

Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Laboratory Identifier: 1107290

Received: 7/20/2011 16:30

Sampled by: Kevin Cain

Client: POSILLICO DEVELOPMENT

1750 New Highway

Farmingdale,

NY 11735

Project: Harbor Isle

Island Park,

NY

Manager: Ellis Koch

Respectfully submitted,

Juan R.Cuba - Technical Director

NYS Lab ID # 10969

NJ Cert. # 73812

CT Cert. # PH0645

PA Cert. #002

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Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-1

Client Sample ID: SB-13B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 14:26

% Solid: 91.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3775-1127	117	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3775-1127	129	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3775-1127	102	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3775-1127	122	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3775-1127	120	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3775-1127	137	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3775-1127	126	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3775-1127	109	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3775-1127	84.3	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3775-1127	106	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3775-1127	106	3770	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3775-1127	91.1	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3775-1127	114	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3775-1127	102	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3775-1127	106	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3775-1127	109	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3775-1127	132	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3775-1127	121	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3775-1127	112	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3775-1127	105	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3775-1127	113	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3775-1127	106	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3775-1127	118	ND	ug/Kg	U
78-93-3	2-Butanone	A3775-1127	103	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3775-1127	193	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3775-1127	113	ND	ug/Kg	U
591-78-6	2-Hexanone	A3775-1127	83.0	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3775-1127	106	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3775-1127	110	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3775-1127	117	ND	ug/Kg	U
67-64-1	Acetone	A3775-1127	158	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3775-1127	514	ND	ug/Kg	U



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Type: Grab

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% Solid: 91.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3775-1127	120	ND	ug/Kg	U
108-86-1	Bromobenzene	A3775-1127	109	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3775-1127	124	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3775-1127	121	ND	ug/Kg	U
75-25-2	Bromoform	A3775-1127	110	ND	ug/Kg	U
74-83-9	Bromomethane	A3775-1127	139	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3775-1127	121	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3775-1127	118	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3775-1127	112	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3775-1127	122	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3775-1127	117	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3775-1127	126	ND	ug/Kg	U
75-00-3	Chloroethane	A3775-1127	196	ND	ug/Kg	U
67-66-3	Chloroform	A3775-1127	132	ND	ug/Kg	U
74-87-3	Chloromethane	A3775-1127	107	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3775-1127	113	ND	ug/Kg	U
74-95-3	Dibromomethane	A3775-1127	124	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3775-1127	109	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3775-1127	121	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3775-1127	107	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3775-1127	117	338	ug/Kg	J
108-38-3	m,p-xylene	A3775-1127	237	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3775-1127	120	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3775-1127	147	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3775-1127	113	1790	ug/Kg	
103-65-1	n-Propylbenzene	A3775-1127	110	801	ug/Kg	
91-20-3	Naphthalene	A3775-1127	83.0	ND	ug/Kg	U
95-47-6	o-xylene	A3775-1127	116	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3775-1127	105	1190	ug/Kg	
622-96-8	p-Ethyltoluene	A3775-1127	110	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3775-1127	106	1110	ug/Kg	
100-42-5	Styrene	A3775-1127	110	ND	ug/Kg	U



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Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3775-1127	129	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3775-1127	107	ND	ug/Kg	U
994-05-8	TAME	A3775-1127	117	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3775-1127	116	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3775-1127	1100	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3775-1127	114	ND	ug/Kg	U
108-88-3	Toluene	A3775-1127	147	ND	ug/Kg	U
79-01-6	Trichloroethene	A3775-1127	128	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3775-1127	136	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3775-1127	112	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3775-1127	104.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3775-1127	117.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3775-1127	103.0 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3775-1127	106.0 %	(74 - 136)	



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9/9/2011

Volatiles - EPA 8260B

Sample: **1107290-2**

Client Sample ID: SB-13C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Grab

Collected: 7/20/2011 14:31

% Solid: 86.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3767-966	125	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3767-966	138	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3767-966	109	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3767-966	130	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3767-966	128	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3767-966	146	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3767-966	135	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3767-966	116	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3767-966	89.9	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3767-966	113	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3767-966	113	8680	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3767-966	97.2	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3767-966	122	601	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	A3767-966	109	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3767-966	113	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3767-966	116	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3767-966	141	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3767-966	129	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3767-966	119	207	ug/Kg	J
541-73-1	1,3-Dichlorobenzene	A3767-966	112	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3767-966	120	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3767-966	113	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3767-966	126	ND	ug/Kg	U
78-93-3	2-Butanone	A3767-966	110	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3767-966	206	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3767-966	120	ND	ug/Kg	U
591-78-6	2-Hexanone	A3767-966	88.4	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3767-966	113	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3767-966	117	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3767-966	125	ND	ug/Kg	U
67-64-1	Acetone	A3767-966	168	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3767-966	548	ND	ug/Kg	U



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Volatiles - EPA 8260B

Sample: **1107290-2**

Client Sample ID: SB-13C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Grab

Collected: 7/20/2011 14:31

% Solid: 86.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3767-966	128	ND	ug/Kg	U
108-86-1	Bromobenzene	A3767-966	116	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3767-966	132	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3767-966	129	ND	ug/Kg	U
75-25-2	Bromoform	A3767-966	117	ND	ug/Kg	U
74-83-9	Bromomethane	A3767-966	148	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3767-966	129	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3767-966	126	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3767-966	119	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3767-966	130	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3767-966	125	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3767-966	135	ND	ug/Kg	U
75-00-3	Chloroethane	A3767-966	209	ND	ug/Kg	U
67-66-3	Chloroform	A3767-966	141	ND	ug/Kg	U
74-87-3	Chloromethane	A3767-966	115	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3767-966	120	ND	ug/Kg	U
74-95-3	Dibromomethane	A3767-966	132	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3767-966	116	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3767-966	129	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3767-966	115	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3767-966	125	1190	ug/Kg	
108-38-3	m,p-xylene	A3767-966	252	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3767-966	128	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3767-966	157	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3767-966	120	4490	ug/Kg	
103-65-1	n-Propylbenzene	A3767-966	117	2350	ug/Kg	
91-20-3	Naphthalene	A3767-966	88.4	ND	ug/Kg	U
95-47-6	o-xylene	A3767-966	123	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3767-966	112	3710	ug/Kg	
622-96-8	p-Ethyltoluene	A3767-966	117	382	ug/Kg	J
135-98-8	sec-Butylbenzene	A3767-966	113	2910	ug/Kg	
100-42-5	Styrene	A3767-966	117	ND	ug/Kg	U



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Client Sample ID: SB-13C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Grab

Collected: 7/20/2011 14:31

% Solid: 86.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3767-966	138	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3767-966	115	ND	ug/Kg	U
994-05-8	TAME	A3767-966	125	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3767-966	123	419	ug/Kg	J
75-65-0	Tertiary butyl alcohol	A3767-966	1170	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3767-966	122	ND	ug/Kg	U
108-88-3	Toluene	A3767-966	157	ND	ug/Kg	U
79-01-6	Trichloroethene	A3767-966	136	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3767-966	145	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3767-966	119	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3767-966	93.1 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3767-966	118.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3767-966	95.8 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3767-966	102.0 %	(74 - 136)	



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Volatiles - EPA 8260B

Sample: 1107290-3

Client Sample ID: SB-14B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Grab

Collected: 7/20/2011 14:54

% Solid: 90.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3767-967	119	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3767-967	131	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3767-967	104	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3767-967	124	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3767-967	121	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3767-967	139	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3767-967	128	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3767-967	110	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3767-967	85.6	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3767-967	108	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3767-967	108	6200	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3767-967	92.5	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3767-967	116	1400	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	A3767-967	104	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3767-967	108	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3767-967	110	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3767-967	134	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3767-967	123	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3767-967	113	146	ug/Kg	J
541-73-1	1,3-Dichlorobenzene	A3767-967	106	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3767-967	115	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3767-967	108	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3767-967	120	ND	ug/Kg	U
78-93-3	2-Butanone	A3767-967	105	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3767-967	196	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3767-967	115	ND	ug/Kg	U
591-78-6	2-Hexanone	A3767-967	84.2	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3767-967	108	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3767-967	112	1110	ug/Kg	
108-10-1	4-Methyl-2-pentanone	A3767-967	119	ND	ug/Kg	U
67-64-1	Acetone	A3767-967	160	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3767-967	522	ND	ug/Kg	U



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71-43-2	Benzene	A3767-967	121	ND	ug/Kg	U
108-86-1	Bromobenzene	A3767-967	110	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3767-967	126	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3767-967	123	ND	ug/Kg	U
75-25-2	Bromoform	A3767-967	112	ND	ug/Kg	U
74-83-9	Bromomethane	A3767-967	141	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3767-967	123	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3767-967	120	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3767-967	113	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3767-967	124	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3767-967	119	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3767-967	128	ND	ug/Kg	U
75-00-3	Chloroethane	A3767-967	199	ND	ug/Kg	U
67-66-3	Chloroform	A3767-967	134	ND	ug/Kg	U
74-87-3	Chloromethane	A3767-967	109	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3767-967	115	ND	ug/Kg	U
74-95-3	Dibromomethane	A3767-967	126	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3767-967	110	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3767-967	123	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3767-967	109	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3767-967	119	199	ug/Kg	J
108-38-3	m,p-xylene	A3767-967	240	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3767-967	121	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3767-967	149	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3767-967	115	1700	ug/Kg	
103-65-1	n-Propylbenzene	A3767-967	112	634	ug/Kg	J
91-20-3	Naphthalene	A3767-967	84.2	ND	ug/Kg	U
95-47-6	o-xylene	A3767-967	117	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3767-967	106	2130	ug/Kg	
622-96-8	p-Ethyltoluene	A3767-967	112	283	ug/Kg	J
135-98-8	sec-Butylbenzene	A3767-967	108	928	ug/Kg	
100-42-5	Styrene	A3767-967	112	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-3

Client Sample ID: SB-14B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Grab

Collected: 7/20/2011 14:54

% Solid: 90.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3767-967	131	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3767-967	109	ND	ug/Kg	U
994-05-8	TAME	A3767-967	119	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3767-967	117	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3767-967	1120	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3767-967	116	ND	ug/Kg	U
108-88-3	Toluene	A3767-967	149	ND	ug/Kg	U
79-01-6	Trichloroethene	A3767-967	130	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3767-967	138	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3767-967	113	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3767-967	94.8 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3767-967	115.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3767-967	96.2 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3767-967	102.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-4

Client Sample ID: SB-14C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3775-1128	0.66	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3775-1128	0.79	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3775-1128	1.03	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3775-1128	0.97	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3775-1128	0.66	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3775-1128	0.58	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3775-1128	0.76	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3775-1128	1.26	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3775-1128	0.92	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3775-1128	1.63	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3775-1128	0.95	8.87	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3775-1128	0.79	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3775-1128	0.79	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3775-1128	2.13	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3775-1128	0.76	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3775-1128	0.84	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3775-1128	0.92	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3775-1128	1.00	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3775-1128	0.89	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3775-1128	0.71	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3775-1128	0.55	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3775-1128	0.55	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3775-1128	0.97	ND	ug/Kg	U
78-93-3	2-Butanone	A3775-1128	5.52	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3775-1128	4.29	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3775-1128	0.71	ND	ug/Kg	U
591-78-6	2-Hexanone	A3775-1128	2.31	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3775-1128	0.79	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3775-1128	0.60	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3775-1128	3.50	ND	ug/Kg	U
67-64-1	Acetone	A3775-1128	6.47	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3775-1128	16.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-4

Client Sample ID: SB-14C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3775-1128	0.82	ND	ug/Kg	U
108-86-1	Bromobenzene	A3775-1128	0.82	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3775-1128	1.08	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3775-1128	0.79	ND	ug/Kg	U
75-25-2	Bromoform	A3775-1128	0.87	ND	ug/Kg	U
74-83-9	Bromomethane	A3775-1128	1.29	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3775-1128	1.03	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3775-1128	0.82	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3775-1128	0.76	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3775-1128	1.00	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3775-1128	0.68	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3775-1128	0.76	ND	ug/Kg	U
75-00-3	Chloroethane	A3775-1128	1.13	ND	ug/Kg	U
67-66-3	Chloroform	A3775-1128	0.63	ND	ug/Kg	U
74-87-3	Chloromethane	A3775-1128	1.03	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3775-1128	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	A3775-1128	0.68	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3775-1128	1.03	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3775-1128	1.03	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3775-1128	0.89	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3775-1128	0.66	ND	ug/Kg	U
108-38-3	m,p-xylene	A3775-1128	1.66	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3775-1128	0.82	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3775-1128	0.53	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3775-1128	0.71	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3775-1128	0.92	ND	ug/Kg	U
91-20-3	Naphthalene	A3775-1128	1.39	ND	ug/Kg	U
95-47-6	o-xylene	A3775-1128	0.89	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3775-1128	0.71	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3775-1128	0.82	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3775-1128	0.74	ND	ug/Kg	U
100-42-5	Styrene	A3775-1128	0.47	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-4

Client Sample ID: SB-14C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3775-1128	0.89	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3775-1128	0.87	ND	ug/Kg	U
994-05-8	TAME	A3775-1128	0.63	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3775-1128	0.68	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3775-1128	19.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3775-1128	0.76	ND	ug/Kg	U
108-88-3	Toluene	A3775-1128	0.87	ND	ug/Kg	U
79-01-6	Trichloroethene	A3775-1128	0.79	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3775-1128	0.76	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3775-1128	0.63	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3775-1128	105.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3775-1128	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3775-1128	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3775-1128	105.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3775-1129	0.68	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3775-1129	0.81	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3775-1129	1.06	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3775-1129	1.00	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3775-1129	0.68	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3775-1129	0.60	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3775-1129	0.79	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3775-1129	1.30	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3775-1129	0.95	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3775-1129	1.68	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3775-1129	0.98	2.57	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3775-1129	0.81	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3775-1129	0.81	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3775-1129	2.20	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3775-1129	0.79	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3775-1129	0.87	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3775-1129	0.95	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3775-1129	1.03	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3775-1129	0.92	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3775-1129	0.73	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3775-1129	0.57	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3775-1129	0.57	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3775-1129	1.00	ND	ug/Kg	U
78-93-3	2-Butanone	A3775-1129	5.69	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3775-1129	4.42	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3775-1129	0.73	ND	ug/Kg	U
591-78-6	2-Hexanone	A3775-1129	2.38	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3775-1129	0.81	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3775-1129	0.62	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3775-1129	3.60	ND	ug/Kg	U
67-64-1	Acetone	A3775-1129	6.67	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3775-1129	16.7	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3775-1129	0.84	ND	ug/Kg	U
108-86-1	Bromobenzene	A3775-1129	0.84	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3775-1129	1.11	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3775-1129	0.81	ND	ug/Kg	U
75-25-2	Bromoform	A3775-1129	0.89	ND	ug/Kg	U
74-83-9	Bromomethane	A3775-1129	1.33	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3775-1129	1.06	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3775-1129	0.84	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3775-1129	0.79	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3775-1129	1.03	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3775-1129	0.70	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3775-1129	0.79	ND	ug/Kg	U
75-00-3	Chloroethane	A3775-1129	1.17	ND	ug/Kg	U
67-66-3	Chloroform	A3775-1129	0.65	ND	ug/Kg	U
74-87-3	Chloromethane	A3775-1129	1.06	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3775-1129	0.54	ND	ug/Kg	U
74-95-3	Dibromomethane	A3775-1129	0.70	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3775-1129	1.06	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3775-1129	1.06	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3775-1129	0.92	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3775-1129	0.68	ND	ug/Kg	U
108-38-3	m,p-xylene	A3775-1129	1.71	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3775-1129	0.84	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3775-1129	0.54	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3775-1129	0.73	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3775-1129	0.95	ND	ug/Kg	U
91-20-3	Naphthalene	A3775-1129	1.44	ND	ug/Kg	U
95-47-6	o-xylene	A3775-1129	0.92	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3775-1129	0.73	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3775-1129	0.84	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3775-1129	0.76	ND	ug/Kg	U
100-42-5	Styrene	A3775-1129	0.49	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3775-1129	0.92	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3775-1129	0.89	ND	ug/Kg	U
994-05-8	TAME	A3775-1129	0.65	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3775-1129	0.70	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3775-1129	19.7	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3775-1129	0.79	ND	ug/Kg	U
108-88-3	Toluene	A3775-1129	0.89	ND	ug/Kg	U
79-01-6	Trichloroethene	A3775-1129	0.81	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3775-1129	0.79	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3775-1129	0.65	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3775-1129	105.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3775-1129	106.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3775-1129	102.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3775-1129	106.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-9

