409	27-170	19.6	64	L
Chloroform	25.0	5.00	ug/L	20.00		125	73-136	3.05	19	
Chloromethane	77.4	5.00	ug/L	20.00		387	44-145	8.70	26	L
cis-1,2-Dichloroethene	25.7	5.00	ug/L	20.00		128	77-137	3.97	17	
cis-1,3-Dichloropropene	22.3	5.00	ug/L	20.00		112	70-133	3.79	19	
Dibromochloromethane	19.0	5.00	ug/L	20.00		95.0	68-131	2.45	18	
Dibromomethane	21.8	5.00	ug/L	20.00		109	74-129	2.51	16	
Dichlorodifluoromethane	66.3	5.00	ug/L	20.00		331	41-145	7.42	15	L
Ethylbenzene	19.0	5.00	ug/L	20.00		94.8	79-126	2.45	20	
Iodomethane	27.2	10.0	ug/L	20.00		136	52-150	11.1	25	
Methylene Chloride	31.4	5.00	ug/L	20.00		157	43-162	3.80	28	
Methyl tert-Butyl Ether	24.7	10.0	ug/L	20.00		123	63-134	0.732	20	
m,p-Xylene	38.1	10.0	ug/L	40.00		95.4	82-132	2.55	18	
n-Hexane	30.5	5.00	ug/L	21.20		144	10-216	4.28	64	
o-Xylene	19.5	5.00	ug/L	20.00		97.4	81-128	3.50	19	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047097 - VOC PREP										
LCS Dup (1047097-BSD1)				Prepared: 11/10/10 Analyzed: 11/11/10						
Styrene	20.4	5.00	ug/L	20.00		102	81-129	4.60	17	
Tetrachloroethene	20.0	5.00	ug/L	20.00		100	43-152	27.2	29	
Toluene	21.0	5.00	ug/L	20.00		105	79-128	3.78	19	
trans-1,2-Dichloroethene	23.4	5.00	ug/L	20.00		117	60-144	3.53	20	
trans-1,3-Dichloropropene	23.1	5.00	ug/L	20.00		116	67-138	3.66	17	
Trichloroethene	20.0	5.00	ug/L	20.00		99.8	74-132	0.550	20	
Trichlorofluoromethane	38.3	5.00	ug/L	20.00		192	48-170	8.07	50	L
Vinyl Chloride	68.7	1.00	ug/L	20.00		344	60-143	8.13	19	L
Vinyl acetate	21.6	10.0	ug/L	20.00		108	16-196	50.6	45	R
Surrogate: 4-Bromofluorobenzene	*43.6*		*ug/L*	*50.00*		*87.1*	*41-140*			
Surrogate: Dibromofluoromethane	*56.7*		*ug/L*	*50.00*		*113*	*34-158*			
Surrogate: Toluene-d8	*48.5*		*ug/L*	*50.00*		*97.0*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*61.2*		*ug/L*	*50.00*		*122*	*29-163*			
Batch 1047115 - VOC PREP										
Blank (1047115-BLK1)				Prepared & Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	BDL	1.00	ug/L							
1,1,1-Trichloroethane	BDL	1.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	1.00	ug/L							
1,1,2-Trichloroethane	BDL	1.00	ug/L							
1,1-Dichloroethane	BDL	2.00	ug/L							
1,1-Dichloroethene	BDL	1.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	1.00	ug/L							
1,2-Dichloropropane	BDL	1.00	ug/L							
1,3-Dichloropropane	BDL	1.00	ug/L							
2,2-Dichloropropane	BDL	1.00	ug/L							
2-Butanone	BDL	10.0	ug/L							
2-Chlorotoluene	BDL	1.00	ug/L							
2-Hexanone	BDL	10.0	ug/L							
4-Chlorotoluene	BDL	1.00	ug/L							
4-Methyl-2-pentanone	BDL	10.0	ug/L							
Acetone	BDL	10.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	10.0	ug/L							
Allyl chloride	BDL	1.00	ug/L							
Benzene	BDL	1.00	ug/L							
Bromobenzene	BDL	1.00	ug/L							
Bromochloromethane	BDL	1.00	ug/L							
Bromodichloromethane	BDL	1.00	ug/L							
Bromoform	BDL	1.00	ug/L							
Bromomethane	BDL	2.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047115 - VOC PREP										
Blank (1047115-BLK1)				Prepared & Analyzed: 11/11/10						
Carbon Disulfide	BDL	5.00	ug/L							
Carbon Tetrachloride	BDL	1.00	ug/L							
Chlorobenzene	BDL	1.00	ug/L							
Chloroethane	BDL	1.00	ug/L							
Chloroform	BDL	1.00	ug/L							
Chloromethane	BDL	1.00	ug/L							
cis-1,2-Dichloroethene	BDL	1.00	ug/L							
cis-1,3-Dichloropropene	BDL	1.00	ug/L							
Dibromochloromethane	BDL	1.00	ug/L							
Dibromomethane	BDL	1.00	ug/L							
Dichlorodifluoromethane	BDL	2.00	ug/L							
Ethylbenzene	BDL	1.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	1.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	2.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
o-Xylene	BDL	1.00	ug/L							
Styrene	BDL	1.00	ug/L							
Tetrachloroethene	BDL	2.00	ug/L							
Toluene	BDL	1.00	ug/L							
trans-1,2-Dichloroethene	BDL	1.00	ug/L							
