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Report of Analysis

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

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 [a]	0.80	0.49	ppbv		2240 [a]	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

Report of Analysis

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

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	P03SV-10		
Lab Sample ID:	JA27118-2	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A898	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W22415.D	1	09/10/09	YMH	n/a	n/a	VW940
Run #2	2W25496.D	1	09/12/09	YMH	n/a	n/a	V2W1075

	Initial Volume
Run #1	400 ml
Run #2	80.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	85.3 [a]	1.0	0.20	ppbv		203 [a]	2.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	5.3	0.20	0.021	ppbv		17	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.040	0.028	ppbv		ND	0.27	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.022	ppbv		ND	0.41	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.24	0.20	0.034	ppbv		0.75	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	1.3	0.20	0.040	ppbv		3.4	0.53	ug/m3
67-66-3	119.4	Chloroform	0.28	0.20	0.028	ppbv		1.4	0.98	ug/m3
74-87-3	50.49	Chloromethane	1.1	0.20	0.047	ppbv		2.3	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.21	0.040	0.022	ppbv		1.3	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.040	0.021	ppbv		ND	0.31	ug/m3
107-06-2	98.96	1,2-Dichloroethane	0.053	0.20	0.036	ppbv	J	0.21	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	12.9	0.20	0.063	ppbv		46.5	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.89	0.20	0.024	ppbv		4.4	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.040	0.034	ppbv		ND	0.34	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.032	ppbv		ND	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.037	ppbv		ND	0.24	ug/m3
106-46-7	147	p-Dichlorobenzene	0.98	0.10	0.032	ppbv		5.9	0.60	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

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

Report of Analysis

Client Sample ID:	P03SV-10		
Lab Sample ID:	JA27118-2	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A898	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	2.7	0.50	0.077	ppbv		5.1	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	8.6	0.20	0.019	ppbv		37	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	ND	0.20	0.043	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	3.4	0.040	0.022	ppbv		26	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	1.8	0.20	0.026	ppbv		7.4	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	1.5	0.20	0.019	ppbv		5.3	0.70	ug/m3
591-78-6	100	2-Hexanone	0.43	0.20	0.030	ppbv		1.8	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.7	0.20	0.035	ppbv		6.6	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.24	0.20	0.025	ppbv		0.83	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	8.1	0.20	0.039	ppbv		24	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	2.2	0.20	0.045	ppbv		9.0	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	33.3	0.50	0.061	ppbv		57.2	0.86	ug/m3
100-42-5	104.1	Styrene	4.3	0.20	0.018	ppbv		18	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	9.8	0.040	0.025	ppbv		53	0.22	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	13.6	0.20	0.021	ppbv		66.9	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	5.2	0.20	0.026	ppbv		26	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.42	0.20	0.020	ppbv		2.0	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	3.1	0.20	0.023	ppbv		9.4	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	17.8	0.040	0.021	ppbv		121	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	85.8 [a]	1.0	0.089	ppbv		323 [a]	3.8	ug/m3
79-01-6	131.4	Trichloroethylene	5.1	0.040	0.019	ppbv		27	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	5.4	0.040	0.021	ppbv		30	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	27.9	0.20	0.045	ppbv		121	0.87	ug/m3
95-47-6	106.2	o-Xylene	13.2	0.20	0.023	ppbv		57.3	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	41.1	0.20	0.023	ppbv		179	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%	109%	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

Report of Analysis

Client Sample ID:	P03SV-10		
Lab Sample ID:	JA27118-2	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A898	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	P03SV-11		
Lab Sample ID:	JA27118-3	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A639	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W22416.D	1	09/10/09	YMH	n/a	n/a	VW940
Run #2	2W25497.D	1	09/12/09	YMH	n/a	n/a	V2W1075