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Trip Blank

Collected: 7/20/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3959-1184	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3959-1184	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3959-1184	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3959-1184	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3959-1184	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3959-1184	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3959-1184	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3959-1184	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3959-1184	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3959-1184	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3959-1184	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3959-1184	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3959-1184	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3959-1184	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3959-1184	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3959-1184	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3959-1184	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3959-1184	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3959-1184	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3959-1184	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3959-1184	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3959-1184	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3959-1184	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3959-1184	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3959-1184	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3959-1184	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3959-1184	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3959-1184	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3959-1184	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3959-1184	1.82	ND	ug/L	U
67-64-1	Acetone	C3959-1184	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3959-1184	7.65	ND	ug/L	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-9

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Trip Blank

Collected: 7/20/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3959-1184	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3959-1184	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3959-1184	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3959-1184	0.50	ND	ug/L	U
75-25-2	Bromoform	C3959-1184	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3959-1184	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3959-1184	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3959-1184	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3959-1184	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3959-1184	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3959-1184	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3959-1184	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3959-1184	0.94	ND	ug/L	U
67-66-3	Chloroform	C3959-1184	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3959-1184	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3959-1184	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3959-1184	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3959-1184	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3959-1184	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3959-1184	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3959-1184	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3959-1184	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3959-1184	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3959-1184	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3959-1184	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3959-1184	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3959-1184	0.33	ND	ug/L	U
95-47-6	o-xylene	C3959-1184	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3959-1184	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3959-1184	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3959-1184	0.36	ND	ug/L	U
100-42-5	Styrene	C3959-1184	0.39	ND	ug/L	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-9

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Trip Blank

Collected: 7/20/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3959-1184	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3959-1184	0.37	ND	ug/L	U
994-05-8	TAME	C3959-1184	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3959-1184	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3959-1184	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3959-1184	0.59	ND	ug/L	U
108-88-3	Toluene	C3959-1184	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3959-1184	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3959-1184	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3959-1184	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3959-1184	94.9 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3959-1184	101.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3959-1184	97.6 %	(80 - 117)	
2037-26-5	TOLUENE-D8	C3959-1184	102.0 %	(92 - 111)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-10

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Field Blank

Collected: 7/20/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3959-1185	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3959-1185	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3959-1185	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3959-1185	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3959-1185	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3959-1185	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3959-1185	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3959-1185	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3959-1185	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3959-1185	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3959-1185	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3959-1185	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3959-1185	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3959-1185	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3959-1185	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3959-1185	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3959-1185	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3959-1185	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3959-1185	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3959-1185	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3959-1185	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3959-1185	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3959-1185	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3959-1185	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3959-1185	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3959-1185	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3959-1185	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3959-1185	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3959-1185	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3959-1185	1.82	ND	ug/L	U
67-64-1	Acetone	C3959-1185	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3959-1185	7.65	ND	ug/L	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-10

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Field Blank

Collected: 7/20/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3959-1185	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3959-1185	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3959-1185	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3959-1185	0.50	ND	ug/L	U
75-25-2	Bromoform	C3959-1185	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3959-1185	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3959-1185	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3959-1185	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3959-1185	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3959-1185	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3959-1185	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3959-1185	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3959-1185	0.94	ND	ug/L	U
67-66-3	Chloroform	C3959-1185	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3959-1185	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3959-1185	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3959-1185	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3959-1185	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3959-1185	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3959-1185	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3959-1185	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3959-1185	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3959-1185	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3959-1185	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3959-1185	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3959-1185	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3959-1185	0.33	ND	ug/L	U
95-47-6	o-xylene	C3959-1185	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3959-1185	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3959-1185	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3959-1185	0.36	ND	ug/L	U
100-42-5	Styrene	C3959-1185	0.39	ND	ug/L	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-10

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/22/2011

Type: Field Blank

Collected: 7/20/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3959-1185	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3959-1185	0.37	ND	ug/L	U
994-05-8	TAME	C3959-1185	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3959-1185	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3959-1185	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3959-1185	0.59	ND	ug/L	U
108-88-3	Toluene	C3959-1185	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3959-1185	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3959-1185	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3959-1185	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3959-1185	94.1 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3959-1185	104.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3959-1185	96.5 %	(80 - 117)	
2037-26-5	TOLUENE-D8	C3959-1185	105.0 %	(92 - 111)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-11

Client Sample ID: SB-1B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 08:10

% Solid: 83.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3771-1040	0.68	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3771-1040	0.81	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3771-1040	1.05	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3771-1040	1.00	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3771-1040	0.68	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3771-1040	0.59	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3771-1040	0.78	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3771-1040	1.30	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3771-1040	0.94	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3771-1040	1.67	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3771-1040	0.97	7.96	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3771-1040	0.81	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3771-1040	0.81	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3771-1040	2.19	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3771-1040	0.78	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3771-1040	0.86	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3771-1040	0.94	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3771-1040	1.03	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3771-1040	0.92	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3771-1040	0.73	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3771-1040	0.57	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3771-1040	0.57	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3771-1040	1.00	ND	ug/Kg	U
78-93-3	2-Butanone	A3771-1040	5.67	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3771-1040	4.40	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3771-1040	0.73	ND	ug/Kg	U
591-78-6	2-Hexanone	A3771-1040	2.38	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3771-1040	0.81	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3771-1040	0.62	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3771-1040	3.59	ND	ug/Kg	U
67-64-1	Acetone	A3771-1040	6.64	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3771-1040	16.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-11

Client Sample ID: SB-1B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 08:10

% Solid: 83.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3771-1040	0.84	ND	ug/Kg	U
108-86-1	Bromobenzene	A3771-1040	0.84	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3771-1040	1.11	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3771-1040	0.81	ND	ug/Kg	U
75-25-2	Bromoform	A3771-1040	0.89	ND	ug/Kg	U
74-83-9	Bromomethane	A3771-1040	1.32	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3771-1040	1.05	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3771-1040	0.84	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3771-1040	0.78	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3771-1040	1.03	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3771-1040	0.70	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3771-1040	0.78	ND	ug/Kg	U
75-00-3	Chloroethane	A3771-1040	1.16	ND	ug/Kg	U
67-66-3	Chloroform	A3771-1040	0.65	ND	ug/Kg	U
74-87-3	Chloromethane	A3771-1040	1.05	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3771-1040	0.54	ND	ug/Kg	U
74-95-3	Dibromomethane	A3771-1040	0.70	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3771-1040	1.05	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3771-1040	1.05	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3771-1040	0.92	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3771-1040	0.68	ND	ug/Kg	U
108-38-3	m,p-xylene	A3771-1040	1.70	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3771-1040	0.84	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3771-1040	0.54	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3771-1040	0.73	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3771-1040	0.94	ND	ug/Kg	U
91-20-3	Naphthalene	A3771-1040	1.43	ND	ug/Kg	U
95-47-6	o-xylene	A3771-1040	0.92	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3771-1040	0.73	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3771-1040	0.84	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3771-1040	0.76	ND	ug/Kg	U
100-42-5	Styrene	A3771-1040	0.49	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-11

Client Sample ID: SB-1B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 08:10

% Solid: 83.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3771-1040	0.92	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3771-1040	0.89	ND	ug/Kg	U
994-05-8	TAME	A3771-1040	0.65	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3771-1040	0.70	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3771-1040	19.7	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3771-1040	0.78	ND	ug/Kg	U
108-88-3	Toluene	A3771-1040	0.89	ND	ug/Kg	U
79-01-6	Trichloroethene	A3771-1040	0.81	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3771-1040	0.78	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3771-1040	0.65	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3771-1040	95.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3771-1040	96.2 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3771-1040	97.4 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3771-1040	102.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-12

Client Sample ID: SB-1C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3775-1130	0.73	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3775-1130	0.87	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3775-1130	1.13	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3775-1130	1.07	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3775-1130	0.73	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3775-1130	0.64	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3775-1130	0.84	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3775-1130	1.39	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3775-1130	1.01	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3775-1130	1.80	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3775-1130	1.04	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3775-1130	0.87	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3775-1130	0.87	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3775-1130	2.35	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3775-1130	0.84	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3775-1130	0.93	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3775-1130	1.01	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3775-1130	1.10	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3775-1130	0.99	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3775-1130	0.78	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3775-1130	0.61	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3775-1130	0.61	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3775-1130	1.07	ND	ug/Kg	U
78-93-3	2-Butanone	A3775-1130	6.09	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3775-1130	4.73	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3775-1130	0.78	ND	ug/Kg	U
591-78-6	2-Hexanone	A3775-1130	2.55	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3775-1130	0.87	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3775-1130	0.67	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3775-1130	3.86	ND	ug/Kg	U
67-64-1	Acetone	A3775-1130	7.13	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3775-1130	17.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-12

Client Sample ID: SB-1C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3775-1130	0.90	ND	ug/Kg	U
108-86-1	Bromobenzene	A3775-1130	0.90	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3775-1130	1.19	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3775-1130	0.87	ND	ug/Kg	U
75-25-2	Bromoform	A3775-1130	0.96	ND	ug/Kg	U
74-83-9	Bromomethane	A3775-1130	1.42	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3775-1130	1.13	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3775-1130	0.90	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3775-1130	0.84	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3775-1130	1.10	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3775-1130	0.75	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3775-1130	0.84	ND	ug/Kg	U
75-00-3	Chloroethane	A3775-1130	1.25	ND	ug/Kg	U
67-66-3	Chloroform	A3775-1130	0.70	ND	ug/Kg	U
74-87-3	Chloromethane	A3775-1130	1.13	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3775-1130	0.58	ND	ug/Kg	U
74-95-3	Dibromomethane	A3775-1130	0.75	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3775-1130	1.13	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3775-1130	1.13	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3775-1130	0.99	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3775-1130	0.73	ND	ug/Kg	U
108-38-3	m,p-xylene	A3775-1130	1.83	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3775-1130	0.90	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3775-1130	0.58	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3775-1130	0.78	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3775-1130	1.01	ND	ug/Kg	U
91-20-3	Naphthalene	A3775-1130	1.54	ND	ug/Kg	U
95-47-6	o-xylene	A3775-1130	0.99	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3775-1130	0.78	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3775-1130	0.90	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3775-1130	0.81	ND	ug/Kg	U
100-42-5	Styrene	A3775-1130	0.52	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-12

Client Sample ID: SB-1C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3775-1130	0.99	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3775-1130	0.96	ND	ug/Kg	U
994-05-8	TAME	A3775-1130	0.70	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3775-1130	0.75	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3775-1130	21.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3775-1130	0.84	ND	ug/Kg	U
108-88-3	Toluene	A3775-1130	0.96	ND	ug/Kg	U
79-01-6	Trichloroethene	A3775-1130	0.87	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3775-1130	0.84	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3775-1130	0.70	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3775-1130	103.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3775-1130	103.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3775-1130	99.8 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3775-1130	106.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-13

Client Sample ID: SB-2B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1104	0.67	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1104	0.80	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1104	1.04	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1104	0.99	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1104	0.67	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1104	0.59	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1104	0.77	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1104	1.28	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1104	0.93	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1104	1.66	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1104	0.96	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3774-1104	0.80	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1104	0.80	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1104	2.16	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1104	0.77	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1104	0.85	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1104	0.93	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1104	1.01	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1104	0.91	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1104	0.72	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1104	0.56	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1104	0.56	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1104	0.99	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1104	5.61	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1104	4.35	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1104	0.72	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1104	2.35	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1104	0.80	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1104	0.61	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1104	3.55	ND	ug/Kg	U
67-64-1	Acetone	A3774-1104	6.57	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1104	16.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-13

Client Sample ID: SB-2B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1104	0.83	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1104	0.83	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1104	1.09	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1104	0.80	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1104	0.88	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1104	1.31	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1104	1.04	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1104	0.83	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1104	0.77	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1104	1.01	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1104	0.69	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1104	0.77	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1104	1.15	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1104	0.64	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1104	1.04	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1104	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1104	0.69	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1104	1.04	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1104	1.04	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1104	0.91	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1104	0.67	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1104	1.68	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1104	0.83	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1104	0.53	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1104	0.72	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1104	0.93	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1104	1.42	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1104	0.91	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1104	0.72	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1104	0.83	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1104	0.75	ND	ug/Kg	U
100-42-5	Styrene	A3774-1104	0.48	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-13

Client Sample ID: SB-2B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1104	0.91	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1104	0.88	ND	ug/Kg	U
994-05-8	TAME	A3774-1104	0.64	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1104	0.69	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1104	19.4	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1104	0.77	ND	ug/Kg	U
108-88-3	Toluene	A3774-1104	0.88	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1104	0.80	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1104	0.77	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1104	0.64	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1104	108.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1104	106.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1104	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1104	105.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-14

Client Sample ID: SB-2C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:35

% Solid: 87.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1105	0.64	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1105	0.77	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1105	1.00	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1105	0.95	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1105	0.64	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1105	0.57	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1105	0.75	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1105	1.23	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1105	0.90	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1105	1.59	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1105	0.93	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3774-1105	0.77	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1105	0.77	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1105	2.08	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1105	0.75	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1105	0.82	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1105	0.90	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1105	0.98	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1105	0.87	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1105	0.69	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1105	0.54	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1105	0.54	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1105	0.95	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1105	5.40	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1105	4.19	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1105	0.69	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1105	2.26	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1105	0.77	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1105	0.59	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1105	3.42	ND	ug/Kg	U
67-64-1	Acetone	A3774-1105	6.32	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1105	15.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-14

Client Sample ID: SB-2C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:35

% Solid: 87.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1105	0.80	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1105	0.80	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1105	1.05	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1105	0.77	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1105	0.85	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1105	1.26	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1105	1.00	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1105	0.80	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1105	0.75	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1105	0.98	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1105	0.67	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1105	0.75	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1105	1.11	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1105	0.62	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1105	1.00	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1105	0.51	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1105	0.67	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1105	1.00	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1105	1.00	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1105	0.87	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1105	0.64	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1105	1.62	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1105	0.80	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1105	0.51	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1105	0.69	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1105	0.90	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1105	1.36	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1105	0.87	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1105	0.69	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1105	0.80	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1105	0.72	ND	ug/Kg	U
100-42-5	Styrene	A3774-1105	0.46	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-14

Client Sample ID: SB-2C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:35

% Solid: 87.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1105	0.87	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1105	0.85	ND	ug/Kg	U
994-05-8	TAME	A3774-1105	0.62	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1105	0.67	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1105	18.7	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1105	0.75	ND	ug/Kg	U
108-88-3	Toluene	A3774-1105	0.85	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1105	0.77	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1105	0.75	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1105	0.62	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1105	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1105	106.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1105	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1105	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-15

Client Sample ID: SB-3B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1106	0.63	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1106	0.76	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1106	0.99	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1106	0.94	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1106	0.63	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1106	0.56	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1106	0.73	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1106	1.21	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1106	0.89	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1106	1.57	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1106	0.91	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3774-1106	0.76	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1106	0.76	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1106	2.05	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1106	0.73	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1106	0.81	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1106	0.89	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1106	0.96	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1106	0.86	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1106	0.68	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1106	0.53	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1106	0.53	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1106	0.94	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1106	5.31	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1106	4.12	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1106	0.68	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1106	2.23	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1106	0.76	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1106	0.58	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1106	3.36	ND	ug/Kg	U
67-64-1	Acetone	A3774-1106	6.22	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1106	15.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-15

Client Sample ID: SB-3B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1106	0.78	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1106	0.78	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1106	1.04	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1106	0.76	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1106	0.83	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1106	1.24	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1106	0.99	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1106	0.78	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1106	0.73	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1106	0.96	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1106	0.66	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1106	0.73	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1106	1.09	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1106	0.61	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1106	0.99	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1106	0.51	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1106	0.66	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1106	0.99	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1106	0.99	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1106	0.86	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1106	0.63	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1106	1.59	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1106	0.78	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1106	0.51	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1106	0.68	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1106	0.89	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1106	1.34	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1106	0.86	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1106	0.68	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1106	0.78	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1106	0.71	ND	ug/Kg	U
100-42-5	Styrene	A3774-1106	0.46	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-15