trans-1,3-Dichloropropene	BDL	1.00	ug/L							
Trichloroethene	BDL	2.00	ug/L							
Trichlorofluoromethane	BDL	2.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*42.1*		*ug/L*	*50.00*		*84.3*	*41-140*			
Surrogate: Dibromofluoromethane	*55.5*		*ug/L*	*50.00*		*111*	*34-158*			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50.00*		*98.7*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*59.6*		*ug/L*	*50.00*		*119*	*29-163*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047115 - VOC PREP										
LCS (1047115-BS1)				Prepared & Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	16.7	1.00	ug/L	20.00		83.6	78-128			
1,1,1-Trichloroethane	16.6	1.00	ug/L	20.00		82.8	70-135			
1,1,2,2-Tetrachloroethane	21.0	1.00	ug/L	20.00		105	68-135			
1,1,2-Trichloroethane	22.2	1.00	ug/L	20.00		111	74-131			
1,1-Dichloroethane	23.3	2.00	ug/L	20.00		116	72-134			
1,1-Dichloroethene	19.8	1.00	ug/L	20.00		98.8	62-143			
1,1-Dichloropropene	18.8	5.00	ug/L	20.00		93.8	82-128			
1,2-Dibromoethane	17.8	5.00	ug/L	20.00		89.1	67-132			
1,2-Dichloroethane	18.8	1.00	ug/L	20.00		94.2	72-131			
1,2-Dichloropropane	21.9	1.00	ug/L	20.00		109	75-128			
1,3-Dichloropropane	21.4	1.00	ug/L	20.00		107	73-130			
2,2-Dichloropropane	22.7	1.00	ug/L	20.00		114	45-173			
2-Butanone	111	10.0	ug/L	80.00		139	42-140			
2-Chlorotoluene	17.5	1.00	ug/L	20.00		87.7	76-126			
2-Hexanone	98.4	10.0	ug/L	80.00		123	18-178			
4-Chlorotoluene	16.8	1.00	ug/L	20.00		84.2	77-132			
4-Methyl-2-pentanone	87.1	10.0	ug/L	80.00		109	42-160			
Acetone	105	10.0	ug/L	80.00		131	30-173			
Acetonitrile	33.4	40.0	ug/L	20.00		167	58-150			L
Acrylonitrile	24.1	10.0	ug/L	20.00		120	64-153			
Allyl chloride	20.1	1.00	ug/L	20.00		100	67-149			
Benzene	20.7	1.00	ug/L	20.00		103	77-126			
Bromobenzene	16.8	1.00	ug/L	20.00		84.2	72-131			
Bromochloromethane	23.8	1.00	ug/L	20.00		119	71-135			
Bromodichloromethane	19.5	1.00	ug/L	20.00		97.4	78-129			
Bromoform	15.5	1.00	ug/L	20.00		77.4	69-135			
Bromomethane	59.3	2.00	ug/L	20.00		297	14-193			L
Carbon Disulfide	19.5	5.00	ug/L	20.00		97.4	54-150			
Carbon Tetrachloride	15.5	1.00	ug/L	20.00		77.6	67-138			
Chlorobenzene	18.6	1.00	ug/L	20.00		92.9	77-125			
Chloroethane	79.0	1.00	ug/L	20.00		395	27-170			L
Chloroform	23.0	1.00	ug/L	20.00		115	73-136			
Chloromethane	63.4	1.00	ug/L	20.00		317	44-145			L
cis-1,2-Dichloroethene	23.4	1.00	ug/L	20.00		117	77-137			
cis-1,3-Dichloropropene	21.5	1.00	ug/L	20.00		108	70-133			
Dibromochloromethane	17.2	1.00	ug/L	20.00		86.0	68-131			
Dibromomethane	20.0	1.00	ug/L	20.00		100	74-129			
Dichlorodifluoromethane	51.9	2.00	ug/L	20.00		260	41-145			L
Ethylbenzene	18.3	1.00	ug/L	20.00		91.4	79-126			
Iodomethane	21.5	10.0	ug/L	20.00		107	52-150			
Methylene Chloride	25.3	1.00	ug/L	20.00		126	43-162			
Methyl tert-Butyl Ether	22.6	10.0	ug/L	20.00		113	63-134			
m,p-Xylene	36.1	2.00	ug/L	40.00		90.2	82-132			
n-Hexane	29.2	5.00	ug/L	21.20		138	10-216			
o-Xylene	17.9	1.00	ug/L	20.00		89.6	81-128			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047115 - VOC PREP										
LCS (1047115-BS1)				Prepared & Analyzed: 11/11/10						
Styrene	18.8	1.00	ug/L	20.00		94.2	81-129			
Tetrachloroethene	15.4	2.00	ug/L	20.00		76.8	43-152			
Toluene	20.0	1.00	ug/L	20.00		99.9	79-128			
trans-1,2-Dichloroethene	21.1	1.00	ug/L	20.00		105	60-144			
trans-1,3-Dichloropropene	22.5	1.00	ug/L	20.00		113	67-138			
Trichloroethene	18.7	2.00	ug/L	20.00		93.4	74-132			
Trichlorofluoromethane	34.4	2.00	ug/L	20.00		172	48-170			L
Vinyl Chloride	58.0	1.00	ug/L	20.00		290	60-143			L
Vinyl acetate	21.0	10.0	ug/L	20.00		105	16-196			
Surrogate: 4-Bromofluorobenzene	*40.7*		*ug/L*	*50.00*		*81.4*	*41-140*			
Surrogate: Dibromofluoromethane	*52.1*		*ug/L*	*50.00*		*104*	*34-158*			
