



## Report of Analysis

Client Sample ID:	P03SV-09		
Lab Sample ID:	JA27118-1	Date Sampled:	09/03/09
Matrix:	AIR - Air	Summa ID:	A780
Method:	TO-15	Date Received:	09/03/09
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		
		Percent Solids:	n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	0.50	0.077	ppbv		ND	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.45	0.20	0.019	ppbv		2.0	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.051	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.33	0.20	0.043	ppbv		1.6	0.98	ug/m3
76-13-1	187.4	Freon 113	13.1	0.040	0.022	ppbv		100	0.31	ug/m3
76-14-2	170.9	Freon 114	ND	0.040	0.022	ppbv		ND	0.28	ug/m3
142-82-5	100.2	Heptane	0.28	0.20	0.026	ppbv		1.1	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.043	ppbv		ND	0.96	ug/m3
110-54-3	86.17	Hexane	ND	0.20	0.019	ppbv		ND	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.030	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.20	0.035	ppbv		ND	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.12	0.20	0.025	ppbv	J	0.42	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.20	0.039	ppbv		ND	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.39	0.20	0.045	ppbv		1.6	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.022	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.061	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	0.29	0.20	0.018	ppbv		1.2	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	411 <sup>a</sup>	0.80	0.49	ppbv		2240 <sup>a</sup>	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.040	0.023	ppbv		ND	0.27	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.040	0.021	ppbv		ND	0.22	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.065	ppbv		ND	0.74	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.5	0.20	0.021	ppbv		7.4	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.56	0.20	0.026	ppbv		2.8	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.020	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.023	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	35.8	0.040	0.021	ppbv		243	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.032	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.1	0.20	0.018	ppbv		4.1	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	34.9	0.040	0.019	ppbv		188	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	2.9	0.040	0.021	ppbv		16	0.22	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.023	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.046	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.66	0.20	0.045	ppbv		2.9	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.46	0.20	0.023	ppbv		2.0	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.1	0.20	0.023	ppbv		4.8	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%	91%	65-128%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound