NYC 9/11 Public Portal Document

Volatile Organic Compounds (VOC) Air Sampling Analysis Results

Collection Date: 10/8/01 • Units: ppb v/v

Contaminant	Queens Broadway Ave & 31st St	Bronx 138th St & 3rd Ave	Manhattan Central Park N. & Lenox	Brooklyn Berry St & North 11th St	Brooklyn Atlantic Ave & Smith St	Staten Island Bay St & Victory Blvd
Dichlorodifluoromethane	0.55	0.47	0.58	0.57	0.42	0.55
Chloromethane	0.61	0.50	0.61	0.88	0.59	0.80
1,2-Dichlorotetrafluoroethane	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.30	ND	0.22	0.23	ND	0.22
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND
Freon 113	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	2.79	1.12	5.54	0.77	1.37	0.25
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND
Benzene	0.62	0.55	5.30	0.76	1.06	0.33
Carbon Tetrachloride	0.14	0.11	0.12	0.11	0.12	0.12
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorethane	ND	ND	ND	ND	ND	ND
Toluene	3.93	4.46	9.68	1.08	2.32	0.39
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.11	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND

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Contaminant	Queens Broadway Ave & 31st St	Bronx 138th St & 3rd Ave	Manhattan Central Park N. & Lenox	Brooklyn Berry St & North 11th St	Brooklyn Atlantic Ave & Smith St	Staten Island Bay St & Victory Blvd
Ethylbenzene	0.73	0.71	1.41	0.30	0.59	0.15
m,p-Xylene	ND	1.97	3.64	0.55	1.25	0.21
Styrene	0.13	0.11	0.60	0.11	0.15	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND
o-Xylene	0.68	0.62	1.32	0.20	0.46	0.08
1,3,5-Trimethylbenzene	0.22	0.18	0.47	ND	0.16	ND
1,2,4-Trimethylbenzene	0.56	0.64	1.58	0.21	0.52	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.22	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.43	ND	ND	ND	ND	ND
Hexachloro-1,3-Butadiene	0.29	ND	ND	ND	ND	ND
Tentatively Identified Compounds						
2-Methyl butane	1.30	–	2.85	–	1.12	–
2-Methyl Pentane	--	–	1.48	–	–	–
3-Methyl pentane	--	–	1.14	–	–	–
Pentane	--	–	1.41	–	–	–
2-Methyl 1-1 Propene	--	–	2.15	–	–	–
Propene	--	–	2.48	–	–	–
2,2,4,4-Tetramethylhexane	--	–	1.03	–	–	–

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