Surrogate: Toluene-d8	*47.2*		*ug/L*	*50.00*		*94.4*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*54.4*		*ug/L*	*50.00*		*109*	*29-163*			
LCS Dup (1047115-BSD1)				Prepared & Analyzed: 11/11/10						
1,1,1,2-Tetrachloroethane	17.6	1.00	ug/L	20.00		88.2	78-128	5.41	16	
1,1,1-Trichloroethane	17.7	1.00	ug/L	20.00		88.4	70-135	6.49	20	
1,1,2,2-Tetrachloroethane	21.2	1.00	ug/L	20.00		106	68-135	0.902	19	
1,1,2-Trichloroethane	22.9	1.00	ug/L	20.00		114	74-131	3.20	16	
1,1-Dichloroethane	25.3	2.00	ug/L	20.00		126	72-134	8.23	19	
1,1-Dichloroethene	21.2	1.00	ug/L	20.00		106	62-143	7.07	20	
1,1-Dichloropropene	20.3	5.00	ug/L	20.00		101	82-128	7.68	18	
1,2-Dibromoethane	18.2	5.00	ug/L	20.00		91.1	67-132	2.22	13	
1,2-Dichloroethane	19.4	1.00	ug/L	20.00		97.2	72-131	3.08	16	
1,2-Dichloropropane	22.8	1.00	ug/L	20.00		114	75-128	4.38	19	
1,3-Dichloropropane	22.1	1.00	ug/L	20.00		110	73-130	2.99	13	
2,2-Dichloropropane	24.0	1.00	ug/L	20.00		120	45-173	5.65	25	
2-Butanone	107	10.0	ug/L	80.00		134	42-140	3.41	18	
2-Chlorotoluene	18.6	1.00	ug/L	20.00		93.2	76-126	6.03	20	
2-Hexanone	97.2	10.0	ug/L	80.00		122	18-178	1.22	17	
4-Chlorotoluene	18.1	1.00	ug/L	20.00		90.4	77-132	7.05	22	
4-Methyl-2-pentanone	86.7	10.0	ug/L	80.00		108	42-160	0.483	67	
Acetone	98.3	10.0	ug/L	80.00		123	30-173	6.18	24	
Acetonitrile	28.5	40.0	ug/L	20.00		142	58-150	15.9	25	
Acrylonitrile	24.9	10.0	ug/L	20.00		124	64-153	3.23	20	
Allyl chloride	21.5	1.00	ug/L	20.00		107	67-149	6.79	16	
Benzene	21.6	1.00	ug/L	20.00		108	77-126	4.22	19	
Bromobenzene	17.4	1.00	ug/L	20.00		86.9	72-131	3.10	20	
Bromochloromethane	25.1	1.00	ug/L	20.00		125	71-135	5.16	16	
Bromodichloromethane	20.5	1.00	ug/L	20.00		102	78-129	5.01	17	
Bromoform	16.3	1.00	ug/L	20.00		81.5	69-135	5.23	18	
Bromomethane	61.6	2.00	ug/L	20.00		308	14-193	3.72	28	L
Carbon Disulfide	20.8	5.00	ug/L	20.00		104	54-150	6.60	19	
Carbon Tetrachloride	17.0	1.00	ug/L	20.00		85.0	67-138	9.16	21	
Chlorobenzene	19.6	1.00	ug/L	20.00		98.0	77-125	5.34	19	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047115 - VOC PREP										
LCS Dup (1047115-BSD1)				Prepared & Analyzed: 11/11/10						
Chloroethane	84.4	1.00	ug/L	20.00		422	27-170	6.71	64	L
Chloroform	24.7	1.00	ug/L	20.00		124	73-136	7.12	19	
Chloromethane	66.9	1.00	ug/L	20.00		335	44-145	5.37	26	L
cis-1,2-Dichloroethene	25.1	1.00	ug/L	20.00		126	77-137	7.01	17	
cis-1,3-Dichloropropene	22.6	1.00	ug/L	20.00		113	70-133	4.94	19	
Dibromochloromethane	17.9	1.00	ug/L	20.00		89.7	68-131	4.21	18	
Dibromomethane	21.0	1.00	ug/L	20.00		105	74-129	4.97	16	
Dichlorodifluoromethane	57.2	2.00	ug/L	20.00		286	41-145	9.57	15	L
Ethylbenzene	19.4	1.00	ug/L	20.00		97.1	79-126	6.05	20	
Iodomethane	24.1	10.0	ug/L	20.00		121	52-150	11.6	25	
Methylene Chloride	27.1	1.00	ug/L	20.00		135	43-162	6.80	28	
Methyl tert-Butyl Ether	23.7	10.0	ug/L	20.00		118	63-134	4.88	20	
m,p-Xylene	38.3	2.00	ug/L	40.00		95.7	82-132	5.86	18	
n-Hexane	31.7	5.00	ug/L	21.20		149	10-216	8.15	64	
o-Xylene	19.0	1.00	ug/L	20.00		95.2	81-128	5.95	19	
Styrene	19.7	1.00	ug/L	20.00		98.7	81-129	4.67	17	
Tetrachloroethene	16.5	2.00	ug/L	20.00		82.5	43-152	7.16	29	
Toluene	21.0	1.00	ug/L	20.00		105	79-128	5.17	19	
trans-1,2-Dichloroethene	22.6	1.00	ug/L	20.00		113	60-144	7.14	20	
trans-1,3-Dichloropropene	23.7	1.00	ug/L	20.00		119	67-138	5.32	17	
Trichloroethene	19.8	2.00	ug/L	20.00		99.0	74-132	5.77	20	
Trichlorofluoromethane	36.5	2.00	ug/L	20.00		182	48-170	5.81	50	L
Vinyl Chloride	61.7	1.00	ug/L	20.00		308	60-143	6.08	19	L
Vinyl acetate	21.6	10.0	ug/L	20.00		108	16-196	3.14	45	
Surrogate: 4-Bromofluorobenzene	*42.6*		*ug/L*	*50.00*		*85.1*	*41-140*			
Surrogate: Dibromofluoromethane	*54.7*		*ug/L*	*50.00*		*109*	*34-158*			
Surrogate: Toluene-d8	*49.1*		*ug/L*	*50.00*		*98.2*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*57.1*		*ug/L*	*50.00*		*114*	*29-163*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