	Initial Volume
Run #1	400 ml
Run #2	20.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	11.1	0.20	0.039	ppbv		26.4	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.38	0.20	0.021	ppbv		1.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.040	0.028	ppbv		ND	0.27	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.022	ppbv		ND	0.41	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	2.1	0.20	0.034	ppbv		6.5	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	13.2	0.20	0.028	ppbv		64.5	0.98	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.047	ppbv		ND	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.086	0.040	0.022	ppbv		0.54	0.25	ug/m3
110-82-7	84.16	Cyclohexane	1.1	0.20	0.061	ppbv		3.8	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	2.2	0.20	0.032	ppbv		8.9	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	0.33	0.20	0.044	ppbv		1.3	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.040	0.021	ppbv		ND	0.31	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.75	0.20	0.024	ppbv		3.7	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.040	0.034	ppbv		ND	0.34	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	0.10	0.20	0.035	ppbv	J	0.40	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.11	0.20	0.028	ppbv	J	0.44	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.032	ppbv		ND	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.037	ppbv		ND	0.24	ug/m3
106-46-7	147	p-Dichlorobenzene	0.38	0.10	0.032	ppbv		2.3	0.60	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

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

Report of Analysis

Client Sample ID:	P03SV-11		
Lab Sample ID:	JA27118-3	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A639	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

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	1.5	0.20	0.019	ppbv		6.5	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	0.075	0.20	0.043	ppbv	J	0.37	0.98	ug/m3
76-13-1	187.4	Freon 113	8.5	0.040	0.022	ppbv		65	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	0.75	0.20	0.026	ppbv		3.1	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	1.8	0.20	0.019	ppbv		6.3	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	0.22	0.20	0.025	ppbv		0.76	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.7	0.20	0.039	ppbv		11	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	3.0	0.20	0.045	ppbv		12	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	2.7	0.50	0.061	ppbv		4.6	0.86	ug/m3
100-42-5	104.1	Styrene	0.11	0.20	0.018	ppbv	J	0.47	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	192 [a]	0.80	0.49	ppbv		1050 [a]	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	0.32	0.040	0.021	ppbv		1.7	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	0.43	0.20	0.021	ppbv		2.1	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.14	0.20	0.026	ppbv	J	0.69	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	0.97	0.20	0.023	ppbv		2.9	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	17.4	0.040	0.021	ppbv		118	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	2.7	0.20	0.018	ppbv		10	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	694 [a]	0.80	0.37	ppbv		3730 [a]	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	2.7	0.040	0.021	ppbv		15	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	6.0	0.20	0.045	ppbv		26	0.87	ug/m3
95-47-6	106.2	o-Xylene	1.0	0.20	0.023	ppbv		4.3	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	7.0	0.20	0.023	ppbv		30	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%	92%	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

Report of Analysis

Client Sample ID:	P03SV-11			
Lab Sample ID:	JA27118-3		**Date Sampled:**	09/03/09
Matrix:	AIR - Air	Summa ID: A639	**Date Received:**	09/03/09
Method:	TO-15		**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY			

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	P03SV-12		
Lab Sample ID:	JA27118-4	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A300	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W22417.D	1	09/10/09	YMH	n/a	n/a	VW940
Run #2	2W25540.D	1	09/14/09	YMH	n/a	n/a	V2W1077

	Initial Volume
Run #1	400 ml
Run #2	100 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	88.6 [a]	0.80	0.16	ppbv		210 [a]	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.55	0.20	0.021	ppbv		1.8	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.040	0.028	ppbv		ND	0.27	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.022	ppbv		ND	0.41	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.33	0.20	0.034	ppbv		1.0	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	1.4	0.20	0.028	ppbv		6.8	0.98	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.047	ppbv		ND	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.31	0.040	0.022	ppbv		2.0	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	1.1	0.20	0.032	ppbv		4.5	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	1.9	0.20	0.044	ppbv		7.5	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.040	0.021	ppbv		ND	0.31	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	102 [a]	0.80	0.25	ppbv		368 [a]	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.70	0.20	0.024	ppbv		3.5	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.040	0.034	ppbv		ND	0.34	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	0.072	0.20	0.035	ppbv	J	0.29	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.032	ppbv		ND	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.037	ppbv		ND	0.24	ug/m3
106-46-7	147	p-Dichlorobenzene	1.1	0.10	0.032	ppbv		6.6	0.60	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