Client Sample ID: SB-3B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1106	0.86	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1106	0.83	ND	ug/Kg	U
994-05-8	TAME	A3774-1106	0.61	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1106	0.66	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1106	18.4	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1106	0.73	ND	ug/Kg	U
108-88-3	Toluene	A3774-1106	0.83	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1106	0.76	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1106	0.73	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1106	0.61	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1106	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1106	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1106	102.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1106	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3775-1131	0.66	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3775-1131	0.80	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3775-1131	1.03	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3775-1131	0.98	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3775-1131	0.66	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3775-1131	0.58	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3775-1131	0.77	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3775-1131	1.27	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3775-1131	0.93	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3775-1131	1.64	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3775-1131	0.95	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3775-1131	0.80	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3775-1131	0.80	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3775-1131	2.15	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3775-1131	0.77	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3775-1131	0.85	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3775-1131	0.93	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3775-1131	1.01	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3775-1131	0.90	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3775-1131	0.72	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3775-1131	0.56	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3775-1131	0.56	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3775-1131	0.98	ND	ug/Kg	U
78-93-3	2-Butanone	A3775-1131	5.57	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3775-1131	4.32	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3775-1131	0.72	ND	ug/Kg	U
591-78-6	2-Hexanone	A3775-1131	2.33	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3775-1131	0.80	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3775-1131	0.61	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3775-1131	3.52	ND	ug/Kg	U
67-64-1	Acetone	A3775-1131	6.52	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3775-1131	16.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3775-1131	0.82	ND	ug/Kg	U
108-86-1	Bromobenzene	A3775-1131	0.82	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3775-1131	1.09	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3775-1131	0.80	ND	ug/Kg	U
75-25-2	Bromoform	A3775-1131	0.87	ND	ug/Kg	U
74-83-9	Bromomethane	A3775-1131	1.30	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3775-1131	1.03	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3775-1131	0.82	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3775-1131	0.77	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3775-1131	1.01	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3775-1131	0.69	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3775-1131	0.77	ND	ug/Kg	U
75-00-3	Chloroethane	A3775-1131	1.14	ND	ug/Kg	U
67-66-3	Chloroform	A3775-1131	0.64	ND	ug/Kg	U
74-87-3	Chloromethane	A3775-1131	1.03	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3775-1131	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	A3775-1131	0.69	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3775-1131	1.03	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3775-1131	1.03	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3775-1131	0.90	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3775-1131	0.66	ND	ug/Kg	U
108-38-3	m,p-xylene	A3775-1131	1.67	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3775-1131	0.82	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3775-1131	0.53	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3775-1131	0.72	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3775-1131	0.93	ND	ug/Kg	U
91-20-3	Naphthalene	A3775-1131	1.40	ND	ug/Kg	U
95-47-6	o-xylene	A3775-1131	0.90	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3775-1131	0.72	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3775-1131	0.82	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3775-1131	0.74	ND	ug/Kg	U
100-42-5	Styrene	A3775-1131	0.48	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3775-1131	0.90	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3775-1131	0.87	ND	ug/Kg	U
994-05-8	TAME	A3775-1131	0.64	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3775-1131	0.69	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3775-1131	19.3	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3775-1131	0.77	ND	ug/Kg	U
108-88-3	Toluene	A3775-1131	0.87	ND	ug/Kg	U
79-01-6	Trichloroethene	A3775-1131	0.80	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3775-1131	0.77	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3775-1131	0.64	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3775-1131	104.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3775-1131	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3775-1131	102.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3775-1131	105.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-17

Client Sample ID: SB-4B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1107	0.66	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1107	0.79	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1107	1.03	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1107	0.97	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1107	0.66	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1107	0.58	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1107	0.76	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1107	1.26	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1107	0.92	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1107	1.63	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1107	0.95	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3774-1107	0.79	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1107	0.79	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1107	2.13	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1107	0.76	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1107	0.84	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1107	0.92	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1107	1.00	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1107	0.89	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1107	0.71	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1107	0.55	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1107	0.55	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1107	0.97	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1107	5.52	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1107	4.29	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1107	0.71	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1107	2.31	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1107	0.79	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1107	0.60	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1107	3.50	ND	ug/Kg	U
67-64-1	Acetone	A3774-1107	6.47	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1107	16.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-17

Client Sample ID: SB-4B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1107	0.82	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1107	0.82	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1107	1.08	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1107	0.79	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1107	0.87	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1107	1.29	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1107	1.03	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1107	0.82	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1107	0.76	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1107	1.00	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1107	0.68	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1107	0.76	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1107	1.13	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1107	0.63	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1107	1.03	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1107	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1107	0.68	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1107	1.03	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1107	1.03	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1107	0.89	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1107	0.66	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1107	1.66	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1107	0.82	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1107	0.53	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1107	0.71	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1107	0.92	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1107	1.39	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1107	0.89	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1107	0.71	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1107	0.82	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1107	0.74	ND	ug/Kg	U
100-42-5	Styrene	A3774-1107	0.47	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-17

Client Sample ID: SB-4B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1107	0.89	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1107	0.87	ND	ug/Kg	U
994-05-8	TAME	A3774-1107	0.63	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1107	0.68	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1107	19.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1107	0.76	ND	ug/Kg	U
108-88-3	Toluene	A3774-1107	0.87	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1107	0.79	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1107	0.76	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1107	0.63	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1107	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1107	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1107	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1107	106.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-18

Client Sample ID: SB-4C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1108	0.69	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1108	0.83	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1108	1.08	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1108	1.02	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1108	0.69	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1108	0.61	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1108	0.80	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1108	1.32	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1108	0.97	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1108	1.71	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1108	0.99	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3774-1108	0.83	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1108	0.83	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1108	2.24	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1108	0.80	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1108	0.88	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1108	0.97	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1108	1.05	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1108	0.94	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1108	0.75	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1108	0.58	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1108	0.58	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1108	1.02	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1108	5.80	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1108	4.50	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1108	0.75	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1108	2.43	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1108	0.83	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1108	0.63	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1108	3.67	ND	ug/Kg	U
67-64-1	Acetone	A3774-1108	6.79	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1108	17.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-18

Client Sample ID: SB-4C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1108	0.86	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1108	0.86	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1108	1.13	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1108	0.83	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1108	0.91	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1108	1.35	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1108	1.08	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1108	0.86	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1108	0.80	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1108	1.05	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1108	0.72	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1108	0.80	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1108	1.19	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1108	0.66	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1108	1.08	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1108	0.55	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1108	0.72	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1108	1.08	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1108	1.08	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1108	0.94	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1108	0.69	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1108	1.74	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1108	0.86	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1108	0.55	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1108	0.75	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1108	0.97	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1108	1.46	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1108	0.94	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1108	0.75	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1108	0.86	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1108	0.77	ND	ug/Kg	U
100-42-5	Styrene	A3774-1108	0.50	ND	ug/Kg	U



Environmental Quality Services, Inc.

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9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-18

Client Sample ID: SB-4C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1108	0.94	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1108	0.91	ND	ug/Kg	U
994-05-8	TAME	A3774-1108	0.66	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1108	0.72	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1108	20.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1108	0.80	ND	ug/Kg	U
108-88-3	Toluene	A3774-1108	0.91	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1108	0.83	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1108	0.80	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1108	0.66	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1108	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1108	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1108	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1108	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

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9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-19

Client Sample ID: SB-5B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1109	0.63	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1109	0.75	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1109	0.98	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1109	0.93	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1109	0.63	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1109	0.55	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1109	0.73	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1109	1.20	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1109	0.88	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1109	1.55	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1109	0.90	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3774-1109	0.75	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1109	0.75	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1109	2.03	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1109	0.73	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1109	0.80	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1109	0.88	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1109	0.95	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1109	0.85	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1109	0.68	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1109	0.52	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1109	0.52	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1109	0.93	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1109	5.25	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1109	4.07	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1109	0.68	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1109	2.20	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1109	0.75	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1109	0.57	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1109	3.33	ND	ug/Kg	U
67-64-1	Acetone	A3774-1109	6.15	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1109	15.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-19

Client Sample ID: SB-5B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1109	0.77	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1109	0.77	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1109	1.02	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1109	0.75	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1109	0.82	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1109	1.23	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1109	0.98	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1109	0.77	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1109	0.73	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1109	0.95	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1109	0.65	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1109	0.73	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1109	1.08	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1109	0.60	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1109	0.98	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1109	0.50	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1109	0.65	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1109	0.98	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1109	0.98	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1109	0.85	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1109	0.63	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1109	1.58	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1109	0.77	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1109	0.50	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1109	0.68	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1109	0.88	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1109	1.33	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1109	0.85	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1109	0.68	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1109	0.77	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1109	0.70	ND	ug/Kg	U
100-42-5	Styrene	A3774-1109	0.45	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-19

Client Sample ID: SB-5B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1109	0.85	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1109	0.82	ND	ug/Kg	U
994-05-8	TAME	A3774-1109	0.60	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1109	0.65	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1109	18.2	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1109	0.73	ND	ug/Kg	U
108-88-3	Toluene	A3774-1109	0.82	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1109	0.75	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1109	0.73	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1109	0.60	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1109	105.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1109	106.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1109	101.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1109	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-20

Client Sample ID: SB-5C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/25/2011

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3770-1028	126	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3770-1028	140	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3770-1028	110	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3770-1028	132	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3770-1028	129	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3770-1028	148	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3770-1028	137	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3770-1028	118	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3770-1028	91.1	272	ug/Kg	J
96-18-4	1,2,3-Trichloropropane	A3770-1028	115	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3770-1028	115	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3770-1028	98.5	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3770-1028	123	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3770-1028	110	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3770-1028	115	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3770-1028	118	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3770-1028	143	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3770-1028	131	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3770-1028	121	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3770-1028	113	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3770-1028	122	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3770-1028	115	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3770-1028	128	ND	ug/Kg	U
78-93-3	2-Butanone	A3770-1028	112	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3770-1028	209	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3770-1028	122	ND	ug/Kg	U
591-78-6	2-Hexanone	A3770-1028	89.7	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3770-1028	115	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3770-1028	119	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3770-1028	126	ND	ug/Kg	U
67-64-1	Acetone	A3770-1028	171	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3770-1028	556	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-20

Client Sample ID: SB-5C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/25/2011

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3770-1028	129	ND	ug/Kg	U
108-86-1	Bromobenzene	A3770-1028	118	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3770-1028	134	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3770-1028	131	ND	ug/Kg	U
75-25-2	Bromoform	A3770-1028	119	ND	ug/Kg	U
74-83-9	Bromomethane	A3770-1028	150	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3770-1028	131	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3770-1028	128	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3770-1028	121	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3770-1028	132	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3770-1028	126	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3770-1028	137	ND	ug/Kg	U
75-00-3	Chloroethane	A3770-1028	212	ND	ug/Kg	U
67-66-3	Chloroform	A3770-1028	143	ND	ug/Kg	U
74-87-3	Chloromethane	A3770-1028	116	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3770-1028	122	ND	ug/Kg	U
74-95-3	Dibromomethane	A3770-1028	134	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3770-1028	118	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3770-1028	131	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3770-1028	116	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3770-1028	126	ND	ug/Kg	U
108-38-3	m,p-xylene	A3770-1028	256	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3770-1028	129	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3770-1028	159	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3770-1028	122	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3770-1028	119	ND	ug/Kg	U
91-20-3	Naphthalene	A3770-1028	89.7	ND	ug/Kg	U
95-47-6	o-xylene	A3770-1028	125	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3770-1028	113	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3770-1028	119	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3770-1028	115	ND	ug/Kg	U
100-42-5	Styrene	A3770-1028	119	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-20

Client Sample ID: SB-5C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/25/2011

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3770-1028	140	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3770-1028	116	ND	ug/Kg	U
994-05-8	TAME	A3770-1028	126	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3770-1028	125	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3770-1028	1190	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3770-1028	123	ND	ug/Kg	U
108-88-3	Toluene	A3770-1028	159	ND	ug/Kg	U
79-01-6	Trichloroethene	A3770-1028	138	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3770-1028	147	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3770-1028	121	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3770-1028	93.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3770-1028	108.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3770-1028	97.5 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3770-1028	101.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3771-1041	0.73	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3771-1041	0.87	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3771-1041	1.13	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3771-1041	1.07	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3771-1041	0.73	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3771-1041	0.64	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3771-1041	0.84	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3771-1041	1.39	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3771-1041	1.01	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3771-1041	1.80	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3771-1041	1.04	3.91	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3771-1041	0.87	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3771-1041	0.87	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3771-1041	2.35	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3771-1041	0.84	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3771-1041	0.93	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3771-1041	1.01	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3771-1041	1.10	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3771-1041	0.99	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3771-1041	0.78	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3771-1041	0.61	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3771-1041	0.61	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3771-1041	1.07	ND	ug/Kg	U
78-93-3	2-Butanone	A3771-1041	6.09	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3771-1041	4.73	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3771-1041	0.78	ND	ug/Kg	U
591-78-6	2-Hexanone	A3771-1041	2.55	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3771-1041	0.87	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3771-1041	0.67	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3771-1041	3.86	ND	ug/Kg	U
67-64-1	Acetone	A3771-1041	7.13	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3771-1041	17.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3771-1041	0.90	ND	ug/Kg	U
108-86-1	Bromobenzene	A3771-1041	0.90	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3771-1041	1.19	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3771-1041	0.87	ND	ug/Kg	U
75-25-2	Bromoform	A3771-1041	0.96	ND	ug/Kg	U
74-83-9	Bromomethane	A3771-1041	1.42	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3771-1041	1.13	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3771-1041	0.90	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3771-1041	0.84	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3771-1041	1.10	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3771-1041	0.75	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3771-1041	0.84	ND	ug/Kg	U
75-00-3	Chloroethane	A3771-1041	1.25	ND	ug/Kg	U
67-66-3	Chloroform	A3771-1041	0.70	ND	ug/Kg	U
74-87-3	Chloromethane	A3771-1041	1.13	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3771-1041	0.58	ND	ug/Kg	U
74-95-3	Dibromomethane	A3771-1041	0.75	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3771-1041	1.13	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3771-1041	1.13	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3771-1041	0.99	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3771-1041	0.73	ND	ug/Kg	U
108-38-3	m,p-xylene	A3771-1041	1.83	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3771-1041	0.90	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3771-1041	0.58	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3771-1041	0.78	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3771-1041	1.01	ND	ug/Kg	U
91-20-3	Naphthalene	A3771-1041	1.54	ND	ug/Kg	U
95-47-6	o-xylene	A3771-1041	0.99	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3771-1041	0.78	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3771-1041	0.90	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3771-1041	0.81	ND	ug/Kg	U
100-42-5	Styrene	A3771-1041	0.52	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3771-1041	0.99	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3771-1041	0.96	ND	ug/Kg	U
994-05-8	TAME	A3771-1041	0.70	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3771-1041	0.75	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3771-1041	21.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3771-1041	0.84	ND	ug/Kg	U
108-88-3	Toluene	A3771-1041	0.96	ND	ug/Kg	U
79-01-6	Trichloroethene	A3771-1041	0.87	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3771-1041	0.84	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3771-1041	0.70	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3771-1041	95.3 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3771-1041	95.1 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3771-1041	97.6 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3771-1041	102.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-22

Client Sample ID: SB-9D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:08

% Solid: 80.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3771-1042	0.70	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3771-1042	0.84	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3771-1042	1.10	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3771-1042	1.04	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3771-1042	0.70	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3771-1042	0.62	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3771-1042	0.81	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3771-1042	1.35	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3771-1042	0.98	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3771-1042	1.74	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3771-1042	1.01	4.92	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3771-1042	0.84	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3771-1042	0.84	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3771-1042	2.28	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3771-1042	0.81	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3771-1042	0.90	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3771-1042	0.98	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3771-1042	1.07	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3771-1042	0.96	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3771-1042	0.76	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3771-1042	0.59	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3771-1042	0.59	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3771-1042	1.04	ND	ug/Kg	U
78-93-3	2-Butanone	A3771-1042	5.90	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3771-1042	4.58	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3771-1042	0.76	ND	ug/Kg	U
591-78-6	2-Hexanone	A3771-1042	2.47	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3771-1042	0.84	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3771-1042	0.65	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3771-1042	3.74	ND	ug/Kg	U
67-64-1	Acetone	A3771-1042	6.91	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3771-1042	17.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-22