Blank (1047123-BLK1)				Prepared & Analyzed: 11/10/10						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
Blank (1047123-BLK1)				Prepared & Analyzed: 11/10/10						
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Butylbenzene	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
Blank (1047123-BLK1)				Prepared & Analyzed: 11/10/10						
n-Hexane	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*39.0*		*ug/L*	*50.00*		*77.9*	*41-140*			
Surrogate: 4-Bromofluorobenzene	*39.0*		*ug/L*	*50.00*		*77.9*	*41-140*			
Surrogate: Dibromofluoromethane	*50.2*		*ug/L*	*50.00*		*100*	*34-158*			
Surrogate: Dibromofluoromethane	*50.2*		*ug/L*	*50.00*		*100*	*34-158*			
Surrogate: Toluene-d8	*46.8*		*ug/L*	*50.00*		*93.5*	*47-147*			
Surrogate: Toluene-d8	*46.8*		*ug/L*	*50.00*		*93.5*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*ug/L*	*50.00*		*103*	*29-163*			
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*ug/L*	*50.00*		*103*	*29-163*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
LCS (1047123-BS1)				Prepared & Analyzed: 11/10/10						
1,1,1,2-Tetrachloroethane	16.0	5.00	ug/L	20.00		79.8	78-128			
1,1,1,2-Tetrachloroethane	16.0	5.00	ug/L	20.00		79.8	78-128			
1,1,1-Trichloroethane	16.4	5.00	ug/L	20.00		81.8	70-135			
1,1,1-Trichloroethane	16.4	5.00	ug/L	20.00		81.8	70-135			
1,1,2,2-Tetrachloroethane	16.0	5.00	ug/L	20.00		79.9	68-135			
1,1,2,2-Tetrachloroethane	16.0	5.00	ug/L	20.00		79.9	68-135			
1,1,2-Trichloroethane	17.9	5.00	ug/L	20.00		89.4	74-131			
1,1,2-Trichloroethane	17.9	5.00	ug/L	20.00		89.4	74-131			
1,1-Dichloroethane	21.8	5.00	ug/L	20.00		109	72-134			
1,1-Dichloroethane	21.8	5.00	ug/L	20.00		109	72-134			
1,1-Dichloroethene	19.6	5.00	ug/L	20.00		97.8	62-143			
1,1-Dichloroethene	19.6	5.00	ug/L	20.00		97.8	62-143			
1,1-Dichloropropene	18.5	5.00	ug/L	20.00		92.4	82-128			
1,1-Dichloropropene	18.5	5.00	ug/L	20.00		92.4	82-128			
1,2-Dibromoethane	14.9	5.00	ug/L	20.00		74.6	67-132			
1,2-Dibromoethane	14.9	5.00	ug/L	20.00		74.6	67-132			
1,2-Dichloroethane	15.4	5.00	ug/L	20.00		77.2	72-131			
1,2-Dichloroethane	15.4	5.00	ug/L	20.00		77.2	72-131			
1,2-Dichloropropane	19.8	5.00	ug/L	20.00		99.0	75-128			
1,2-Dichloropropane	19.8	5.00	ug/L	20.00		99.0	75-128			
1,3-Dichloropropane	17.2	5.00	ug/L	20.00		86.2	73-130			
1,3-Dichloropropane	17.2	5.00	ug/L	20.00		86.2	73-130			
2,2-Dichloropropane	21.2	5.00	ug/L	20.00		106	45-173			
2,2-Dichloropropane	21.2	5.00	ug/L	20.00		106	45-173			
2-Butanone	74.3	20.0	ug/L	80.00		92.9	42-140			
2-Butanone	74.3	20.0	ug/L	80.00		92.9	42-140			
2-Chlorotoluene	17.3	5.00	ug/L	20.00		86.4	76-126			
2-Chlorotoluene	17.3	5.00	ug/L	20.00		86.4	76-126			
2-Hexanone	67.7	20.0	ug/L	80.00		84.7	18-178			
2-Hexanone	67.7	20.0	ug/L	80.00		84.7	18-178			
4-Chlorotoluene	17.1	5.00	ug/L	20.00		85.4	77-132			
4-Chlorotoluene	17.1	5.00	ug/L	20.00		85.4	77-132			
4-Methyl-2-pentanone	62.8	20.0	ug/L	80.00		78.5	42-160			
4-Methyl-2-pentanone	62.8	20.0	ug/L	80.00		78.5	42-160			
Acetone	79.6	20.0	ug/L	80.00		99.6	30-173			
Acetone	79.6	20.0	ug/L	80.00		99.6	30-173			
Acetonitrile	21.8	40.0	ug/L	20.00		109	58-150			
Acetonitrile	21.8	40.0	ug/L	20.00		109	58-150			
Acrylonitrile	18.5	20.0	ug/L	20.00		92.7	64-153			
Acrylonitrile	18.5	20.0	ug/L	20.00		92.7	64-153			
Allyl chloride	19.4	5.00	ug/L	20.00		97.0	67-149			
Allyl chloride	19.4	5.00	ug/L	20.00		97.0	67-149			
Benzene	19.6	5.00	ug/L	20.00		97.8	77-126			
Benzene	19.6	5.00	ug/L	20.00		97.8	77-126			
Bromobenzene	16.0	5.00	ug/L	20.00		79.8	72-131			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
LCS (1047123-BS1)				Prepared & Analyzed: 11/10/10						
Bromobenzene	16.0	5.00	ug/L	20.00		79.8	72-131			
Bromochloromethane	19.9	5.00	ug/L	20.00		99.6	71-135			
Bromochloromethane	19.9	5.00	ug/L	20.00		99.6	71-135			
