



**Texas Department of State Health Services**

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LABORATORY SERVICES SECTION, MC-1947  
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**Volatile Organic Compounds by GC/MS  
 Analysis Report**

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY  
 FM 1765  
 TEXAS CITY, TX 77591-3680

Date Reported : 08/03/2010  
 Report ID#: 20100803053316AB33993

Lab Sample ID#: AB33993      Water Source :      Date Collected : 07/22/2010 10:09      Conc. Units : µg/L  
 Sample Priority : NORMAL      Entry Point(s) : EP001      Date Received : 07/23/2010      Method : EPA 524.2  
 TCEQ ID#(s) : 1012272      Date Analyzed : 07/29/2010      Analyst : MK  
 Sample Cond. : Acceptable

Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier	Screened Compounds *	Result	Qualifier
Benzene	<0.5		Dibromochloropropane	<1.0	
Carbon tetrachloride	<0.5		Ethylene dibromide	<1.0	
Monochlorobenzene	<0.5		<b>Monitored Cmpds.[40 CFR 141.40(j)]</b>	<b>Result</b>	<b>Qualifier</b>
o-Dichlorobenzene	<0.5		1,2,4-Trimethylbenzene	<1.0	
para-Dichlorobenzene	<0.5		1,2,3-Trichlorobenzene	<1.0	
1,2-Dichloroethane	<0.5		n-Propylbenzene	<1.0	
1,1-Dichloroethylene	<0.5		n-Butylbenzene	<1.0	
cis-1,2-Dichloroethylene	<0.5		Naphthalene	<1.0	
trans-1,2-Dichloroethylene	<0.5		Hexachlorobutadiene	<1.0	
1,2-Dichloropropane	<0.5		1,3,5-Trimethylbenzene	<1.0	
Dichloromethane	<0.5		4-Isopropyltoluene	<1.0	
Ethylbenzene	<0.5		Isopropylbenzene	<1.0	
Styrene	<0.5		t-Butylbenzene	<1.0	
Tetrachloroethylene	<0.5		s-Butylbenzene	<1.0	
Toluene	<0.5		Trichlorofluoromethane	<2.0	
1,2,4-Trichlorobenzene	<0.5		Dichlorodifluoromethane	<2.0	
1,1,1-Trichloroethane	<0.5		Bromochloromethane	<1.0	
1,1,2-Trichloroethane	<0.5		<b>Other Compounds</b>	<b>Result</b>	<b>Qualifier</b>
Trichloroethylene	<0.5		Acetone	<10	
Vinyl chloride	<0.5		Acrylonitrile	<10	
Xylenes (total)	<0.5		2-Butanone (MEK)	<10	
<b>Monitored Cmpds.[40 CFR 141.40(e)]</b>	<b>Result</b>	<b>Qualifier</b>	Carbon disulfide	<1.0	
Chloroform	8.7		Ethyl methacrylate	<1.0	
Bromodichloromethane	15		2-Hexanone	<1.0	
Dibromochloromethane	13		Iodomethane	<2.0	
Bromoform	1.9		Methyl methacrylate	<1.0	
Dibromomethane	<1.0		4-Methyl-2-pentanone (MIBK)	<2.0	
1,3-Dichlorobenzene	<1.0		Methyl-t-butyl ether (MTBE)	<2.0	
1,1-Dichloropropene	<1.0		Tetrahydrofuran	33	
1,1-Dichloroethane	<1.0		Vinyl acetate	<10	
1,1,2,2-Tetrachloroethane	<1.0		<b>Comments:</b>		
1,3-Dichloropropane	<1.0		* Screened Compounds : Method 524.2 is not an approved method for these compounds.		
Chloromethane	<2.0		Unless otherwise noted, the test results on this report relate only to the sample identified on this report and meets all NELAC requirements.		
Bromomethane	<1.0		<b>Authorized by Team Lead GNESBITT on 08/02/2010</b>		
1,2,3-Trichloropropane	<1.0				
1,1,1,2-Tetrachloroethane	<1.0				
Chloroethane	<2.0				
2,2-Dichloropropane	<1.0				
2-Chlorotoluene	<1.0				
4-Chlorotoluene	<1.0				
Bromobenzene	<1.0				
cis-1,3-Dichloropropene	<1.0				
trans-1,3-Dichloropropene	<1.0				