Client Sample ID: SB-9D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:08

% Solid: 80.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3771-1042	0.87	ND	ug/Kg	U
108-86-1	Bromobenzene	A3771-1042	0.87	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3771-1042	1.15	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3771-1042	0.84	ND	ug/Kg	U
75-25-2	Bromoform	A3771-1042	0.93	ND	ug/Kg	U
74-83-9	Bromomethane	A3771-1042	1.38	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3771-1042	1.10	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3771-1042	0.87	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3771-1042	0.81	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3771-1042	1.07	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3771-1042	0.73	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3771-1042	0.81	ND	ug/Kg	U
75-00-3	Chloroethane	A3771-1042	1.21	ND	ug/Kg	U
67-66-3	Chloroform	A3771-1042	0.67	ND	ug/Kg	U
74-87-3	Chloromethane	A3771-1042	1.10	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3771-1042	0.56	ND	ug/Kg	U
74-95-3	Dibromomethane	A3771-1042	0.73	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3771-1042	1.10	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3771-1042	1.10	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3771-1042	0.96	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3771-1042	0.70	ND	ug/Kg	U
108-38-3	m,p-xylene	A3771-1042	1.77	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3771-1042	0.87	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3771-1042	0.56	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3771-1042	0.76	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3771-1042	0.98	ND	ug/Kg	U
91-20-3	Naphthalene	A3771-1042	1.49	ND	ug/Kg	U
95-47-6	o-xylene	A3771-1042	0.96	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3771-1042	0.76	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3771-1042	0.87	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3771-1042	0.79	ND	ug/Kg	U
100-42-5	Styrene	A3771-1042	0.51	ND	ug/Kg	U



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-22

Client Sample ID: SB-9D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:08

% Solid: 80.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3771-1042	0.96	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3771-1042	0.93	ND	ug/Kg	U
994-05-8	TAME	A3771-1042	0.67	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3771-1042	0.73	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3771-1042	20.5	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3771-1042	0.81	ND	ug/Kg	U
108-88-3	Toluene	A3771-1042	0.93	ND	ug/Kg	U
79-01-6	Trichloroethene	A3771-1042	0.84	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3771-1042	0.81	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3771-1042	0.67	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3771-1042	95.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3771-1042	97.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3771-1042	96.8 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3771-1042	101.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-24

Client Sample ID: SB-10B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3768-988	116	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3768-988	128	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3768-988	101	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3768-988	122	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3768-988	119	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3768-988	136	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3768-988	126	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3768-988	108	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3768-988	83.7	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3768-988	105	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3768-988	105	3620	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3768-988	90.4	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3768-988	113	8540	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	A3768-988	101	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3768-988	105	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3768-988	108	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3768-988	131	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3768-988	120	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3768-988	111	3540	ug/Kg	
541-73-1	1,3-Dichlorobenzene	A3768-988	104	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3768-988	112	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3768-988	105	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3768-988	117	ND	ug/Kg	U
78-93-3	2-Butanone	A3768-988	103	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3768-988	192	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3768-988	112	ND	ug/Kg	U
591-78-6	2-Hexanone	A3768-988	82.3	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3768-988	105	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3768-988	109	2560	ug/Kg	
108-10-1	4-Methyl-2-pentanone	A3768-988	116	ND	ug/Kg	U
67-64-1	Acetone	A3768-988	157	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3768-988	510	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-24

Client Sample ID: SB-10B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3768-988	119	ND	ug/Kg	U
108-86-1	Bromobenzene	A3768-988	108	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3768-988	123	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3768-988	120	ND	ug/Kg	U
75-25-2	Bromoform	A3768-988	109	ND	ug/Kg	U
74-83-9	Bromomethane	A3768-988	138	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3768-988	120	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3768-988	117	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3768-988	111	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3768-988	122	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3768-988	116	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3768-988	126	ND	ug/Kg	U
75-00-3	Chloroethane	A3768-988	194	ND	ug/Kg	U
67-66-3	Chloroform	A3768-988	131	ND	ug/Kg	U
74-87-3	Chloromethane	A3768-988	107	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3768-988	112	ND	ug/Kg	U
74-95-3	Dibromomethane	A3768-988	123	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3768-988	108	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3768-988	120	311	ug/Kg	J
87-68-3	Hexachlorobutadiene	A3768-988	107	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3768-988	116	445	ug/Kg	J
108-38-3	m,p-xylene	A3768-988	235	338	ug/Kg	J
1634-04-4	Methyl t-butyl ether	A3768-988	119	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3768-988	146	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3768-988	112	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3768-988	109	1040	ug/Kg	
91-20-3	Naphthalene	A3768-988	82.3	5210	ug/Kg	
95-47-6	o-xylene	A3768-988	115	698	ug/Kg	
105-05-5	p-Diethylbenzene	A3768-988	104	12600	ug/Kg	
622-96-8	p-Ethyltoluene	A3768-988	109	1770	ug/Kg	
135-98-8	sec-Butylbenzene	A3768-988	105	1440	ug/Kg	
100-42-5	Styrene	A3768-988	109	ND	ug/Kg	U



Environmental Quality Services, Inc.

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9/9/2011

Volatiles - EPA 8260B

Sample: **1107290-24**

Client Sample ID: SB-10B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3768-988	128	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3768-988	107	ND	ug/Kg	U
994-05-8	TAME	A3768-988	116	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3768-988	115	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3768-988	1090	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3768-988	113	ND	ug/Kg	U
108-88-3	Toluene	A3768-988	146	ND	ug/Kg	U
79-01-6	Trichloroethene	A3768-988	127	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3768-988	135	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3768-988	111	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3768-988	96.1 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3768-988	112.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3768-988	97.7 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3768-988	103.0 %	(74 - 136)	



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-25

Client Sample ID: SB-10C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 13:37

% Solid: 80.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1111	0.70	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1111	0.84	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1111	1.09	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1111	1.03	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1111	0.70	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1111	0.61	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1111	0.81	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1111	1.34	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1111	0.98	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1111	1.73	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1111	1.00	8.79	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3774-1111	0.84	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1111	0.84	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1111	2.26	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1111	0.81	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1111	0.89	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1111	0.98	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1111	1.06	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1111	0.95	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1111	0.75	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1111	0.59	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1111	0.59	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1111	1.03	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1111	5.86	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1111	4.55	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1111	0.75	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1111	2.46	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1111	0.84	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1111	0.64	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1111	3.71	ND	ug/Kg	U
67-64-1	Acetone	A3774-1111	6.86	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1111	17.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-25

Client Sample ID: SB-10C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 13:37

% Solid: 80.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1111	0.86	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1111	0.86	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1111	1.14	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1111	0.84	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1111	0.92	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1111	1.37	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1111	1.09	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1111	0.86	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1111	0.81	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1111	1.06	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1111	0.73	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1111	0.81	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1111	1.20	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1111	0.67	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1111	1.09	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1111	0.56	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1111	0.73	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1111	1.09	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1111	1.09	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1111	0.95	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1111	0.70	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1111	1.76	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1111	0.86	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1111	0.56	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1111	0.75	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1111	0.98	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1111	1.48	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1111	0.95	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1111	0.75	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1111	0.86	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1111	0.78	ND	ug/Kg	U
100-42-5	Styrene	A3774-1111	0.50	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-25

Client Sample ID: SB-10C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 13:37

% Solid: 80.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1111	0.95	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1111	0.92	ND	ug/Kg	U
994-05-8	TAME	A3774-1111	0.67	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1111	0.73	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1111	20.3	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1111	0.81	ND	ug/Kg	U
108-88-3	Toluene	A3774-1111	0.92	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1111	0.84	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1111	0.81	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1111	0.67	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1111	108.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1111	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1111	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1111	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3771-1043	0.70	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3771-1043	0.84	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3771-1043	1.09	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3771-1043	1.03	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3771-1043	0.70	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3771-1043	0.61	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3771-1043	0.81	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3771-1043	1.34	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3771-1043	0.98	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3771-1043	1.73	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3771-1043	1.00	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3771-1043	0.84	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3771-1043	0.84	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3771-1043	2.26	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3771-1043	0.81	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3771-1043	0.89	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3771-1043	0.98	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3771-1043	1.06	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3771-1043	0.95	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3771-1043	0.75	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3771-1043	0.59	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3771-1043	0.59	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3771-1043	1.03	ND	ug/Kg	U
78-93-3	2-Butanone	A3771-1043	5.86	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3771-1043	4.55	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3771-1043	0.75	ND	ug/Kg	U
591-78-6	2-Hexanone	A3771-1043	2.46	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3771-1043	0.84	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3771-1043	0.64	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3771-1043	3.71	ND	ug/Kg	U
67-64-1	Acetone	A3771-1043	6.86	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3771-1043	17.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3771-1043	0.86	ND	ug/Kg	U
108-86-1	Bromobenzene	A3771-1043	0.86	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3771-1043	1.14	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3771-1043	0.84	ND	ug/Kg	U
75-25-2	Bromoform	A3771-1043	0.92	ND	ug/Kg	U
74-83-9	Bromomethane	A3771-1043	1.37	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3771-1043	1.09	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3771-1043	0.86	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3771-1043	0.81	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3771-1043	1.06	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3771-1043	0.73	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3771-1043	0.81	ND	ug/Kg	U
75-00-3	Chloroethane	A3771-1043	1.20	ND	ug/Kg	U
67-66-3	Chloroform	A3771-1043	0.67	ND	ug/Kg	U
74-87-3	Chloromethane	A3771-1043	1.09	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3771-1043	0.56	ND	ug/Kg	U
74-95-3	Dibromomethane	A3771-1043	0.73	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3771-1043	1.09	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3771-1043	1.09	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3771-1043	0.95	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3771-1043	0.70	ND	ug/Kg	U
108-38-3	m,p-xylene	A3771-1043	1.76	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3771-1043	0.86	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3771-1043	0.56	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3771-1043	0.75	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3771-1043	0.98	ND	ug/Kg	U
91-20-3	Naphthalene	A3771-1043	1.48	ND	ug/Kg	U
95-47-6	o-xylene	A3771-1043	0.95	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3771-1043	0.75	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3771-1043	0.86	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3771-1043	0.78	ND	ug/Kg	U
100-42-5	Styrene	A3771-1043	0.50	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3771-1043	0.95	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3771-1043	0.92	ND	ug/Kg	U
994-05-8	TAME	A3771-1043	0.67	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3771-1043	0.73	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3771-1043	20.3	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3771-1043	0.81	ND	ug/Kg	U
108-88-3	Toluene	A3771-1043	0.92	ND	ug/Kg	U
79-01-6	Trichloroethene	A3771-1043	0.84	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3771-1043	0.81	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3771-1043	0.67	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3771-1043	94.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3771-1043	94.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3771-1043	97.5 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3771-1043	101.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: **1107290-27**

Client Sample ID: SB-12B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3771-1039	121	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3771-1039	134	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3771-1039	106	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3771-1039	127	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3771-1039	124	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3771-1039	142	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3771-1039	131	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3771-1039	113	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3771-1039	87.4	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3771-1039	110	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3771-1039	110	4630	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3771-1039	94.5	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3771-1039	118	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3771-1039	106	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3771-1039	110	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3771-1039	113	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3771-1039	137	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3771-1039	125	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3771-1039	116	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3771-1039	109	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3771-1039	117	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3771-1039	110	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3771-1039	123	ND	ug/Kg	U
78-93-3	2-Butanone	A3771-1039	107	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3771-1039	200	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3771-1039	117	ND	ug/Kg	U
591-78-6	2-Hexanone	A3771-1039	86.0	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3771-1039	110	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3771-1039	114	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3771-1039	121	ND	ug/Kg	U
67-64-1	Acetone	A3771-1039	164	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3771-1039	533	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: **1107290-27**

Client Sample ID: SB-12B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3771-1039	124	ND	ug/Kg	U
108-86-1	Bromobenzene	A3771-1039	113	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3771-1039	128	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3771-1039	125	ND	ug/Kg	U
75-25-2	Bromoform	A3771-1039	114	ND	ug/Kg	U
74-83-9	Bromomethane	A3771-1039	144	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3771-1039	125	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3771-1039	123	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3771-1039	116	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3771-1039	127	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3771-1039	121	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3771-1039	131	ND	ug/Kg	U
75-00-3	Chloroethane	A3771-1039	203	ND	ug/Kg	U
67-66-3	Chloroform	A3771-1039	137	ND	ug/Kg	U
74-87-3	Chloromethane	A3771-1039	111	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3771-1039	117	ND	ug/Kg	U
74-95-3	Dibromomethane	A3771-1039	128	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3771-1039	113	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3771-1039	125	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3771-1039	111	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3771-1039	121	589	ug/Kg	J
108-38-3	m,p-xylene	A3771-1039	245	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3771-1039	124	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3771-1039	152	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3771-1039	117	2060	ug/Kg	
103-65-1	n-Propylbenzene	A3771-1039	114	1370	ug/Kg	
91-20-3	Naphthalene	A3771-1039	86.0	ND	ug/Kg	U
95-47-6	o-xylene	A3771-1039	120	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3771-1039	109	1230	ug/Kg	
622-96-8	p-Ethyltoluene	A3771-1039	114	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3771-1039	110	1550	ug/Kg	
100-42-5	Styrene	A3771-1039	114	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-27

Client Sample ID: SB-12B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3771-1039	134	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3771-1039	111	ND	ug/Kg	U
994-05-8	TAME	A3771-1039	121	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3771-1039	120	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3771-1039	1140	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3771-1039	118	ND	ug/Kg	U
108-88-3	Toluene	A3771-1039	152	ND	ug/Kg	U
79-01-6	Trichloroethene	A3771-1039	133	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3771-1039	141	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3771-1039	116	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3771-1039	93.1 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3771-1039	105.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3771-1039	95.8 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3771-1039	102.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-28

Client Sample ID: SB-12C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3768-992	120	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3768-992	132	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3768-992	104	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3768-992	125	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3768-992	122	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3768-992	140	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3768-992	129	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3768-992	111	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3768-992	86.2	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3768-992	108	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3768-992	108	5350	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3768-992	93.1	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3768-992	117	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3768-992	104	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3768-992	108	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3768-992	111	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3768-992	135	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3768-992	124	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3768-992	114	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3768-992	107	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3768-992	115	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3768-992	108	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3768-992	121	ND	ug/Kg	U
78-93-3	2-Butanone	A3768-992	106	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3768-992	197	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3768-992	115	ND	ug/Kg	U
591-78-6	2-Hexanone	A3768-992	84.8	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3768-992	108	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3768-992	113	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3768-992	120	ND	ug/Kg	U
67-64-1	Acetone	A3768-992	161	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3768-992	525	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-28

Client Sample ID: SB-12C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3768-992	122	ND	ug/Kg	U
108-86-1	Bromobenzene	A3768-992	111	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3768-992	126	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3768-992	124	ND	ug/Kg	U
75-25-2	Bromoform	A3768-992	113	ND	ug/Kg	U
74-83-9	Bromomethane	A3768-992	142	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3768-992	124	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3768-992	121	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3768-992	114	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3768-992	125	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3768-992	120	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3768-992	129	ND	ug/Kg	U
75-00-3	Chloroethane	A3768-992	200	ND	ug/Kg	U
67-66-3	Chloroform	A3768-992	135	ND	ug/Kg	U
74-87-3	Chloromethane	A3768-992	110	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3768-992	115	ND	ug/Kg	U
74-95-3	Dibromomethane	A3768-992	126	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3768-992	111	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3768-992	124	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3768-992	110	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3768-992	120	811	ug/Kg	
108-38-3	m,p-xylene	A3768-992	242	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3768-992	122	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3768-992	150	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3768-992	115	2350	ug/Kg	
103-65-1	n-Propylbenzene	A3768-992	113	1720	ug/Kg	
91-20-3	Naphthalene	A3768-992	84.8	ND	ug/Kg	U
95-47-6	o-xylene	A3768-992	118	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3768-992	107	1460	ug/Kg	
622-96-8	p-Ethyltoluene	A3768-992	113	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3768-992	108	2220	ug/Kg	
100-42-5	Styrene	A3768-992	113	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-28

Client Sample ID: SB-12C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3768-992	132	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3768-992	110	ND	ug/Kg	U
994-05-8	TAME	A3768-992	120	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3768-992	118	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3768-992	1130	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3768-992	117	ND	ug/Kg	U
108-88-3	Toluene	A3768-992	150	ND	ug/Kg	U
79-01-6	Trichloroethene	A3768-992	131	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3768-992	139	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3768-992	114	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3768-992	96.7 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3768-992	106.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3768-992	97.9 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3768-992	101.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-29