Bromodichloromethane	17.0	5.00	ug/L	20.00		85.0	78-129			
Bromodichloromethane	17.0	5.00	ug/L	20.00		85.0	78-129			
Bromoform	12.7	5.00	ug/L	20.00		63.7	69-135			L
Bromoform	12.7	5.00	ug/L	20.00		63.7	69-135			L
Bromomethane	57.5	5.00	ug/L	20.00		288	14-193			L
Bromomethane	57.5	5.00	ug/L	20.00		288	14-193			L
Carbon Disulfide	19.5	20.0	ug/L	20.00		97.4	54-150			
Carbon Disulfide	19.5	20.0	ug/L	20.00		97.4	54-150			
Carbon Tetrachloride	16.3	5.00	ug/L	20.00		81.3	67-138			
Carbon Tetrachloride	16.3	5.00	ug/L	20.00		81.3	67-138			
Chlorobenzene	18.1	5.00	ug/L	20.00		90.4	77-125			
Chlorobenzene	18.1	5.00	ug/L	20.00		90.4	77-125			
Chloroethane	78.8	5.00	ug/L	20.00		394	27-170			L
Chloroethane	78.8	5.00	ug/L	20.00		394	27-170			L
Chloroform	20.8	5.00	ug/L	20.00		104	73-136			
Chloroform	20.8	5.00	ug/L	20.00		104	73-136			
Chloromethane	65.8	5.00	ug/L	20.00		329	44-145			L
Chloromethane	65.8	5.00	ug/L	20.00		329	44-145			L
cis-1,2-Dichloroethene	21.5	5.00	ug/L	20.00		108	77-137			
cis-1,2-Dichloroethene	21.5	5.00	ug/L	20.00		108	77-137			
cis-1,3-Dichloropropene	18.5	5.00	ug/L	20.00		92.4	70-133			
cis-1,3-Dichloropropene	18.5	5.00	ug/L	20.00		92.4	70-133			
Dibromochloromethane	15.1	5.00	ug/L	20.00		75.6	68-131			
Dibromochloromethane	15.1	5.00	ug/L	20.00		75.6	68-131			
Dibromomethane	16.6	5.00	ug/L	20.00		82.8	74-129			
Dibromomethane	16.6	5.00	ug/L	20.00		82.8	74-129			
Dichlorodifluoromethane	66.3	5.00	ug/L	20.00		331	41-145			L
Dichlorodifluoromethane	66.3	5.00	ug/L	20.00		331	41-145			L
Ethylbenzene	18.1	5.00	ug/L	20.00		90.6	79-126			
Ethylbenzene	18.1	5.00	ug/L	20.00		90.6	79-126			
Iodomethane	22.8	10.0	ug/L	20.00		114	52-150			
Iodomethane	22.8	10.0	ug/L	20.00		114	52-150			
Methylene Chloride	22.5	5.00	ug/L	20.00		112	43-162			
Methylene Chloride	22.5	5.00	ug/L	20.00		112	43-162			
Methyl tert-Butyl Ether	16.5	10.0	ug/L	20.00		82.6	63-134			
Methyl tert-Butyl Ether	16.5	10.0	ug/L	20.00		82.6	63-134			
m,p-Xylene	36.5	10.0	ug/L	40.00		91.2	82-132			
m,p-Xylene	36.5	10.0	ug/L	40.00		91.2	82-132			
n-Butylbenzene	22.8	5.00	ug/L	20.00		114	80-135			
n-Hexane	27.2	5.00	ug/L	21.20		128	10-216			
n-Hexane	27.2	5.00	ug/L	21.20		128	10-216			
o-Xylene	18.2	5.00	ug/L	20.00		91.0	81-128			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
LCS (1047123-BS1)				Prepared & Analyzed: 11/10/10						
o-Xylene	18.2	5.00	ug/L	20.00		91.0	81-128			
Styrene	18.1	5.00	ug/L	20.00		90.6	81-129			
Styrene	18.1	5.00	ug/L	20.00		90.6	81-129			
Tetrachloroethene	15.9	5.00	ug/L	20.00		79.4	43-152			
Tetrachloroethene	15.9	5.00	ug/L	20.00		79.4	43-152			
Toluene	19.2	5.00	ug/L	20.00		96.2	79-128			
Toluene	19.2	5.00	ug/L	20.00		96.2	79-128			
trans-1,2-Dichloroethene	20.3	5.00	ug/L	20.00		102	60-144			
trans-1,2-Dichloroethene	20.3	5.00	ug/L	20.00		102	60-144			
trans-1,3-Dichloropropene	18.4	5.00	ug/L	20.00		92.0	67-138			
trans-1,3-Dichloropropene	18.4	5.00	ug/L	20.00		92.0	67-138			
Trichloroethene	18.1	5.00	ug/L	20.00		90.4	74-132			
Trichloroethene	18.1	5.00	ug/L	20.00		90.4	74-132			
Trichlorofluoromethane	34.3	5.00	ug/L	20.00		172	48-170			L
Trichlorofluoromethane	34.3	5.00	ug/L	20.00		172	48-170			L
Vinyl Chloride	61.0	1.00	ug/L	20.00		305	60-143			L
Vinyl Chloride	61.0	1.00	ug/L	20.00		305	60-143			L
Vinyl acetate	15.6	10.0	ug/L	20.00		78.2	16-196			
Vinyl acetate	15.6	10.0	ug/L	20.00		78.2	16-196			
Surrogate: 4-Bromofluorobenzene	*34.6*		*ug/L*	*50.00*		*69.3*	*41-140*			
Surrogate: 4-Bromofluorobenzene	*34.6*		*ug/L*	*50.00*		*69.3*	*41-140*			
Surrogate: Dibromofluoromethane	*42.2*		*ug/L*	*50.00*		*84.5*	*34-158*			
Surrogate: Dibromofluoromethane	*42.2*		*ug/L*	*50.00*		*84.5*	*34-158*			
Surrogate: Toluene-d8	*41.0*		*ug/L*	*50.00*		*81.9*	*47-147*			
