

ANALYTICAL RESULTS

Project Location: Marcellus
 Date Received: 11/8/2011
 Field Sample #: XXXXXXXXXX
 Sample ID: 11K0217-02
 Sample Matrix: Ambient Air
 Sampled: 10/12/2011 14:25

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1807
 Canister Size: 6 liter
 Flow Controller ID: 3419
 Sample Type: 24 hr

Work Order: 11K0217
 Initial Vacuum(in Hg): -31
 Final Vacuum(in Hg): -13
 Receipt Vacuum(in Hg): -12.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-14A

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Benzene	0.097	0.050		0.31	0.16	1	11/9/11	9:41	WSD
Bromomethane	ND	0.050		ND	0.19	1	11/9/11	9:41	WSD
Carbon Tetrachloride	0.077	0.050		0.48	0.31	1	11/9/11	9:41	WSD
Chlorobenzene	ND	0.050		ND	0.23	1	11/9/11	9:41	WSD
Chloroethane	ND	0.050		ND	0.13	1	11/9/11	9:41	WSD
Chloroform	ND	0.050		ND	0.24	1	11/9/11	9:41	WSD
Chloromethane	0.55	0.050		1.1	0.10	1	11/9/11	9:41	WSD
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	1	11/9/11	9:41	WSD
1,2-Dichlorobenzene	ND	0.050		ND	0.30	1	11/9/11	9:41	WSD
1,3-Dichlorobenzene	ND	0.050		ND	0.30	1	11/9/11	9:41	WSD
1,4-Dichlorobenzene	ND	0.050		ND	0.30	1	11/9/11	9:41	WSD
Dichlorodifluoromethane (Freon 12)	0.38	0.050		1.9	0.25	1	11/9/11	9:41	WSD
1,1-Dichloroethane	ND	0.050		ND	0.20	1	11/9/11	9:41	WSD
1,2-Dichloroethane	ND	0.050		ND	0.20	1	11/9/11	9:41	WSD
1,1-Dichloroethylene	ND	0.050		ND	0.20	1	11/9/11	9:41	WSD
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	1	11/9/11	9:41	WSD
1,2-Dichloropropane	ND	0.050		ND	0.23	1	11/9/11	9:41	WSD
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	1	11/9/11	9:41	WSD
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	1	11/9/11	9:41	WSD
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050		ND	0.35	1	11/9/11	9:41	WSD
Ethylbenzene	ND	0.050		ND	0.22	1	11/9/11	9:41	WSD
Hexachlorobutadiene	ND	0.050		ND	0.53	1	11/9/11	9:41	WSD
Methylene Chloride	1.1	0.50		3.8	1.7	1	11/9/11	9:41	WSD
Styrene	ND	0.050		ND	0.21	1	11/9/11	9:41	WSD
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	1	11/9/11	9:41	WSD
Tetrachloroethylene	ND	0.050		ND	0.34	1	11/9/11	9:41	WSD
Toluene	0.20	0.050		0.75	0.19	1	11/9/11	9:41	WSD
1,2,4-Trichlorobenzene	ND	0.050		ND	0.37	1	11/9/11	9:41	WSD
1,1,1-Trichloroethane	ND	0.050		ND	0.27	1	11/9/11	9:41	WSD
1,1,2-Trichloroethane	ND	0.050		ND	0.27	1	11/9/11	9:41	WSD
Trichloroethylene	ND	0.050		ND	0.27	1	11/9/11	9:41	WSD
Trichlorofluoromethane (Freon 11)	0.26	0.050		1.5	0.28	1	11/9/11	9:41	WSD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.093	0.050		0.71	0.38	1	11/9/11	9:41	WSD
1,2,4-Trimethylbenzene	ND	0.050		ND	0.25	1	11/9/11	9:41	WSD
1,3,5-Trimethylbenzene	ND	0.050		ND	0.25	1	11/9/11	9:41	WSD
Vinyl Chloride	ND	0.050		ND	0.13	1	11/9/11	9:41	WSD
m&p-Xylene	ND	0.10		ND	0.43	1	11/9/11	9:41	WSD
o-Xylene	ND	0.050		ND	0.22	1	11/9/11	9:41	WSD

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Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Surrogates	% Recovery			% REC Limits				
4-Bromofluorobenzene (1)		106			70-130		11/9/11 9:41	