Client Sample ID: SB-12D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:13

% Solid: 81.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3768-993	262	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3768-993	290	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3768-993	229	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3768-993	274	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3768-993	268	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3768-993	308	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3768-993	284	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3768-993	244	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3768-993	189	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3768-993	238	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3768-993	238	12700	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3768-993	204	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3768-993	256	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3768-993	229	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3768-993	238	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3768-993	244	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3768-993	296	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3768-993	271	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3768-993	250	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3768-993	235	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3768-993	253	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3768-993	238	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3768-993	265	ND	ug/Kg	U
78-93-3	2-Butanone	A3768-993	232	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3768-993	433	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3768-993	253	ND	ug/Kg	U
591-78-6	2-Hexanone	A3768-993	186	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3768-993	238	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3768-993	247	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3768-993	262	ND	ug/Kg	U
67-64-1	Acetone	A3768-993	354	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3768-993	1150	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-29

Client Sample ID: SB-12D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:13

% Solid: 81.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3768-993	268	ND	ug/Kg	U
108-86-1	Bromobenzene	A3768-993	244	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3768-993	278	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3768-993	271	ND	ug/Kg	U
75-25-2	Bromoform	A3768-993	247	ND	ug/Kg	U
74-83-9	Bromomethane	A3768-993	311	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3768-993	271	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3768-993	265	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3768-993	250	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3768-993	274	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3768-993	262	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3768-993	284	ND	ug/Kg	U
75-00-3	Chloroethane	A3768-993	439	ND	ug/Kg	U
67-66-3	Chloroform	A3768-993	296	ND	ug/Kg	U
74-87-3	Chloromethane	A3768-993	241	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3768-993	253	ND	ug/Kg	U
74-95-3	Dibromomethane	A3768-993	278	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3768-993	244	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3768-993	271	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3768-993	241	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3768-993	262	1780	ug/Kg	
108-38-3	m,p-xylene	A3768-993	531	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3768-993	268	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3768-993	329	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3768-993	253	5700	ug/Kg	
103-65-1	n-Propylbenzene	A3768-993	247	3820	ug/Kg	
91-20-3	Naphthalene	A3768-993	186	ND	ug/Kg	U
95-47-6	o-xylene	A3768-993	259	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3768-993	235	3390	ug/Kg	
622-96-8	p-Ethyltoluene	A3768-993	247	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3768-993	238	4870	ug/Kg	
100-42-5	Styrene	A3768-993	247	ND	ug/Kg	U



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-29

Client Sample ID: SB-12D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:13

% Solid: 81.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3768-993	290	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3768-993	241	ND	ug/Kg	U
994-05-8	TAME	A3768-993	262	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3768-993	259	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3768-993	2470	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3768-993	256	ND	ug/Kg	U
108-88-3	Toluene	A3768-993	329	ND	ug/Kg	U
79-01-6	Trichloroethene	A3768-993	287	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3768-993	305	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3768-993	250	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3768-993	96.5 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3768-993	108.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3768-993	97.4 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3768-993	102.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-31

Client Sample ID: SB-6B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 11:05

% Solid: 89.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3775-1132	0.63	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3775-1132	0.75	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3775-1132	0.98	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3775-1132	0.93	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3775-1132	0.63	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3775-1132	0.55	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3775-1132	0.73	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3775-1132	1.20	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3775-1132	0.88	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3775-1132	1.55	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3775-1132	0.90	74.5	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3775-1132	0.75	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3775-1132	0.75	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3775-1132	2.03	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3775-1132	0.73	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3775-1132	0.80	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3775-1132	0.88	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3775-1132	0.95	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3775-1132	0.85	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3775-1132	0.68	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3775-1132	0.52	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3775-1132	0.52	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3775-1132	0.93	ND	ug/Kg	U
78-93-3	2-Butanone	A3775-1132	5.25	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3775-1132	4.07	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3775-1132	0.68	ND	ug/Kg	U
591-78-6	2-Hexanone	A3775-1132	2.20	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3775-1132	0.75	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3775-1132	0.57	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3775-1132	3.33	ND	ug/Kg	U
67-64-1	Acetone	A3775-1132	6.15	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3775-1132	15.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-31

Client Sample ID: SB-6B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 11:05

% Solid: 89.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3775-1132	0.77	ND	ug/Kg	U
108-86-1	Bromobenzene	A3775-1132	0.77	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3775-1132	1.02	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3775-1132	0.75	ND	ug/Kg	U
75-25-2	Bromoform	A3775-1132	0.82	ND	ug/Kg	U
74-83-9	Bromomethane	A3775-1132	1.23	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3775-1132	0.98	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3775-1132	0.77	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3775-1132	0.73	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3775-1132	0.95	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3775-1132	0.65	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3775-1132	0.73	ND	ug/Kg	U
75-00-3	Chloroethane	A3775-1132	1.08	ND	ug/Kg	U
67-66-3	Chloroform	A3775-1132	0.60	ND	ug/Kg	U
74-87-3	Chloromethane	A3775-1132	0.98	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3775-1132	0.50	ND	ug/Kg	U
74-95-3	Dibromomethane	A3775-1132	0.65	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3775-1132	0.98	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3775-1132	0.98	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3775-1132	0.85	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3775-1132	0.63	ND	ug/Kg	U
108-38-3	m,p-xylene	A3775-1132	1.58	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3775-1132	0.77	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3775-1132	0.50	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3775-1132	0.68	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3775-1132	0.88	ND	ug/Kg	U
91-20-3	Naphthalene	A3775-1132	1.33	ND	ug/Kg	U
95-47-6	o-xylene	A3775-1132	0.85	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3775-1132	0.68	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3775-1132	0.77	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3775-1132	0.70	ND	ug/Kg	U
100-42-5	Styrene	A3775-1132	0.45	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-31

Client Sample ID: SB-6B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 11:05

% Solid: 89.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3775-1132	0.85	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3775-1132	0.82	ND	ug/Kg	U
994-05-8	TAME	A3775-1132	0.60	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3775-1132	0.65	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3775-1132	18.2	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3775-1132	0.73	ND	ug/Kg	U
108-88-3	Toluene	A3775-1132	0.82	ND	ug/Kg	U
79-01-6	Trichloroethene	A3775-1132	0.75	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3775-1132	0.73	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3775-1132	0.60	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3775-1132	104.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3775-1132	109.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3775-1132	101.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3775-1132	106.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: **1107290-32**

Client Sample ID: SB-6C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:17

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1112	0.66	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1112	0.80	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1112	1.03	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1112	0.98	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1112	0.66	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1112	0.58	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1112	0.77	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1112	1.27	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1112	0.93	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1112	1.64	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1112	0.95	33.5	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3774-1112	0.80	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1112	0.80	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1112	2.15	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1112	0.77	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1112	0.85	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1112	0.93	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1112	1.01	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1112	0.90	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1112	0.72	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1112	0.56	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1112	0.56	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1112	0.98	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1112	5.57	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1112	4.32	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1112	0.72	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1112	2.33	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1112	0.80	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1112	0.61	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1112	3.52	ND	ug/Kg	U
67-64-1	Acetone	A3774-1112	6.52	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1112	16.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-32

Client Sample ID: SB-6C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:17

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1112	0.82	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1112	0.82	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1112	1.09	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1112	0.80	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1112	0.87	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1112	1.30	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1112	1.03	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1112	0.82	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1112	0.77	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1112	1.01	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1112	0.69	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1112	0.77	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1112	1.14	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1112	0.64	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1112	1.03	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1112	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1112	0.69	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1112	1.03	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1112	1.03	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1112	0.90	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1112	0.66	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1112	1.67	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1112	0.82	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1112	0.53	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1112	0.72	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1112	0.93	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1112	1.40	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1112	0.90	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1112	0.72	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1112	0.82	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1112	0.74	ND	ug/Kg	U
100-42-5	Styrene	A3774-1112	0.48	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-32

Client Sample ID: SB-6C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:17

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1112	0.90	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1112	0.87	ND	ug/Kg	U
994-05-8	TAME	A3774-1112	0.64	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1112	0.69	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1112	19.3	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1112	0.77	ND	ug/Kg	U
108-88-3	Toluene	A3774-1112	0.87	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1112	0.80	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1112	0.77	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1112	0.64	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1112	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1112	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1112	102.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1112	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3771-1044	0.68	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3771-1044	0.82	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3771-1044	1.06	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3771-1044	1.01	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3771-1044	0.68	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3771-1044	0.60	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3771-1044	0.79	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3771-1044	1.31	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3771-1044	0.96	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3771-1044	1.69	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3771-1044	0.98	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3771-1044	0.82	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3771-1044	0.82	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3771-1044	2.21	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3771-1044	0.79	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3771-1044	0.87	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3771-1044	0.96	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3771-1044	1.04	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3771-1044	0.93	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3771-1044	0.74	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3771-1044	0.57	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3771-1044	0.57	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3771-1044	1.01	ND	ug/Kg	U
78-93-3	2-Butanone	A3771-1044	5.73	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3771-1044	4.45	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3771-1044	0.74	ND	ug/Kg	U
591-78-6	2-Hexanone	A3771-1044	2.40	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3771-1044	0.82	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3771-1044	0.63	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3771-1044	3.63	ND	ug/Kg	U
67-64-1	Acetone	A3771-1044	6.72	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3771-1044	16.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3771-1044	0.85	ND	ug/Kg	U
108-86-1	Bromobenzene	A3771-1044	0.85	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3771-1044	1.12	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3771-1044	0.82	ND	ug/Kg	U
75-25-2	Bromoform	A3771-1044	0.90	ND	ug/Kg	U
74-83-9	Bromomethane	A3771-1044	1.34	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3771-1044	1.06	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3771-1044	0.85	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3771-1044	0.79	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3771-1044	1.04	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3771-1044	0.71	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3771-1044	0.79	ND	ug/Kg	U
75-00-3	Chloroethane	A3771-1044	1.17	ND	ug/Kg	U
67-66-3	Chloroform	A3771-1044	0.66	ND	ug/Kg	U
74-87-3	Chloromethane	A3771-1044	1.06	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3771-1044	0.55	ND	ug/Kg	U
74-95-3	Dibromomethane	A3771-1044	0.71	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3771-1044	1.06	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3771-1044	1.06	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3771-1044	0.93	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3771-1044	0.68	ND	ug/Kg	U
108-38-3	m,p-xylene	A3771-1044	1.72	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3771-1044	0.85	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3771-1044	0.55	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3771-1044	0.74	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3771-1044	0.96	ND	ug/Kg	U
91-20-3	Naphthalene	A3771-1044	1.45	ND	ug/Kg	U
95-47-6	o-xylene	A3771-1044	0.93	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3771-1044	0.74	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3771-1044	0.85	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3771-1044	0.76	ND	ug/Kg	U
100-42-5	Styrene	A3771-1044	0.49	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3771-1044	0.93	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3771-1044	0.90	ND	ug/Kg	U
994-05-8	TAME	A3771-1044	0.66	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3771-1044	0.71	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3771-1044	19.9	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3771-1044	0.79	ND	ug/Kg	U
108-88-3	Toluene	A3771-1044	0.90	ND	ug/Kg	U
79-01-6	Trichloroethene	A3771-1044	0.82	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3771-1044	0.79	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3771-1044	0.66	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3771-1044	95.2 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3771-1044	96.3 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3771-1044	98.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3771-1044	100.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-34

Client Sample ID: SB-8B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1113	0.62	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1113	0.74	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1113	0.97	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1113	0.92	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1113	0.62	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1113	0.55	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1113	0.72	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1113	1.19	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1113	0.87	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1113	1.54	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1113	0.89	9.50	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3774-1113	0.74	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1113	0.74	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1113	2.01	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1113	0.72	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1113	0.79	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1113	0.87	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1113	0.94	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1113	0.84	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1113	0.67	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1113	0.52	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1113	0.52	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1113	0.92	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1113	5.21	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1113	4.04	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1113	0.67	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1113	2.18	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1113	0.74	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1113	0.57	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1113	3.30	ND	ug/Kg	U
67-64-1	Acetone	A3774-1113	6.10	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1113	15.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-34

Client Sample ID: SB-8B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1113	0.77	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1113	0.77	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1113	1.02	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1113	0.74	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1113	0.82	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1113	1.22	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1113	0.97	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1113	0.77	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1113	0.72	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1113	0.94	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1113	0.64	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1113	0.72	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1113	1.07	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1113	0.60	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1113	0.97	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1113	0.50	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1113	0.64	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1113	0.97	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1113	0.97	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1113	0.84	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1113	0.62	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1113	1.56	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1113	0.77	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1113	0.50	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1113	0.67	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1113	0.87	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1113	1.31	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1113	0.84	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1113	0.67	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1113	0.77	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1113	0.69	ND	ug/Kg	U
100-42-5	Styrene	A3774-1113	0.45	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-34

Client Sample ID: SB-8B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1113	0.84	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1113	0.82	ND	ug/Kg	U
994-05-8	TAME	A3774-1113	0.60	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1113	0.64	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1113	18.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1113	0.72	ND	ug/Kg	U
108-88-3	Toluene	A3774-1113	0.82	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1113	0.74	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1113	0.72	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1113	0.60	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1113	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1113	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1113	102.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1113	105.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-35

Client Sample ID: SB-8C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1114	0.67	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1114	0.80	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1114	1.04	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1114	0.99	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1114	0.67	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1114	0.59	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1114	0.77	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1114	1.28	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1114	0.93	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1114	1.66	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1114	0.96	12.0	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3774-1114	0.80	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1114	0.80	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1114	2.16	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1114	0.77	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1114	0.85	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1114	0.93	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1114	1.01	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1114	0.91	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1114	0.72	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1114	0.56	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1114	0.56	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1114	0.99	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1114	5.61	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1114	4.35	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1114	0.72	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1114	2.35	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1114	0.80	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1114	0.61	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1114	3.55	ND	ug/Kg	U
67-64-1	Acetone	A3774-1114	6.57	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1114	16.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-35

Client Sample ID: SB-8C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1114	0.83	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1114	0.83	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1114	1.09	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1114	0.80	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1114	0.88	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1114	1.31	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1114	1.04	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1114	0.83	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1114	0.77	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1114	1.01	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1114	0.69	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1114	0.77	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1114	1.15	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1114	0.64	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1114	1.04	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1114	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1114	0.69	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1114	1.04	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1114	1.04	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1114	0.91	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1114	0.67	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1114	1.68	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1114	0.83	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1114	0.53	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1114	0.72	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1114	0.93	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1114	1.42	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1114	0.91	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1114	0.72	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1114	0.83	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1114	0.75	ND	ug/Kg	U
100-42-5	Styrene	A3774-1114	0.48	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-35

Client Sample ID: SB-8C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1114	0.91	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1114	0.88	ND	ug/Kg	U
994-05-8	TAME	A3774-1114	0.64	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1114	0.69	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1114	19.4	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1114	0.77	ND	ug/Kg	U
108-88-3	Toluene	A3774-1114	0.88	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1114	0.80	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1114	0.77	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1114	0.64	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1114	106.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1114	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1114	102.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1114	105.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-36

Client Sample ID: SB-8D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:58

% Solid: 82%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1115	0.69	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1115	0.82	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1115	1.07	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1115	1.01	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1115	0.69	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1115	0.60	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1115	0.79	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1115	1.32	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1115	0.96	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1115	1.70	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1115	0.99	5.91	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3774-1115	0.82	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1115	0.82	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1115	2.22	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1115	0.79	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1115	0.88	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1115	0.96	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1115	1.04	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1115	0.93	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1115	0.74	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1115	0.58	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1115	0.58	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1115	1.01	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1115	5.75	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1115	4.47	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1115	0.74	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1115	2.41	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1115	0.82	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1115	0.63	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1115	3.64	ND	ug/Kg	U
67-64-1	Acetone	A3774-1115	6.74	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1115	16.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-36

Client Sample ID: SB-8D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:58

% Solid: 82%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1115	0.85	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1115	0.85	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1115	1.12	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1115	0.82	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1115	0.90	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1115	1.34	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1115	1.07	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1115	0.85	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1115	0.79	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1115	1.04	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1115	0.71	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1115	0.79	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1115	1.18	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1115	0.66	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1115	1.07	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1115	0.55	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1115	0.71	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1115	1.07	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1115	1.07	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1115	0.93	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1115	0.69	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1115	1.73	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1115	0.85	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1115	0.55	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1115	0.74	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1115	0.96	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1115	1.45	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1115	0.93	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1115	0.74	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1115	0.85	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1115	0.77	ND	ug/Kg	U
100-42-5	Styrene	A3774-1115	0.49	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-36

