Young Scholars Academy
Houston, TX

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	9/16/2009	9/22/2009	9/28/2009	10/4/2009	10/10/2009	10/16/2009	10/21/2009	10/27/2009	11/2/2009	11/8/2009	11/19/2009	11/24/2009	11/30/2009	12/3/2009	12/9/2009	12/15/2009
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (Micrograms/cubic meter)	440	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (Micrograms/cubic meter)	4400	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene (Micrograms/cubic meter)	80	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	--	--	--	--	--	--	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane (Micrograms/cubic meter)	200	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	0.25	0.28	0.15	0.13	0.14	0.06	0.05	ND	ND	0.05
Acetonitrile (Micrograms/cubic meter)**	600	--	--	--	--	--	--	0.618	0.225	0.218	0.334	0.185	0.16	0.11	0.089	0.1	0.13
Acrylonitrile (Micrograms/cubic meter)	200	--	--	--	--	--	--	ND	ND	ND	ND	0.228	ND	ND	ND	ND	ND
Benzyl chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform (Micrograms/cubic meter)**	6400	--	--	--	--	--	--	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND

Bromomethane (Micrograms/cubic meter)**	200	--	--	--	--	--	--	0.051	0.066	0.11	0.062	0.051	0.03	0.039	0.051	0.03	0.085
Carbon disulfide (Micrograms/cubic meter)**	7000	--	--	--	--	--	--	0.903	0.056	0.044	0.069	0.059	0.034	0.11	0.044	0.034	0.12
Carbon tetrachloride (Micrograms/cubic meter)**	200	--	--	--	--	--	--	0.743	0.62	0.705	0.925	0.57	0.5	0.56	0.62	0.6	0.636
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)	40000	--	--	--	--	--	--	0.1	0.055	0.04	0.037	0.02	ND	0.063	ND	ND	0.071
Chloroform (Micrograms/cubic meter)**	500	--	--	--	--	--	--	0.12	0.14	0.15	0.21	0.098	0.078	0.088	0.1	0.098	0.098
Chloromethane (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	1.45	1.31	1.16	1.68	0.959	0.959	0.965	0.818	0.843	0.971
Chloroprene (Micrograms/cubic meter)	200	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)**	2000	--	--	--	--	--	--	1.24	0.605	1.08	0.4	0.3	0.424	0.27	0.34	0.34	0.3
Ethyl acrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	--	--	--	--	--	--	0.3	1.58	0.556	0.25	0.26	0.29	0.19	0.21	0.15	0.23
Ethylene dibromide (Micrograms/cubic meter)	12	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)**	320	--	--	--	--	--	--	ND	0.04	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloroform (Micrograms/cubic meter)**	10000	--	--	--	--	--	--	0.076	0.087	0.055	0.093	0.05	0.066	0.04	0.066	0.06	0.093

Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	--	--	--	--	--	--	0.23	0.885	0.16	0.082	0.414	0.3	ND	0.29	0.07	ND
Methyl methacrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (Micrograms/cubic meter)	7000	--	--	--	--	--	--	ND	0.051	ND	ND	ND	ND	ND	ND	ND	ND
Styrene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	0.14	0.19	0.14	0.13	0.13	0.16	0.09	0.068	ND	0.06
Tetrachloroethylene (Micrograms/cubic meter)**	1400	--	--	--	--	--	--	0.22	0.4	0.21	0.16	0.12	0.14	0.1	0.088	0.095	0.1
Toluene (Micrograms/cubic meter)**	4000	--	--	--	--	--	--	2.06	6.67	5.81	1.39	4.3	2.94	1.85	1.3	1.02	1.62
Trichloroethylene (Micrograms/cubic meter)**	10000	--	--	--	--	--	--	ND	0.1	ND	0.075	ND	ND	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	--	--	--	--	--	--	ND	0.02	ND	0.02	ND	ND	ND	ND	ND	ND
o-Xylene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	0.27	1.49	0.434	0.2	0.24	0.23	0.16	0.18	0.11	0.17

ND = Pollutant Not Detected
— = Sample not taken or invalid

The sample screening level is a level of pollution in the air that is below what we expect to cause health problems from short-term exposures

(Results are for metals in air samples of particulate matter 10 micrograms in diameter and smaller (PM10) collected over a 24-hour period to obtain an average concentration during that day.)

** EPA has replaced some data that previously were incorrectly reported. See the changes here.

NOTE: Additional volatile organic compound samples are being collected at this site. Previous samples have been invalidated due to a sampler contamination issue. Please click here for more information.