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

Report of Analysis

Client Sample ID:	P03SV-12		
Lab Sample ID:	JA27118-4	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A300	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	7.0	0.50	0.077	ppbv		13	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	3.5	0.20	0.019	ppbv		15	0.87	ug/m3
141-78-6	88	Ethyl Acetate	2.4	0.20	0.051	ppbv		8.6	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.85	0.20	0.043	ppbv		4.2	0.98	ug/m3
76-13-1	187.4	Freon 113	6.7	0.040	0.022	ppbv		51	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	0.71	0.20	0.026	ppbv		2.9	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	0.37	0.20	0.019	ppbv		1.3	0.70	ug/m3
591-78-6	100	2-Hexanone	0.41	0.20	0.030	ppbv		1.7	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.7	0.20	0.035	ppbv		6.6	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.17	0.20	0.025	ppbv	J	0.59	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.5	0.20	0.039	ppbv		10	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	2.1	0.20	0.045	ppbv		8.6	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	1.4	0.50	0.061	ppbv		2.4	0.86	ug/m3
100-42-5	104.1	Styrene	1.4	0.20	0.018	ppbv		6.0	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	49.7 [a]	0.16	0.098	ppbv		271 [a]	0.87	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	6.5	0.20	0.021	ppbv		32	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.6	0.20	0.026	ppbv		7.9	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	17.4	0.20	0.023	ppbv		52.7	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	43.0 [a]	0.16	0.083	ppbv		292 [a]	1.1	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	3.7	0.20	0.018	ppbv		14	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	75.0 [a]	0.16	0.074	ppbv		403 [a]	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	1.0	0.040	0.021	ppbv		5.6	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	12.5	0.20	0.045	ppbv		54.3	0.87	ug/m3
95-47-6	106.2	o-Xylene	3.2	0.20	0.023	ppbv		14	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	15.7	0.20	0.023	ppbv		68.2	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%	96%	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

Report of Analysis

Client Sample ID:	P03SV-12		
Lab Sample ID:	JA27118-4	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A300	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	P03SV-13		
Lab Sample ID:	JA27118-5	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A237,A407	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W22418.D	1	09/10/09	YMH	n/a	n/a	VW940
Run #2	2W25541.D	80	09/15/09	YMH	n/a	n/a	V2W1077

	Initial Volume
Run #1	400 ml
Run #2	100 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	10.9	0.20	0.039	ppbv		25.9	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	1.1	0.20	0.021	ppbv		3.5	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.040	0.028	ppbv		ND	0.27	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.022	ppbv		ND	0.41	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.17	0.20	0.034	ppbv	J	0.53	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	8.5	0.20	0.028	ppbv		42	0.98	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.047	ppbv		ND	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.32	0.040	0.022	ppbv		2.0	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	0.42	0.20	0.032	ppbv		1.7	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.040	0.021	ppbv		ND	0.31	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.67	0.20	0.024	ppbv		3.3	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.040	0.034	ppbv		ND	0.34	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	0.51	0.20	0.035	ppbv		2.0	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	2.6	0.20	0.028	ppbv		10	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.032	ppbv		ND	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.037	ppbv		ND	0.24	ug/m3
106-46-7	147	p-Dichlorobenzene	0.47	0.10	0.032	ppbv		2.8	0.60	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

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

Report of Analysis

Client Sample ID:	P03SV-13		
Lab Sample ID:	JA27118-5	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A237,A407	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

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	0.085	0.20	0.019	ppbv	J	0.37	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	ND	0.20	0.043	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	5.3	0.040	0.022	ppbv		41	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	ND	0.20	0.026	ppbv		ND	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	0.25	0.20	0.025	ppbv		0.87	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	ND	0.20	0.045	ppbv		ND	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	0.86	0.50	0.061	ppbv		1.5	0.86	ug/m3
100-42-5	104.1	Styrene	0.078	0.20	0.018	ppbv	J	0.33	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	12.4	0.040	0.025	ppbv		67.7	0.22	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	1.2	0.040	0.021	ppbv		6.5	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	0.15	0.20	0.021	ppbv	J	0.74	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.026	ppbv		ND	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	781 [a]	13	6.7	ppbv		5300 [a]	88	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	0.49	0.20	0.018	ppbv		1.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	6950 [a]	13	5.9	ppbv		37400 [a]	70	ug/m3
75-69-4	137.4	Trichlorofluoromethane	1.1	0.040	0.021	ppbv		6.2	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	0.27	0.20	0.045	ppbv		1.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.13	0.20	0.023	ppbv	J	0.56	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.40	0.20	0.023	ppbv		1.7	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%	81%	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