Surrogate: Toluene-d8	*41.0*		*ug/L*	*50.00*		*81.9*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*42.0*		*ug/L*	*50.00*		*84.1*	*29-163*			
Surrogate: 1,2-Dichloroethane-d4	*42.0*		*ug/L*	*50.00*		*84.1*	*29-163*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
LCS Dup (1047123-BSD1)				Prepared & Analyzed: 11/10/10						
1,1,1,2-Tetrachloroethane	17.7	5.00	ug/L	20.00		88.7	78-128	10.6	16	
1,1,1,2-Tetrachloroethane	17.7	5.00	ug/L	20.00		88.7	78-128	10.6	16	
1,1,1-Trichloroethane	18.3	5.00	ug/L	20.00		91.4	70-135	11.1	20	
1,1,1-Trichloroethane	18.3	5.00	ug/L	20.00		91.4	70-135	11.1	20	
1,1,2,2-Tetrachloroethane	18.2	5.00	ug/L	20.00		91.2	68-135	13.3	19	
1,1,2,2-Tetrachloroethane	18.2	5.00	ug/L	20.00		91.2	68-135	13.3	19	
1,1,2-Trichloroethane	20.2	5.00	ug/L	20.00		101	74-131	12.4	16	
1,1,2-Trichloroethane	20.2	5.00	ug/L	20.00		101	74-131	12.4	16	
1,1-Dichloroethane	24.1	5.00	ug/L	20.00		121	72-134	10.4	19	
1,1-Dichloroethane	24.1	5.00	ug/L	20.00		121	72-134	10.4	19	
1,1-Dichloroethene	21.4	5.00	ug/L	20.00		107	62-143	9.13	20	
1,1-Dichloroethene	21.4	5.00	ug/L	20.00		107	62-143	9.13	20	
1,1-Dichloropropene	20.4	5.00	ug/L	20.00		102	82-128	9.88	18	
1,1-Dichloropropene	20.4	5.00	ug/L	20.00		102	82-128	9.88	18	
1,2-Dibromoethane	17.3	5.00	ug/L	20.00		86.6	67-132	14.8	13	R
1,2-Dibromoethane	17.3	5.00	ug/L	20.00		86.6	67-132	14.8	13	R
1,2-Dichloroethane	17.6	5.00	ug/L	20.00		87.8	72-131	12.8	16	
1,2-Dichloroethane	17.6	5.00	ug/L	20.00		87.8	72-131	12.8	16	
1,2-Dichloropropane	22.0	5.00	ug/L	20.00		110	75-128	10.3	19	
1,2-Dichloropropane	22.0	5.00	ug/L	20.00		110	75-128	10.3	19	
1,3-Dichloropropane	19.4	5.00	ug/L	20.00		97.1	73-130	12.0	13	
1,3-Dichloropropane	19.4	5.00	ug/L	20.00		97.1	73-130	12.0	13	
2,2-Dichloropropane	23.6	5.00	ug/L	20.00		118	45-173	10.9	25	
2,2-Dichloropropane	23.6	5.00	ug/L	20.00		118	45-173	10.9	25	
2-Butanone	91.6	20.0	ug/L	80.00		115	42-140	20.9	18	R
2-Butanone	91.6	20.0	ug/L	80.00		115	42-140	20.9	18	R
2-Chlorotoluene	18.9	5.00	ug/L	20.00		94.6	76-126	8.95	20	
2-Chlorotoluene	18.9	5.00	ug/L	20.00		94.6	76-126	8.95	20	
2-Hexanone	79.6	20.0	ug/L	80.00		99.5	18-178	16.1	17	
2-Hexanone	79.6	20.0	ug/L	80.00		99.5	18-178	16.1	17	
4-Chlorotoluene	18.4	5.00	ug/L	20.00		92.1	77-132	7.61	22	
4-Chlorotoluene	18.4	5.00	ug/L	20.00		92.1	77-132	7.61	22	
4-Methyl-2-pentanone	74.4	20.0	ug/L	80.00		93.0	42-160	17.0	67	
4-Methyl-2-pentanone	74.4	20.0	ug/L	80.00		93.0	42-160	17.0	67	
Acetone	88.4	20.0	ug/L	80.00		110	30-173	10.4	24	
Acetone	88.4	20.0	ug/L	80.00		110	30-173	10.4	24	
Acetonitrile	25.3	40.0	ug/L	20.00		127	58-150	14.9	25	
Acetonitrile	25.3	40.0	ug/L	20.00		127	58-150	14.9	25	
Acrylonitrile	22.1	20.0	ug/L	20.00		111	64-153	17.6	20	
Acrylonitrile	22.1	20.0	ug/L	20.00		111	64-153	17.6	20	
Allyl chloride	21.6	5.00	ug/L	20.00		108	67-149	10.5	16	
Allyl chloride	21.6	5.00	ug/L	20.00		108	67-149	10.5	16	
Benzene	21.6	5.00	ug/L	20.00		108	77-126	9.82	19	
Benzene	21.6	5.00	ug/L	20.00		108	77-126	9.82	19	
Bromobenzene	17.3	5.00	ug/L	20.00		86.6	72-131	8.24	20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
LCS Dup (1047123-BSD1)				Prepared & Analyzed: 11/10/10						
Bromobenzene	17.3	5.00	ug/L	20.00		86.6	72-131	8.24	20	
Bromochloromethane	22.7	5.00	ug/L	20.00		114	71-135	13.2	16	
Bromochloromethane	22.7	5.00	ug/L	20.00		114	71-135	13.2	16	
Bromodichloromethane	19.2	5.00	ug/L	20.00		96.2	78-129	12.3	17	
Bromodichloromethane	19.2	5.00	ug/L	20.00		96.2	78-129	12.3	17	
Bromoform	15.2	5.00	ug/L	20.00		76.2	69-135	17.8	18	
Bromoform	15.2	5.00	ug/L	20.00		76.2	69-135	17.8	18	
Bromomethane	59.0	5.00	ug/L	20.00		295	14-193	2.47	28	L
Bromomethane	59.0	5.00	ug/L	20.00		295	14-193	2.47	28	L
Carbon Disulfide	21.7	20.0	ug/L	20.00		108	54-150	10.6	19	
Carbon Disulfide	21.7	20.0	ug/L	20.00		108	54-150	10.6	19	
Carbon Tetrachloride	17.6	5.00	ug/L	20.00		87.8	67-138	7.74	21	
