Louisiana Department of Environmental Quality
Mobile Air Monitoring Laboratory

Sample ID: 10111211.D
Canister ID: LA2316
Sample Date: 10/11/2012
Start Time: 10:11AM Duration: Grab
Analysis ID: 10111211.D Method: TO-15 (GC/MS)

Sample Location: Bayou Corne
Bubble site #1

Sample Collector: Sean Darensbourg
Analyzed By: Randy Creighton

Compound	ppbv	PQL/ppbv
Freon-12	0.45	0.50
Chloromethane	0.25	0.50
Freon-114	nd	0.50
Vinyl Chloride	nd	0.50
1,3-Butadiene	nd	0.50
Bromomethane	nd	0.50
Chloroethane	nd	0.50
Freon-11	0.22	0.50
1,1-Dichloroethene	nd	0.50
Carbon Disulfide	0.10	0.50
Freon-113	0.08	0.50
Methylene Chloride	0.87	0.50
Acetone	3.76	0.50
MTBE	nd	0.50
1,1-Dichloroethane	nd	0.50
cis-1,2-Dichloroethene	nd	0.50
2-Butanone	0.44	0.50
Chloroform	0.05	0.50
Tetrahydrofuran	0.01	0.50
1,1,1-Trichloroethane	0.02	0.50
Carbon Tetrachloride	0.10	0.50
Benzene	0.31	0.50
1,2-Dichloroethane	0.04	0.50
Trichloroethylene	nd	0.50

Compound	ppbv	PQL/ppbv
1,2-Dichloropropane	0.02	0.50
cis-1,3-Dichloropropene	0.03	0.50
Toluene	0.28	0.50
4-Methyl-2-Pentanone	nd	0.50
trans-1,3-Dichloropropene	nd	0.50
Tetrachloroethylene	0.04	0.50
1,1,2-Trichlorethane	0.02	0.50
1,2-Dibromoethane	0.02	0.50
2-Hexanone	nd	0.50
Chlorobenzene	0.02	0.50
Ethylbenzene	0.12	0.50
m/p-Xylene	0.18	1.00
Styrene	0.05	0.50
o-Xylene	0.08	0.50
1,1,2,2-Tetrachloroethane	0.02	0.50
1,3,5-Trimethylbenzene	0.04	0.50
1,2,4-Trimethylbenzene	0.07	0.50
m-Dichlorobenzene	0.04	0.50
Benzyl Chloride	0.03	0.50
p-Dichlorobenzene	0.04	0.50
o-Dichlorobenzene	0.04	0.50
1,2,4-Trichlorobenzene	0.09	0.50
1,3-Hexachlorobutadiene	nd	0.50

Notes: Concentrations below 0.5 ppbv are estimated values below the Practical Quantitation Limit (PQL).
nd = non-detect

Tentatively Identified Compounds (Concentrations in ppbv are estimations only):

Isobutane = 6.38
Ethanol = 0.30
N-Hexane = 0.45
Butane, 2-Methyl- = 1.17
Pentane, 2-Methyl- = 0.39