Client Sample ID: SB-8D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:58

% Solid: 82%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1115	0.93	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1115	0.90	ND	ug/Kg	U
994-05-8	TAME	A3774-1115	0.66	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1115	0.71	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1115	19.9	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1115	0.79	ND	ug/Kg	U
108-88-3	Toluene	A3774-1115	0.90	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1115	0.82	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1115	0.79	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1115	0.66	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1115	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1115	104.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1115	104.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1115	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3771-1045	0.59	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3771-1045	0.71	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3771-1045	0.92	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3771-1045	0.88	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3771-1045	0.59	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3771-1045	0.52	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3771-1045	0.69	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3771-1045	1.14	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3771-1045	0.83	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3771-1045	1.47	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3771-1045	0.85	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3771-1045	0.71	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3771-1045	0.71	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3771-1045	1.92	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3771-1045	0.69	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3771-1045	0.76	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3771-1045	0.83	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3771-1045	0.90	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3771-1045	0.81	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3771-1045	0.64	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3771-1045	0.50	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3771-1045	0.50	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3771-1045	0.88	ND	ug/Kg	U
78-93-3	2-Butanone	A3771-1045	4.98	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3771-1045	3.86	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3771-1045	0.64	ND	ug/Kg	U
591-78-6	2-Hexanone	A3771-1045	2.09	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3771-1045	0.71	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3771-1045	0.55	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3771-1045	3.15	ND	ug/Kg	U
67-64-1	Acetone	A3771-1045	5.83	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3771-1045	14.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3771-1045	0.73	ND	ug/Kg	U
108-86-1	Bromobenzene	A3771-1045	0.73	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3771-1045	0.97	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3771-1045	0.71	ND	ug/Kg	U
75-25-2	Bromoform	A3771-1045	0.78	ND	ug/Kg	U
74-83-9	Bromomethane	A3771-1045	1.16	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3771-1045	0.92	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3771-1045	0.73	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3771-1045	0.69	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3771-1045	0.90	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3771-1045	0.62	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3771-1045	0.69	ND	ug/Kg	U
75-00-3	Chloroethane	A3771-1045	1.02	ND	ug/Kg	U
67-66-3	Chloroform	A3771-1045	0.57	ND	ug/Kg	U
74-87-3	Chloromethane	A3771-1045	0.92	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3771-1045	0.47	ND	ug/Kg	U
74-95-3	Dibromomethane	A3771-1045	0.62	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3771-1045	0.92	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3771-1045	0.92	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3771-1045	0.81	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3771-1045	0.59	ND	ug/Kg	U
108-38-3	m,p-xylene	A3771-1045	1.49	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3771-1045	0.73	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3771-1045	0.47	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3771-1045	0.64	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3771-1045	0.83	ND	ug/Kg	U
91-20-3	Naphthalene	A3771-1045	1.26	ND	ug/Kg	U
95-47-6	o-xylene	A3771-1045	0.81	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3771-1045	0.64	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3771-1045	0.73	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3771-1045	0.66	ND	ug/Kg	U
100-42-5	Styrene	A3771-1045	0.43	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3771-1045	0.81	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3771-1045	0.78	ND	ug/Kg	U
994-05-8	TAME	A3771-1045	0.57	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3771-1045	0.62	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3771-1045	17.3	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3771-1045	0.69	ND	ug/Kg	U
108-88-3	Toluene	A3771-1045	0.78	ND	ug/Kg	U
79-01-6	Trichloroethene	A3771-1045	0.71	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3771-1045	0.69	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3771-1045	0.57	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3771-1045	95.2 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3771-1045	97.3 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3771-1045	97.3 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3771-1045	101.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3774-1116	0.63	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3774-1116	0.75	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3774-1116	0.98	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3774-1116	0.93	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3774-1116	0.63	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3774-1116	0.55	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3774-1116	0.73	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3774-1116	1.20	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3774-1116	0.88	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3774-1116	1.56	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3774-1116	0.90	5.29	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	A3774-1116	0.75	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3774-1116	0.75	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3774-1116	2.03	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3774-1116	0.73	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3774-1116	0.80	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3774-1116	0.88	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3774-1116	0.95	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3774-1116	0.85	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3774-1116	0.68	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3774-1116	0.53	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3774-1116	0.53	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3774-1116	0.93	ND	ug/Kg	U
78-93-3	2-Butanone	A3774-1116	5.27	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3774-1116	4.09	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3774-1116	0.68	ND	ug/Kg	U
591-78-6	2-Hexanone	A3774-1116	2.21	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3774-1116	0.75	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3774-1116	0.58	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3774-1116	3.34	ND	ug/Kg	U
67-64-1	Acetone	A3774-1116	6.17	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3774-1116	15.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3774-1116	0.78	ND	ug/Kg	U
108-86-1	Bromobenzene	A3774-1116	0.78	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3774-1116	1.03	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3774-1116	0.75	ND	ug/Kg	U
75-25-2	Bromoform	A3774-1116	0.83	ND	ug/Kg	U
74-83-9	Bromomethane	A3774-1116	1.23	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3774-1116	0.98	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3774-1116	0.78	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3774-1116	0.73	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3774-1116	0.95	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3774-1116	0.65	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3774-1116	0.73	ND	ug/Kg	U
75-00-3	Chloroethane	A3774-1116	1.08	ND	ug/Kg	U
67-66-3	Chloroform	A3774-1116	0.60	ND	ug/Kg	U
74-87-3	Chloromethane	A3774-1116	0.98	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3774-1116	0.50	ND	ug/Kg	U
74-95-3	Dibromomethane	A3774-1116	0.65	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3774-1116	0.98	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3774-1116	0.98	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3774-1116	0.85	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3774-1116	0.63	ND	ug/Kg	U
108-38-3	m,p-xylene	A3774-1116	1.58	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3774-1116	0.78	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3774-1116	0.50	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3774-1116	0.68	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3774-1116	0.88	ND	ug/Kg	U
91-20-3	Naphthalene	A3774-1116	1.33	ND	ug/Kg	U
95-47-6	o-xylene	A3774-1116	0.85	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3774-1116	0.68	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3774-1116	0.78	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3774-1116	0.70	ND	ug/Kg	U
100-42-5	Styrene	A3774-1116	0.45	ND	ug/Kg	U



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9/9/2011

Volatiles - EPA 8260B

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3774-1116	0.85	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3774-1116	0.83	ND	ug/Kg	U
994-05-8	TAME	A3774-1116	0.60	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3774-1116	0.65	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3774-1116	18.3	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3774-1116	0.73	ND	ug/Kg	U
108-88-3	Toluene	A3774-1116	0.83	ND	ug/Kg	U
79-01-6	Trichloroethene	A3774-1116	0.75	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3774-1116	0.73	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3774-1116	0.60	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3774-1116	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3774-1116	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3774-1116	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3774-1116	107.0 %	(87 - 109)	



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-1

Client Sample ID: SB-13B

Matrix: Soil

Remarks:

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 14:26

% Solid: 91.8%

Analyte	RT	Result	Units
Unknown Compound	22.50	6410	ug/Kg
Unknown Aromatic	24.31	15500	ug/Kg
Unknown Branched Alkyl Benzene	25.24	4490	ug/Kg
Unknown Branched Alkyl Benzene	25.50	4130	ug/Kg
Unknown Cycloalkene	25.65	4660	ug/Kg
Unknown Compound	26.96	5630	ug/Kg
Unknown Branched Alkyl Benzene	27.12	7000	ug/Kg
Unknown Branched Alkyl Benzene	27.60	8410	ug/Kg
Unknown Compound	28.32	6810	ug/Kg
Unknown Aromatic	28.91	4330	ug/Kg
		Total :	67370 ug/Kg

Sample: 1107290-2

Client Sample ID: SB-13C

Matrix: Soil

Remarks:

Analyzed Date: 7/22/2011

Type: Grab

Collected: 7/20/2011 14:31

% Solid: 86.3%

Analyte	RT	Result	Units
Unknown Compound	19.33	6660	ug/Kg
Unknown Cycloalkane	20.64	6610	ug/Kg
Unknown Compound	22.55	10500	ug/Kg
Unknown Aromatic	24.33	18400	ug/Kg
Unknown Branched Alkyl Benzene	25.28	11500	ug/Kg
Unknown Branched Alkyl Benzene	25.54	8830	ug/Kg
Unknown Branched Alkyl Benzene	26.61	6620	ug/Kg
Unknown Compound	26.99	10000	ug/Kg
Unknown Branched Alkyl Benzene	27.16	9710	ug/Kg
Unknown Branched Alkyl Benzene	27.63	11000	ug/Kg
		Total :	99830 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-3

Client Sample ID: SB-14B

Matrix: Soil

Remarks:

Analyzed Date: 7/22/2011

Type: Grab

Collected: 7/20/2011 14:54

% Solid: 90.9%

Analyte	RT	Result	Units
Unknown Compound	22.53	7750	ug/Kg
Unknown Branched Alkene	24.35	17000	ug/Kg
Unknown Branched Alkyl Benzene	25.30	7540	ug/Kg
Unknown Branched Alkyl Benzene	25.55	6910	ug/Kg
Unknown Compound	27.00	11500	ug/Kg
Unknown Compound	27.17	10900	ug/Kg
Unknown Branched Alkyl Benzene	27.65	19700	ug/Kg
Unknown Aromatic	28.35	6190	ug/Kg
Unknown Branched Alkene	28.67	6220	ug/Kg
Unknown Branched Alkene	28.96	9590	ug/Kg
		Total :	103300 ug/Kg

Sample: 1107290-4

Client Sample ID: SB-14C

Matrix: Soil

Remarks:

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Analyte	RT	Result	Units
Unknown Branched Alkane	22.73	21.1	ug/Kg
Unknown Cycloalkane	23.34	17.8	ug/Kg
Unknown Alcohol	24.31	14.8	ug/Kg
Unknown Compound	25.66	14.7	ug/Kg
Unknown Cycloalkane	25.87	18.9	ug/Kg
Unknown Branched Alkyl Benzene	26.95	19.3	ug/Kg
Unknown Compound	27.12	18.7	ug/Kg
Unknown Branched Alkyl Benzene	27.76	13.4	ug/Kg
Unknown Aromatic	28.91	19.4	ug/Kg
Unknown Compound	29.22	13.4	ug/Kg
		Total :	172 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/29/2011

Analyte	RT	Result	Units
Unknown Branched Alkene	17.65	74.9	ug/Kg
		Total :	75 ug/Kg

Sample: 1107290-9

Client Sample ID: Trip Blank

Matrix: Liquid

Type: Trip Blank

Collected: 7/20/2011

Remarks:

Analyzed Date: 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/L

Sample: 1107290-10

Client Sample ID: Field Blank

Matrix: Liquid

Type: Field Blank

Collected: 7/20/2011

Remarks:

Analyzed Date: 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/L



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-11

Client Sample ID: SB-1B

Matrix: Soil

Remarks:

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 08:10

% Solid: 83.3%

Analyte	RT	Result	Units
Unknown Branched Alkyl Benzene	26.95	18.7	ug/Kg
Unknown Compound	27.13	17.5	ug/Kg
Unknown Branched Alkene	27.77	22.4	ug/Kg
Unknown Branched Alkyl Benzene	28.91	28.2	ug/Kg
Unknown Compound	29.45	14.2	ug/Kg
		Total :	101 ug/Kg

Sample: 1107290-12

Client Sample ID: SB-1C

Matrix: Soil

Remarks:

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-13

Client Sample ID: SB-2B

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Analyte	RT	Result	Units
Unknown Branched Alkane	26.36	15.4	ug/Kg
Unknown Compound	26.84	19	ug/Kg
Unknown Compound	27.09	69.2	ug/Kg
Unknown Compound	27.75	24.4	ug/Kg
Unknown Compound	27.87	19.3	ug/Kg
Unknown Compound	27.95	34.7	ug/Kg
Unknown Compound	28.18	40.3	ug/Kg
Unknown Branched Alkane	28.39	24.9	ug/Kg
Unknown Compound	28.49	102	ug/Kg
Unknown Compound	29.21	26.6	ug/Kg
		Total :	376 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-14

Client Sample ID: SB-2C

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:35

% Solid: 87.6%

Analyte	RT	Result	Units
Unknown Branched Alkane	25.59	17.6	ug/Kg
Unknown Branched Alkane	27.07	38	ug/Kg
Unknown Compound	27.32	15.3	ug/Kg
Unknown Branched Alkene	27.73	13.5	ug/Kg
Unknown Compound	27.95	20.7	ug/Kg
Unknown Branched Alkene	28.16	28.3	ug/Kg
Unknown Compound	28.39	14	ug/Kg
Unknown Compound	28.49	21.6	ug/Kg
Unknown Compound	28.73	31	ug/Kg
Unknown Aromatic	29.21	17.1	ug/Kg
		Total :	217 ug/Kg

Sample: 1107290-15

Client Sample ID: SB-3B

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Analyte	RT	Result	Units
Unknown Branched Alkene	24.32	15.5	ug/Kg
Unknown Compound	24.63	15.1	ug/Kg
Unknown Branched Alkane	25.59	15.4	ug/Kg
Unknown Branched Alkene	26.83	15.3	ug/Kg
Unknown Compound	27.10	81.4	ug/Kg
Unknown Compound	28.18	21.7	ug/Kg
Unknown Compound	28.38	15.4	ug/Kg
Unknown Cycloalkene	28.56	77.3	ug/Kg
Unknown Compound	29.22	28.2	ug/Kg
		Total :	285 ug/Kg



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Volatiles +10 - TIC Search

Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Remarks:

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Analyte	RT	Result	Units
Unknown Compound	23.18	18.5	ug/Kg
Unknown Compound	24.35	25.9	ug/Kg
Unknown Compound	24.66	41.7	ug/Kg
Unknown Compound	25.64	19.1	ug/Kg
Unknown Compound	25.90	40.5	ug/Kg
Unknown Compound	26.71	25.3	ug/Kg
Unknown Compound	26.85	15.4	ug/Kg
Unknown Aromatic	27.13	133	ug/Kg
Unknown Branched Alkane	28.19	39.6	ug/Kg
		Total :	359 ug/Kg

Sample: 1107290-17

Client Sample ID: SB-4B

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-18

Client Sample ID: SB-4C

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Analyte	RT	Result	Units
Unknown Aromatic	27.12	36.4	ug/Kg
Unknown Compound	27.72	17.1	ug/Kg
Unknown Compound	28.16	22.1	ug/Kg
Unknown Compound	29.22	18.5	ug/Kg
		Total :	94 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-19

Client Sample ID: SB-5B

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Analyte	RT	Result	Units
Unknown Compound	27.10	13.7	ug/Kg
Unknown Alcohol	28.64	25.1	ug/Kg
Unknown Compound	29.22	17.7	ug/Kg
Total :		57	ug/Kg

Sample: 1107290-20

Client Sample ID: SB-5C

Matrix: Soil

Remarks:

Analyzed Date: 7/25/2011

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Analyte	RT	Result	Units
Unknown Compound	20.61	2790	ug/Kg
Unknown Compound	21.76	5140	ug/Kg
Unknown Branched Alkene	23.11	5780	ug/Kg
Unknown Compound	24.34	2950	ug/Kg
Unknown Compound	24.97	3700	ug/Kg
Unknown Compound	25.22	2730	ug/Kg
Unknown Compound	25.61	2390	ug/Kg
Unknown Cycloalkane	26.66	9770	ug/Kg
Unknown Compound	27.10	16500	ug/Kg
Unknown Compound	27.95	5560	ug/Kg
Total :		57310	ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Remarks:

Analyzed Date: 7/26/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-22

Client Sample ID: SB-9D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:08

% Solid: 80.2%

Remarks:

Analyzed Date: 7/26/2011

Analyte	RT	Result	Units
Unknown Branched Alkene	28.63	14.1	ug/Kg
Total :		14	ug/Kg

Sample: 1107290-24

Client Sample ID: SB-10B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Remarks:

Analyzed Date: 7/23/2011

Analyte	RT	Result	Units
Unknown Branched Alkyl Benzene	24.32	15400	ug/Kg
Unknown Branched Alkyl Benzene	25.09	8250	ug/Kg
Unknown Branched Alkyl Benzene	25.24	8150	ug/Kg
Unknown Branched Alkyl Benzene	25.52	12600	ug/Kg
Unknown Branched Alkyl Benzene	26.44	10900	ug/Kg
Unknown Compound	26.97	12600	ug/Kg
Unknown Aromatic	27.24	8340	ug/Kg
Unknown Branched Alkyl Benzene	27.61	8450	ug/Kg
Unknown Aromatic	28.32	12700	ug/Kg
Unknown Branched Alkene	28.92	10200	ug/Kg
Total :		107590	ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-25