Carbon Tetrachloride	17.6	5.00	ug/L	20.00		87.8	67-138	7.74	21	
Chlorobenzene	19.6	5.00	ug/L	20.00		98.0	77-125	8.02	19	
Chlorobenzene	19.6	5.00	ug/L	20.00		98.0	77-125	8.02	19	
Chloroethane	76.1	5.00	ug/L	20.00		381	27-170	3.45	64	L
Chloroethane	76.1	5.00	ug/L	20.00		381	27-170	3.45	64	L
Chloroform	23.4	5.00	ug/L	20.00		117	73-136	11.9	19	
Chloroform	23.4	5.00	ug/L	20.00		117	73-136	11.9	19	
Chloromethane	71.3	5.00	ug/L	20.00		356	44-145	7.96	26	L
Chloromethane	71.3	5.00	ug/L	20.00		356	44-145	7.96	26	L
cis-1,2-Dichloroethene	23.7	5.00	ug/L	20.00		118	77-137	9.73	17	
cis-1,2-Dichloroethene	23.7	5.00	ug/L	20.00		118	77-137	9.73	17	
cis-1,3-Dichloropropene	21.1	5.00	ug/L	20.00		105	70-133	13.2	19	
cis-1,3-Dichloropropene	21.1	5.00	ug/L	20.00		105	70-133	13.2	19	
Dibromochloromethane	17.2	5.00	ug/L	20.00		86.0	68-131	12.8	18	
Dibromochloromethane	17.2	5.00	ug/L	20.00		86.0	68-131	12.8	18	
Dibromomethane	18.8	5.00	ug/L	20.00		93.8	74-129	12.4	16	
Dibromomethane	18.8	5.00	ug/L	20.00		93.8	74-129	12.4	16	
Dichlorodifluoromethane	74.6	5.00	ug/L	20.00		373	41-145	11.8	15	L
Dichlorodifluoromethane	74.6	5.00	ug/L	20.00		373	41-145	11.8	15	L
Ethylbenzene	19.6	5.00	ug/L	20.00		98.2	79-126	8.05	20	
Ethylbenzene	19.6	5.00	ug/L	20.00		98.2	79-126	8.05	20	
Iodomethane	25.6	10.0	ug/L	20.00		128	52-150	11.5	25	
Iodomethane	25.6	10.0	ug/L	20.00		128	52-150	11.5	25	
Methylene Chloride	25.5	5.00	ug/L	20.00		127	43-162	12.6	28	
Methylene Chloride	25.5	5.00	ug/L	20.00		127	43-162	12.6	28	
Methyl tert-Butyl Ether	19.7	10.0	ug/L	20.00		98.4	63-134	17.5	20	
Methyl tert-Butyl Ether	19.7	10.0	ug/L	20.00		98.4	63-134	17.5	20	
m,p-Xylene	39.4	10.0	ug/L	40.00		98.5	82-132	7.75	18	
m,p-Xylene	39.4	10.0	ug/L	40.00		98.5	82-132	7.75	18	
n-Butylbenzene	23.0	5.00	ug/L	20.00		115	80-135	0.959	18	
n-Hexane	30.9	5.00	ug/L	21.20		146	10-216	12.9	64	
n-Hexane	30.9	5.00	ug/L	21.20		146	10-216	12.9	64	
o-Xylene	19.6	5.00	ug/L	20.00		97.8	81-128	7.20	19	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1047123 - VOC PREP										
LCS Dup (1047123-BSD1)				Prepared & Analyzed: 11/10/10						
o-Xylene	19.6	5.00	ug/L	20.00		97.8	81-128	7.20	19	
Styrene	19.8	5.00	ug/L	20.00		98.8	81-129	8.65	17	
Styrene	19.8	5.00	ug/L	20.00		98.8	81-129	8.65	17	
Tetrachloroethene	18.7	5.00	ug/L	20.00		93.4	43-152	16.1	29	
Tetrachloroethene	18.7	5.00	ug/L	20.00		93.4	43-152	16.1	29	
Toluene	20.9	5.00	ug/L	20.00		105	79-128	8.42	19	
Toluene	20.9	5.00	ug/L	20.00		105	79-128	8.42	19	
trans-1,2-Dichloroethene	22.8	5.00	ug/L	20.00		114	60-144	11.2	20	
trans-1,2-Dichloroethene	22.8	5.00	ug/L	20.00		114	60-144	11.2	20	
trans-1,3-Dichloropropene	21.0	5.00	ug/L	20.00		105	67-138	13.1	17	
trans-1,3-Dichloropropene	21.0	5.00	ug/L	20.00		105	67-138	13.1	17	
Trichloroethene	19.8	5.00	ug/L	20.00		99.1	74-132	9.13	20	
Trichloroethene	19.8	5.00	ug/L	20.00		99.1	74-132	9.13	20	
Trichlorofluoromethane	36.5	5.00	ug/L	20.00		182	48-170	6.10	50	L
Trichlorofluoromethane	36.5	5.00	ug/L	20.00		182	48-170	6.10	50	L
Vinyl Chloride	64.2	1.00	ug/L	20.00		321	60-143	5.19	19	L
Vinyl Chloride	64.2	1.00	ug/L	20.00		321	60-143	5.19	19	L
Vinyl acetate	17.9	10.0	ug/L	20.00		89.4	16-196	13.4	45	
Vinyl acetate	17.9	10.0	ug/L	20.00		89.4	16-196	13.4	45	
Surrogate: 4-Bromofluorobenzene	*42.1*		*ug/L*	*50.00*		*84.2*	*41-140*			
Surrogate: 4-Bromofluorobenzene	*42.1*		*ug/L*	*50.00*		*84.2*	*41-140*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.00*		*103*	*34-158*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.00*		*103*	*34-158*			
Surrogate: Toluene-d8	*48.6*		*ug/L*	*50.00*		*97.2*	*47-147*			
Surrogate: Toluene-d8	*48.6*		*ug/L*	*50.00*		*97.2*	*47-147*			
Surrogate: 1,2-Dichloroethane-d4	*51.7*		*ug/L*	*50.00*		*103*	*29-163*			
Surrogate: 1,2-Dichloroethane-d4	*51.7*		*ug/L*	*50.00*		*103*	*29-163*			