Report of Analysis

Client Sample ID:	P03SV-13			
Lab Sample ID:	JA27118-5		**Date Sampled:**	09/03/09
Matrix:	AIR - Air	Summa ID: A237,A407	**Date Received:**	09/03/09
Method:	TO-15		**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY			

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	P03SV-21		
Lab Sample ID:	JA27118-7	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A378	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W22421.D	1	09/10/09	YMH	n/a	n/a	VW940
Run #2	2W25542.D	1	09/15/09	YMH	n/a	n/a	V2W1077

	Initial Volume
Run #1	400 ml
Run #2	20.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	4.9	0.20	0.039	ppbv		12	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.15	0.20	0.021	ppbv	J	0.48	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.040	0.028	ppbv		ND	0.27	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.022	ppbv		ND	0.41	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.034	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Cbloroethane	ND	0.20	0.040	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	19.8	0.20	0.028	ppbv		96.7	0.98	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.047	ppbv		ND	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.13	0.040	0.022	ppbv		0.82	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	0.37	0.20	0.032	ppbv		1.5	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	0.31	0.20	0.044	ppbv		1.2	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.040	0.021	ppbv		ND	0.31	ug/m3
107-06-2	98.96	1,2-Dichloroethane	0.14	0.20	0.036	ppbv	J	0.57	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.81	0.20	0.024	ppbv		4.0	0.99	ug/m3
124-48-1	208.3	Dibromocbloromethane	ND	0.040	0.034	ppbv		ND	0.34	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	0.081	0.20	0.035	ppbv	J	0.32	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.084	0.20	0.028	ppbv	J	0.33	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.032	ppbv		ND	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.037	ppbv		ND	0.24	ug/m3
106-46-7	147	p-Dichlorobenzene	0.50	0.10	0.032	ppbv		3.0	0.60	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

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Report of Analysis

Client Sample ID:	P03SV-21		
Lab Sample ID:	JA27118-7	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A378	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

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	0.86	0.20	0.019	ppbv		3.7	0.87	ug/m3
141-78-6	88	Ethyl Acetate	1.4	0.20	0.051	ppbv		5.0	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.066	0.20	0.043	ppbv	J	0.32	0.98	ug/m3
76-13-1	187.4	Freon 113	4.6	0.040	0.022	ppbv		35	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	0.13	0.20	0.026	ppbv	J	0.53	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	0.11	0.20	0.019	ppbv	J	0.39	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	0.25	0.20	0.025	ppbv		0.87	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.23	0.20	0.039	ppbv		0.68	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.088	0.20	0.045	ppbv	J	0.36	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	2.4	0.50	0.061	ppbv		4.1	0.86	ug/m3
100-42-5	104.1	Styrene	0.082	0.20	0.018	ppbv	J	0.35	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	22.8	0.040	0.025	ppbv		124	0.22	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	0.32	0.040	0.021	ppbv		1.7	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	0.44	0.20	0.021	ppbv		2.2	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.097	0.20	0.026	ppbv	J	0.48	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	87.1 [a]	0.80	0.42	ppbv		591 [a]	5.4	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	1.8	0.20	0.018	ppbv		6.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	537 [a]	0.80	0.37	ppbv		2890 [a]	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	4.8	0.040	0.021	ppbv		27	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	2.2	0.20	0.045	ppbv		9.6	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.37	0.20	0.023	ppbv		1.6	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	2.6	0.20	0.023	ppbv		11	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%	81%	65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
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Report of Analysis

Client Sample ID:	P03SV-21		
Lab Sample ID:	JA27118-7	**Date Sampled:**	09/03/09
Matrix:	AIR - Air Summa ID: A378	**Date Received:**	09/03/09
Method:	TO-15	**Percent Solids:**	n/a
Project:	NWIRP, Steel Equities, Former Grumman Plant 3, Bethpage, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

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