Client Sample ID: SB-10C

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 13:37

% Solid: 80.6%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Remarks:

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-27

Client Sample ID: SB-12B

Matrix: Soil

Remarks:

Analyzed Date: 7/26/2011

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Analyte	RT	Result	Units
Unknown Aromatic	24.29	12700	ug/Kg
Unknown Branched Alkyl Benzene	25.23	6510	ug/Kg
Unknown Branched Alkyl Benzene	25.48	5470	ug/Kg
Unknown Compound	26.95	10600	ug/Kg
Unknown Branched Alkyl Benzene	27.13	8610	ug/Kg
Unknown Branched Alkene	27.60	10100	ug/Kg
Unknown Branched Alkene	27.77	7730	ug/Kg
Unknown Compound	28.31	5670	ug/Kg
Unknown Compound	28.41	4890	ug/Kg
Unknown Branched Alkene	28.91	7050	ug/Kg
		Total :	79330 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-28

Client Sample ID: SB-12C

Matrix: Soil

Remarks:

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Analyte	RT	Result	Units
Unknown Aromatic	24.31	8050	ug/Kg
Unknown Branched Alkyl Benzene	25.26	6540	ug/Kg
Unknown Branched Alkyl Benzene	25.49	5540	ug/Kg
Unknown Branched Alkyl Benzene	26.59	5200	ug/Kg
Unknown Branched Alkyl Benzene	26.97	8900	ug/Kg
Unknown Branched Alkyl Benzene	27.14	8350	ug/Kg
Unknown Branched Alkene	27.78	4960	ug/Kg
Unknown Aromatic	28.32	6500	ug/Kg
Unknown Compound	28.42	4990	ug/Kg
Unknown Branched Alkene	28.93	9850	ug/Kg
		Total :	68880 ug/Kg

Sample: 1107290-29

Client Sample ID: SB-12D

Matrix: Soil

Remarks:

Analyzed Date: 7/23/2011

Type: Grab

Collected: 7/20/2011 14:13

% Solid: 81.9%

Analyte	RT	Result	Units
Unknown Aromatic	24.31	33800	ug/Kg
Unknown Branched Alkyl Benzene	25.25	17200	ug/Kg
Unknown Branched Alkyl Benzene	25.51	14400	ug/Kg
Unknown Branched Alkyl Benzene	26.97	30400	ug/Kg
Unknown Branched Alkyl Benzene	27.15	24100	ug/Kg
Unknown Branched Alkyl Benzene	27.62	31000	ug/Kg
Unknown Branched Alkene	27.79	20100	ug/Kg
Unknown Aromatic	28.33	16000	ug/Kg
Unknown Compound	28.42	15200	ug/Kg
Unknown Branched Alkene	28.93	23600	ug/Kg
		Total :	225800 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-31

Client Sample ID: SB-6B

Matrix: Soil

Remarks:

Analyzed Date: 7/29/2011

Type: Grab

Collected: 7/20/2011 11:05

% Solid: 89.9%

Analyte	RT	Result	Units
			ug/Kg
			ug/Kg
Unknown Compound	22.84	49.8	ug/Kg
Unknown Compound	23.21	65.4	ug/Kg
Unknown Branched Alkane	25.65	76.8	ug/Kg
Unknown Branched Alkane	25.92	55.4	ug/Kg
Unknown Branched Alkane	27.10	161	ug/Kg
Unknown Branched Alkyl Benzene	27.61	154	ug/Kg
Unknown Branched Alkyl Benzene	27.96	54.5	ug/Kg
Unknown Branched Alkene	28.41	44.6	ug/Kg
Unknown Compound	28.91	51	ug/Kg
Unknown Compound	29.23	36.5	ug/Kg
		Total :	749 ug/Kg

Sample: 1107290-32

Client Sample ID: SB-6C

Matrix: Soil

Remarks:

Analyzed Date: 7/28/2011

Type: Grab

Collected: 7/20/2011 11:17

% Solid: 85%

Analyte	RT	Result	Units
Unknown Branched Alkyl Benzene	27.60	23	ug/Kg
Unknown Compound	27.75	22.7	ug/Kg
		Total :	46 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Remarks:

Analyzed Date: 7/26/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-34

Client Sample ID: SB-8B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Remarks:

Analyzed Date: 7/28/2011

Analyte	RT	Result	Units
Unknown Branched Alkyl Benzene	27.59	26.3	ug/Kg
Unknown Branched Alkene	27.76	14.3	ug/Kg
Unknown Branched Alkane	28.31	13.8	ug/Kg
Unknown Aromatic	28.89	13.7	ug/Kg
Total :		68	ug/Kg

Sample: 1107290-35

Client Sample ID: SB-8C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Remarks:

Analyzed Date: 7/28/2011

Analyte	RT	Result	Units
None Detected			ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1107290-36

Client Sample ID: SB-8D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:58

% Solid: 82%

Remarks:

Analyzed Date: 7/28/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Remarks:

Analyzed Date: 7/26/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Remarks:

Analyzed Date: 7/29/2011

Analyte	RT	Result	Units
Unknown Compound	24.26	15.5	ug/Kg
Unknown Compound	27.09	36.5	ug/Kg
Unknown Branched Alkyl Benzene	27.59	17.7	ug/Kg
Unknown Alcohol	27.74	20.7	ug/Kg
Unknown Branched Alkane	28.07	31.9	ug/Kg
Unknown Compound	28.77	31.8	ug/Kg
Unknown Compound	28.89	12.9	ug/Kg
		Total :	167 ug/Kg



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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-1

Client Sample ID: SB-13B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:26

% Solid: 91.8%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2699-111	227	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2699-111	168	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2699-111	164	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2699-111	183	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2699-111	178	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2699-111	216	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2699-111	118	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2699-111	205	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2699-111	179	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2699-111	228	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2699-111	1920	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2699-111	327	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2699-111	224	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2699-111	263	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2699-111	263	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2699-111	216	19000	ug/Kg	
95-48-7	2-Methylphenol	C2699-111	195	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2699-111	284	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2699-111	166	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2699-111	168	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2699-111	263	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2699-111	93.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2699-111	2380	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2699-111	247	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2699-111	203	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2699-111	208	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2699-111	212	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2699-111	533	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2699-111	3630	ND	ug/Kg	U
83-32-9	Acenaphthene	C2699-111	229	1110	ug/Kg	J
208-96-8	Acenaphthylene	C2699-111	187	ND	ug/Kg	U
62-53-3	Aniline	C2699-111	169	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-1

Client Sample ID: SB-13B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:26

% Solid: 91.8%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2699-111	242	ND	ug/Kg	U
92-87-5	Benzidine	C2699-111	4780	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2699-111	230	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2699-111	284	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2699-111	226	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2699-111	416	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2699-111	414	ND	ug/Kg	U
65-85-0	Benzoic acid	C2699-111	31900	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2699-111	321	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2699-111	225	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2699-111	258	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2699-111	200	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2699-111	357	2020	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2699-111	288	ND	ug/Kg	U
86-74-8	Carbazole	C2699-111	314	ND	ug/Kg	U
218-01-9	Chrysene	C2699-111	288	ND	ug/Kg	U
	Cresols	C2699-111	363	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2699-111	307	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2699-111	268	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2699-111	304	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2699-111	182	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2699-111	356	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2699-111	263	ND	ug/Kg	U
206-44-0	Fluoranthene	C2699-111	300	ND	ug/Kg	U
86-73-7	Fluorene	C2699-111	219	2380	ug/Kg	J
118-74-1	Hexachlorobenzene	C2699-111	233	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2699-111	218	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2699-111	1680	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2699-111	242	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2699-111	252	ND	ug/Kg	U
78-59-1	Isophorone	C2699-111	249	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2699-111	164	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-1

Client Sample ID: SB-13B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:26

% Solid: 91.8%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2699-111	346	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2699-111	297	ND	ug/Kg	U
91-20-3	Naphthalene	C2699-111	219	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2699-111	211	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2699-111	2060	ND	ug/Kg	U
85-01-8	Phenanthrene	C2699-111	248	4030	ug/Kg	
108-95-2	Phenol	C2699-111	142	ND	ug/Kg	U
129-00-0	Pyrene	C2699-111	202	252	ug/Kg	BJ
110-86-1	Pyridine	C2699-111	312	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2699-111	41.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2699-111	46.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2699-111	46.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2699-111	66.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2699-111	46.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2699-111	49.8 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-2

Client Sample ID: SB-13C

Matrix: Soil

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Type: Grab

Collected: 7/20/2011 14:31

% Solid: 86.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-86	48.2	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-86	35.8	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-86	35.0	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-86	38.9	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-86	37.8	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-86	45.9	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-86	25.1	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-86	43.6	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-86	38.0	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-86	48.4	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-86	408	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-86	69.5	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-86	47.7	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-86	55.9	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-86	55.9	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-86	46.0	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2697-86	41.5	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-86	60.4	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-86	35.2	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-86	35.8	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-86	55.9	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-86	19.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-86	506	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-86	52.6	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-86	43.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-86	44.1	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-86	45.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-86	113	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-86	773	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-86	48.8	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-86	39.9	ND	ug/Kg	U
62-53-3	Aniline	C2697-86	36.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-2

Client Sample ID: SB-13C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:31

% Solid: 86.3%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-86	51.6	ND	ug/Kg	U
92-87-5	Benzidine	C2697-86	1020	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-86	49.0	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2697-86	60.4	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-86	48.1	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-86	88.5	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-86	88.2	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-86	6790	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-86	68.4	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-86	48.0	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-86	54.8	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-86	42.5	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-86	75.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2697-86	61.2	ND	ug/Kg	U
86-74-8	Carbazole	C2697-86	66.7	ND	ug/Kg	U
218-01-9	Chrysene	C2697-86	61.3	ND	ug/Kg	U
	Cresols	C2697-86	77.3	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-86	65.2	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-86	57.0	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-86	64.7	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-86	38.7	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-86	75.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-86	56.0	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-86	63.8	ND	ug/Kg	U
86-73-7	Fluorene	C2697-86	46.6	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-86	49.6	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-86	46.3	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-86	358	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-86	51.6	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-86	53.5	ND	ug/Kg	U
78-59-1	Isophorone	C2697-86	53.0	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-86	35.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-2

Client Sample ID: SB-13C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:31

% Solid: 86.3%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-86	73.6	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-86	63.2	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-86	46.6	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-86	44.8	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-86	439	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-86	52.7	ND	ug/Kg	U
108-95-2	Phenol	C2697-86	30.2	ND	ug/Kg	U
129-00-0	Pyrene	C2697-86	42.9	ND	ug/Kg	U
110-86-1	Pyridine	C2697-86	66.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-86	44.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-86	37.8 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-86	38.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-86	38.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-86	38.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-86	53.1 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-3

Client Sample ID: SB-14B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:54

% Solid: 90.9%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-87	45.8	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-87	34.0	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-87	33.2	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-87	37.0	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-87	35.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-87	43.6	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-87	23.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-87	41.4	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-87	36.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-87	46.0	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-87	387	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-87	66.0	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-87	45.3	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-87	53.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-87	53.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-87	43.7	566	ug/Kg	
95-48-7	2-Methylphenol	C2697-87	39.4	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-87	57.3	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-87	33.4	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-87	34.0	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-87	53.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-87	18.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-87	481	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-87	49.9	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-87	41.0	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-87	41.9	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-87	42.8	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-87	108	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-87	734	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-87	46.3	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-87	37.8	ND	ug/Kg	U
62-53-3	Aniline	C2697-87	34.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-3

Client Sample ID: SB-14B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:54

% Solid: 90.9%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-87	49.0	ND	ug/Kg	U
92-87-5	Benzidine	C2697-87	966	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-87	46.5	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2697-87	57.3	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-87	45.7	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-87	84.0	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-87	83.7	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-87	6450	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-87	64.9	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-87	45.5	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-87	52.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-87	40.4	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-87	72.1	430	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2697-87	58.1	ND	ug/Kg	U
86-74-8	Carbazole	C2697-87	63.4	ND	ug/Kg	U
218-01-9	Chrysene	C2697-87	58.2	ND	ug/Kg	U
	Cresols	C2697-87	73.4	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-87	61.9	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-87	54.1	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-87	61.4	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-87	36.7	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-87	71.9	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-87	53.1	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-87	60.6	ND	ug/Kg	U
86-73-7	Fluorene	C2697-87	44.2	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-87	47.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-87	44.0	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-87	340	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-87	49.0	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-87	50.8	ND	ug/Kg	U
78-59-1	Isophorone	C2697-87	50.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-87	33.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-3**

Client Sample ID: SB-14B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:54

% Solid: 90.9%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-87	69.9	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-87	60.0	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-87	44.2	215	ug/Kg	J
98-95-3	Nitrobenzene	C2697-87	42.6	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-87	417	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-87	50.1	ND	ug/Kg	U
108-95-2	Phenol	C2697-87	28.7	ND	ug/Kg	U
129-00-0	Pyrene	C2697-87	40.7	ND	ug/Kg	U
110-86-1	Pyridine	C2697-87	63.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-87	37.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-87	41.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-87	41.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-87	42.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-87	41.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-87	53.3 %	(18 - 137)	



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-4

Client Sample ID: SB-14C

Matrix: Soil

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-88	48.7	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-88	36.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-88	35.4	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-88	39.3	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-88	38.2	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-88	46.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-88	25.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-88	44.0	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-88	38.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-88	48.9	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-88	412	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-88	70.3	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-88	48.2	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-88	56.4	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-88	56.4	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2699-112	465	86700	ug/Kg	
95-48-7	2-Methylphenol	C2697-88	41.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-88	61.0	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-88	35.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-88	36.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-88	56.4	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-88	20.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-88	512	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-88	53.2	123	ug/Kg	J
59-50-7	4-Chloro-3-methylphenol	C2697-88	43.7	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-88	44.6	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-88	45.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-88	115	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-88	781	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-88	49.3	4200	ug/Kg	
208-96-8	Acenaphthylene	C2697-88	40.3	ND	ug/Kg	U
62-53-3	Aniline	C2697-88	36.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-4

Client Sample ID: SB-14C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-88	52.1	ND	ug/Kg	U
92-87-5	Benzidine	C2697-88	1030	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-88	49.5	71.8	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2697-88	61.0	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-88	48.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-88	89.5	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-88	89.1	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-88	6860	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-88	69.1	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-88	48.5	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-88	55.4	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-88	43.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-88	76.7	199	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2697-88	61.8	ND	ug/Kg	U
86-74-8	Carbazole	C2697-88	67.4	ND	ug/Kg	U
218-01-9	Chrysene	C2697-88	61.9	118	ug/Kg	J
	Cresols	C2697-88	78.1	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-88	65.9	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-88	57.6	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-88	65.3	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-88	39.1	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-88	76.6	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-88	56.6	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-88	64.5	955	ug/Kg	
86-73-7	Fluorene	C2697-88	47.1	3120	ug/Kg	
118-74-1	Hexachlorobenzene	C2697-88	50.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-88	46.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-88	362	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-88	52.1	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-88	54.1	ND	ug/Kg	U
78-59-1	Isophorone	C2697-88	53.5	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-88	35.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-4**

Client Sample ID: SB-14C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-88	74.4	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-88	63.8	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-88	47.1	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-88	45.3	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-88	444	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-88	53.3	14300	ug/Kg	E
108-95-2	Phenol	C2697-88	30.6	ND	ug/Kg	U
129-00-0	Pyrene	C2697-88	43.3	1170	ug/Kg	B
110-86-1	Pyridine	C2697-88	67.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-88	10.8 %	(19 - 122)	D
321-60-8	2-FLUOROBIPHENYL	C2697-88	55.8 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-88	53.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-88	105.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-88	55.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-88	60.9 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-89	125	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-89	93.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-89	91.0	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-89	101	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-89	98.2	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-89	119	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-89	65.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-89	113	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-89	98.8	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-89	126	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-89	1060	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-89	181	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-89	124	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-89	145	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-89	145	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-89	120	424	ug/Kg	J
95-48-7	2-Methylphenol	C2697-89	108	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-89	157	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-89	91.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-89	93.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-89	145	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-89	51.8	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-89	1320	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-89	137	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-89	112	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-89	115	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-89	117	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-89	295	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-89	2010	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-89	127	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-89	104	ND	ug/Kg	U
62-53-3	Aniline	C2697-89	93.7	ND	ug/Kg	U