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1045316 - PREP_SVOC_W										
Blank (1045316-BLK1)				Prepared: 11/05/10 Analyzed: 11/12/10						
2-Methylnaphthalene	BDL	10.0	ug/L							
Acenaphthene	BDL	10.0	ug/L							
Acenaphthylene	BDL	10.0	ug/L							
Anthracene	BDL	10.0	ug/L							
Benz(a)anthracene	BDL	0.260	ug/L							
Benzo(a)pyrene	BDL	0.200	ug/L							
Benzo(b)fluoranthene	BDL	0.170	ug/L							
Benzo(g,h,i)perylene	BDL	10.0	ug/L							
Benzo(k)fluoranthene	BDL	1.70	ug/L							
Chrysene	BDL	10.0	ug/L							
Dibenz(a,h)anthracene	BDL	0.100	ug/L							
Fluoranthene	BDL	10.0	ug/L							
Fluorene	BDL	10.0	ug/L							
Indeno(1,2,3-cd)pyrene	BDL	0.220	ug/L							
Naphthalene	BDL	1.00	ug/L							
Phenanthrene	BDL	10.0	ug/L							
Pyrene	BDL	10.0	ug/L							
Surrogate: Nitrobenzene-d5	*32.0*		*ug/L*	*40.00*		*80.0*	*50-125*			
Surrogate: 2-Fluorobiphenyl	*25.7*		*ug/L*	*40.00*		*64.2*	*50-120*			
Surrogate: Terphenyl-d14	*19.8*		*ug/L*	*40.00*		*49.5*	*30-150*			
LCS (1045316-BS1)				Prepared: 11/05/10 Analyzed: 11/12/10						
Acenaphthene	71.8	10.0	ug/L	100.0		71.8	65-110			
Acenaphthylene	47.2	10.0	ug/L	100.0		47.2	45-120			
Anthracene	76.5	10.0	ug/L	100.0		76.5	50-120			
Benz(a)anthracene	85.1	0.260	ug/L	100.0		85.1	65-125			
Benzo(a)pyrene	87.0	0.200	ug/L	100.0		87.0	40-150			
Benzo(b)fluoranthene	98.4	0.170	ug/L	100.0		98.4	30-165			
Benzo(g,h,i)perylene	81.8	10.0	ug/L	100.0		81.8	40-175			
Benzo(k)fluoranthene	85.3	1.70	ug/L	100.0		85.3	35-125			
Chrysene	77.2	10.0	ug/L	100.0		77.2	60-125			
Dibenz(a,h)anthracene	81.5	0.100	ug/L	100.0		81.5	30-180			
Fluoranthene	79.6	10.0	ug/L	100.0		79.6	55-125			
Fluorene	45.6	10.0	ug/L	100.0		45.6	60-120			
Indeno(1,2,3-cd)pyrene	87.5	0.220	ug/L	100.0		87.5	40-180			
Naphthalene	79.8	1.00	ug/L	100.0		79.8	40-115			
Phenanthrene	52.4	10.0	ug/L	100.0		52.4	50-115			
Pyrene	67.3	10.0	ug/L	100.0		67.3	55-130			
Surrogate: Nitrobenzene-d5	*32.9*		*ug/L*	*40.00*		*82.4*	*50-125*			
Surrogate: 2-Fluorobiphenyl	*28.7*		*ug/L*	*40.00*		*71.8*	*50-120*			
Surrogate: Terphenyl-d14	*20.7*		*ug/L*	*40.00*		*51.7*	*30-150*			

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1045316 - PREP_SVOC_W										
LCS Dup (1045316-BSD1)				Prepared: 11/05/10 Analyzed: 11/12/10						
Acenaphthene	80.2	10.0	ug/L	100.0		80.2	65-110	11.1	15	
Acenaphthylene	49.2	10.0	ug/L	100.0		49.2	45-120	4.21	15	
Anthracene	79.9	10.0	ug/L	100.0		79.9	50-120	4.38	18	
Benz(a)anthracene	84.2	0.260	ug/L	100.0		84.2	65-125	1.04	20	
Benzo(a)pyrene	86.9	0.200	ug/L	100.0		86.9	40-150	0.0920	20	
Benzo(b)fluoranthene	95.4	0.170	ug/L	100.0		95.4	30-165	3.07	30	
Benzo(g,h,i)perylene	84.1	10.0	ug/L	100.0		84.1	40-175	2.80	20	
Benzo(k)fluoranthene	89.0	1.70	ug/L	100.0		89.0	35-125	4.17	30	
Chrysene	76.4	10.0	ug/L	100.0		76.4	60-125	1.04	20	
Dibenz(a,h)anthracene	83.9	0.100	ug/L	100.0		83.9	30-180	2.90	20	
Fluoranthene	82.1	10.0	ug/L	100.0		82.1	55-125	3.14	15	
Fluorene	47.4	10.0	ug/L	100.0		47.4	60-120	3.85	15	
Indeno(1,2,3-cd)pyrene	90.1	0.220	ug/L	100.0		90.1	40-180	2.97	30	
Naphthalene	84.4	1.00	ug/L	100.0		84.4	40-115	5.55	14	
Phenanthrene	52.2	10.0	ug/L	100.0		52.2	50-115	0.325	18	
Pyrene	70.4	10.0	ug/L	100.0		70.4	55-130	4.46	20	
Surrogate: Nitrobenzene-d5	*33.3*		*ug/L*	*40.00*		*83.4*	*50-125*			
Surrogate: 2-Fluorobiphenyl	*29.3*		*ug/L*	*40.00*		*73.3*	*50-120*			
Surrogate: Terphenyl-d14	*18.5*		*ug/L*	*40.00*		*46.2*	*30-150*			

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
R	RPD outside of accepted recovery limits.
L	Laboratory control sample recovery outside of acceptance limits high, sample results are below detection limits. Sample data is still acceptable.
K	Result from method of standard additions.
B	Analyte is found in the associated blank as well as in the sample.
A-01	BSD Acceptable

Sample preservation was met unless otherwise noted.