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-89	134	ND	ug/Kg	U
92-87-5	Benzidine	C2697-89	2640	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-89	127	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2697-89	157	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-89	125	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-89	230	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-89	229	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-89	17700	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-89	178	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-89	125	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-89	142	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-89	111	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-89	197	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2697-89	159	ND	ug/Kg	U
86-74-8	Carbazole	C2697-89	173	ND	ug/Kg	U
218-01-9	Chrysene	C2697-89	159	ND	ug/Kg	U
	Cresols	C2697-89	201	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-89	170	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-89	148	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-89	168	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-89	101	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-89	197	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-89	145	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-89	166	ND	ug/Kg	U
86-73-7	Fluorene	C2697-89	121	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-89	129	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-89	120	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-89	931	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-89	134	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-89	139	ND	ug/Kg	U
78-59-1	Isophorone	C2697-89	138	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-89	91.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-7**

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-89	191	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-89	164	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-89	121	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-89	117	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-89	1140	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-89	137	ND	ug/Kg	U
108-95-2	Phenol	C2697-89	78.6	ND	ug/Kg	U
129-00-0	Pyrene	C2697-89	111	ND	ug/Kg	U
110-86-1	Pyridine	C2697-89	173	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-89	31.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-89	29.2 %	(30 - 115)	D
367-12-4	2-FLUOROPHENOL	C2697-89	32.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-89	31.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-89	31.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-89	35.3 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-11

Client Sample ID: SB-1B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:10

% Solid: 83.3%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-90	49.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-90	37.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-90	36.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-90	40.3	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-90	39.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-90	47.5	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-90	26.1	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-90	45.1	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-90	39.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-90	50.2	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-90	423	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-90	72.0	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-90	49.5	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-90	57.9	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-90	57.9	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-90	47.7	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2697-90	43.0	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-90	62.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-90	36.5	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-90	37.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-90	57.9	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-90	20.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-90	525	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-90	54.5	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-90	44.8	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-90	45.7	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-90	46.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-90	117	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-90	801	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-90	50.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-90	41.3	ND	ug/Kg	U
62-53-3	Aniline	C2697-90	37.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-11

Client Sample ID: SB-1B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:10

% Solid: 83.3%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-90	53.4	ND	ug/Kg	U
92-87-5	Benzidine	C2697-90	1050	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-90	50.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2697-90	62.5	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-90	49.8	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-90	91.7	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-90	91.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-90	7030	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-90	70.8	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-90	49.7	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-90	56.8	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-90	44.1	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-90	78.6	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2697-90	63.4	ND	ug/Kg	U
86-74-8	Carbazole	C2697-90	69.1	ND	ug/Kg	U
218-01-9	Chrysene	C2697-90	63.5	ND	ug/Kg	U
	Cresols	C2697-90	80.1	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-90	67.6	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-90	59.1	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-90	67.0	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-90	40.1	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-90	78.5	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-90	58.0	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-90	66.1	ND	ug/Kg	U
86-73-7	Fluorene	C2697-90	48.3	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-90	51.4	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-90	48.0	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-90	371	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-90	53.4	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-90	55.5	ND	ug/Kg	U
78-59-1	Isophorone	C2697-90	54.9	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-90	36.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-11

Client Sample ID: SB-1B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:10

% Solid: 83.3%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-90	76.2	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-90	65.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-90	48.3	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-90	46.5	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-90	455	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-90	54.6	ND	ug/Kg	U
108-95-2	Phenol	C2697-90	31.3	ND	ug/Kg	U
129-00-0	Pyrene	C2697-90	44.4	ND	ug/Kg	U
110-86-1	Pyridine	C2697-90	68.8	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-90	55.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-90	50.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-90	54.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-90	50.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-90	55.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-90	63.5 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-12

Client Sample ID: SB-1C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-91	53.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-91	39.8	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-91	38.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-91	43.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-91	42.0	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-91	51.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-91	27.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-91	48.4	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-91	42.2	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-91	53.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-91	453	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-91	77.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-91	53.0	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-91	62.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-91	62.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-91	51.1	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2697-91	46.1	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-91	67.1	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-91	39.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-91	39.8	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-91	62.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-91	22.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-91	562	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-91	58.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-91	48.0	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-91	49.0	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-91	50.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-91	126	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-91	858	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-91	54.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-91	44.3	ND	ug/Kg	U
62-53-3	Aniline	C2697-91	40.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-12

Client Sample ID: SB-1C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-91	57.3	ND	ug/Kg	U
92-87-5	Benzidine	C2697-91	1130	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-91	54.4	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2697-91	67.1	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-91	53.4	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-91	98.3	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-91	97.9	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-91	7540	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-91	75.9	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-91	53.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-91	60.9	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-91	47.2	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-91	84.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2697-91	68.0	ND	ug/Kg	U
86-74-8	Carbazole	C2697-91	74.1	ND	ug/Kg	U
218-01-9	Chrysene	C2697-91	68.1	ND	ug/Kg	U
	Cresols	C2697-91	85.9	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-91	72.5	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-91	63.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-91	71.8	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-91	43.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-91	84.2	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-91	62.2	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-91	70.9	ND	ug/Kg	U
86-73-7	Fluorene	C2697-91	51.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-91	55.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-91	51.5	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-91	398	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-91	57.3	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-91	59.5	ND	ug/Kg	U
78-59-1	Isophorone	C2697-91	58.8	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-91	38.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-12**

Client Sample ID: SB-1C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-91	81.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-91	70.1	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-91	51.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-91	49.8	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-91	488	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-91	58.6	ND	ug/Kg	U
108-95-2	Phenol	C2697-91	33.6	ND	ug/Kg	U
129-00-0	Pyrene	C2697-91	47.6	ND	ug/Kg	U
110-86-1	Pyridine	C2697-91	73.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-91	48.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-91	31.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-91	36.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-91	35.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-91	35.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-91	66.7 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-13

Client Sample ID: SB-2B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-92	98.6	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-92	73.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-92	71.6	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-92	79.6	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-92	77.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-92	93.8	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-92	51.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-92	89.1	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-92	77.7	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-92	99.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-92	834	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-92	142	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-92	97.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-92	114	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-92	114	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-92	94.1	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2697-92	84.8	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-92	123	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-92	72.0	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-92	73.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-92	114	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-92	40.8	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-92	1040	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-92	108	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-92	88.4	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-92	90.3	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-92	92.2	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-92	232	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-92	1580	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-92	99.8	104	ug/Kg	J
208-96-8	Acenaphthylene	C2697-92	81.5	ND	ug/Kg	U
62-53-3	Aniline	C2697-92	73.7	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-13**

Client Sample ID: SB-2B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-92	105	ND	ug/Kg	U
92-87-5	Benzidine	C2697-92	2080	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-92	100	160	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2697-92	123	178	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2697-92	98.3	182	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2697-92	181	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-92	180	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-92	13900	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-92	140	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-92	98.1	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-92	112	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-92	87.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-92	155	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2697-92	125	ND	ug/Kg	U
86-74-8	Carbazole	C2697-92	136	ND	ug/Kg	U
218-01-9	Chrysene	C2697-92	125	211	ug/Kg	J
	Cresols	C2697-92	158	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-92	133	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-92	117	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-92	132	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-92	79.1	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-92	155	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-92	114	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-92	131	344	ug/Kg	J
86-73-7	Fluorene	C2697-92	95.3	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-92	101	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-92	94.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-92	732	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-92	105	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-92	109	113	ug/Kg	J
78-59-1	Isophorone	C2697-92	108	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-92	71.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-13**

Client Sample ID: SB-2B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-92	150	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-92	129	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-92	95.3	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-92	91.7	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-92	898	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-92	108	ND	ug/Kg	U
108-95-2	Phenol	C2697-92	61.8	ND	ug/Kg	U
129-00-0	Pyrene	C2697-92	87.7	347	ug/Kg	BJ
110-86-1	Pyridine	C2697-92	136	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-92	60.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-92	44.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-92	49.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-92	48.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-92	47.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-92	69.3 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-14

Client Sample ID: SB-2C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:35

% Solid: 87.6%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-93	47.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-93	35.3	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-93	34.5	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-93	38.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-93	37.2	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-93	45.2	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-93	24.8	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-93	42.9	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-93	37.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-93	47.7	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-93	402	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-93	68.5	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-93	47.0	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-93	55.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-93	55.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-93	45.3	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2697-93	40.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-93	59.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-93	34.7	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-93	35.3	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-93	55.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-93	19.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-93	499	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-93	51.8	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-93	42.6	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-93	43.5	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-93	44.4	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-93	112	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-93	761	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-93	48.1	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-93	39.3	ND	ug/Kg	U
62-53-3	Aniline	C2697-93	35.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-14

Client Sample ID: SB-2C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:35

% Solid: 87.6%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-93	50.8	ND	ug/Kg	U
92-87-5	Benzidine	C2697-93	1000	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-93	48.3	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2697-93	59.5	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-93	47.4	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-93	87.2	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-93	86.9	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-93	6690	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-93	67.4	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-93	47.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-93	54.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-93	41.9	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-93	74.8	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2697-93	60.3	ND	ug/Kg	U
86-74-8	Carbazole	C2697-93	65.8	ND	ug/Kg	U
218-01-9	Chrysene	C2697-93	60.4	ND	ug/Kg	U
	Cresols	C2697-93	76.2	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-93	64.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-93	56.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-93	63.7	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-93	38.1	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-93	74.7	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-93	55.1	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-93	62.9	ND	ug/Kg	U
86-73-7	Fluorene	C2697-93	45.9	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-93	48.9	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-93	45.7	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-93	353	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-93	50.8	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-93	52.7	ND	ug/Kg	U
78-59-1	Isophorone	C2697-93	52.2	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-93	34.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-14**

Client Sample ID: SB-2C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:35

% Solid: 87.6%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-93	72.5	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-93	62.2	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-93	45.9	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-93	44.2	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-93	433	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-93	51.9	ND	ug/Kg	U
108-95-2	Phenol	C2697-93	29.8	ND	ug/Kg	U
129-00-0	Pyrene	C2697-93	42.2	ND	ug/Kg	U
110-86-1	Pyridine	C2697-93	65.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-93	34.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-93	32.8 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-93	34.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-93	34.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-93	33.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-93	45.0 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-15

Client Sample ID: SB-3B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-94	46.7	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-94	34.7	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-94	33.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-94	37.7	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-94	36.6	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-94	44.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-94	24.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-94	42.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-94	36.8	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-94	46.9	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-94	395	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-94	67.3	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-94	46.2	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-94	54.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-94	54.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-94	44.6	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2697-94	40.2	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-94	58.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-94	34.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-94	34.7	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-94	54.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-94	19.3	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-94	490	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-94	51.0	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-94	41.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-94	42.8	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-94	43.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-94	110	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-94	749	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-94	47.3	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-94	38.6	ND	ug/Kg	U
62-53-3	Aniline	C2697-94	34.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-15

Client Sample ID: SB-3B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-94	49.9	ND	ug/Kg	U
92-87-5	Benzidine	C2697-94	985	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2697-94	47.5	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2697-94	58.5	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2697-94	46.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2697-94	85.7	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2697-94	85.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2697-94	6580	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2697-94	66.2	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2697-94	46.5	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2697-94	53.1	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2697-94	41.2	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2697-94	73.5	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2697-94	59.3	ND	ug/Kg	U
86-74-8	Carbazole	C2697-94	64.6	ND	ug/Kg	U
218-01-9	Chrysene	C2697-94	59.4	ND	ug/Kg	U
	Cresols	C2697-94	74.9	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2697-94	63.2	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2697-94	55.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2697-94	62.6	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2697-94	37.5	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2697-94	73.4	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2697-94	54.2	ND	ug/Kg	U
206-44-0	Fluoranthene	C2697-94	61.8	ND	ug/Kg	U
86-73-7	Fluorene	C2697-94	45.1	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2697-94	48.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2697-94	44.9	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2697-94	347	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2697-94	49.9	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2697-94	51.9	ND	ug/Kg	U
78-59-1	Isophorone	C2697-94	51.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2697-94	33.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-15**

Client Sample ID: SB-3B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-94	71.3	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-94	61.2	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-94	45.1	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-94	43.4	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-94	425	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-94	51.1	ND	ug/Kg	U
108-95-2	Phenol	C2697-94	29.3	ND	ug/Kg	U
129-00-0	Pyrene	C2697-94	41.5	164	ug/Kg	BJ
110-86-1	Pyridine	C2697-94	64.3	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-94	51.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-94	44.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-94	38.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-94	41.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-94	41.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-94	64.3 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2697-96	48.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2697-96	36.4	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2697-96	35.5	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2697-96	39.5	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2697-96	38.4	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2697-96	46.6	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2697-96	25.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2697-96	44.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2697-96	38.6	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2697-96	49.2	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2697-96	414	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2697-96	70.6	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2697-96	48.5	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2697-96	56.7	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2697-96	56.7	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2697-96	46.7	94.6	ug/Kg	J
95-48-7	2-Methylphenol	C2697-96	42.1	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2697-96	61.3	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2697-96	35.8	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2697-96	36.4	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2697-96	56.7	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2697-96	20.2	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2697-96	514	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2697-96	53.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2697-96	43.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2697-96	44.8	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2697-96	45.8	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2697-96	115	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2697-96	785	ND	ug/Kg	U
83-32-9	Acenaphthene	C2697-96	49.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2697-96	40.5	ND	ug/Kg	U
62-53-3	Aniline	C2697-96	36.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2697-96	52.4	ND	ug/Kg	U
92-87-5	Benzidine	C2697-96	1030	ND	ug/Kg	U

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Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2697-96	74.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2697-96	64.1	ND	ug/Kg	U
91-20-3	Naphthalene	C2697-96	47.3	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2697-96	45.5	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2697-96	446	ND	ug/Kg	U
85-01-8	Phenanthrene	C2697-96	53.5	ND	ug/Kg	U
108-95-2	Phenol	C2697-96	30.7	ND	ug/Kg	U
129-00-0	Pyrene	C2697-96	43.5	366	ug/Kg	BJ
110-86-1	Pyridine	C2697-96	67.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2697-96	45.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2697-96	51.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2697-96	47.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2697-96	49.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2697-96	49.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2697-96	59.5 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-17

Client Sample ID: SB-4B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2699-114	194	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2699-114	144	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2699-114	141	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2699-114	157	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2699-114	152	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2699-114	185	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2699-114	101	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2699-114	176	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2699-114	153	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2699-114	195	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2699-114	1640	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2699-114	280	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2699-114	193	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2699-114	225	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2699-114	225	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2699-114	186	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2699-114	167	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2699-114	243	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2699-114	142	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2699-114	144	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2699-114	225	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2699-114	80.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2699-114	2040	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2699-114	212	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2699-114	174	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2699-114	178	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2699-114	182	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2699-114	457	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2699-114	3120	ND	ug/Kg	U
83-32-9	Acenaphthene	C2699-114	197	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2699-114	161	ND	ug/Kg	U
62-53-3	Aniline	C2699-114	145	ND	ug/Kg	U



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-17

Client Sample ID: SB-4B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2699-114	208	ND	ug/Kg	U
92-87-5	Benzidine	C2699-114	4100	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2699-114	198	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2699-114	243	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2699-114	194	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2699-114	357	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2699-114	356	ND	ug/Kg	U
65-85-0	Benzoic acid	C2699-114	27400	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2699-114	276	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2699-114	193	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2699-114	221	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2699-114	171	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2699-114	306	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2699-114	247	ND	ug/Kg	U
86-74-8	Carbazole	C2699-114	269	ND	ug/Kg	U
218-01-9	Chrysene	C2699-114	247	ND	ug/Kg	U
	Cresols	C2699-114	311	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2699-114	263	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2699-114	230	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2699-114	261	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2699-114	156	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2699-114	306	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2699-114	226	ND	ug/Kg	U
206-44-0	Fluoranthene	C2699-114	257	ND	ug/Kg	U
86-73-7	Fluorene	C2699-114	188	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2699-114	200	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2699-114	187	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2699-114	1440	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2699-114	208	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2699-114	216	ND	ug/Kg	U
78-59-1	Isophorone	C2699-114	214	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2699-114	141	ND	ug/Kg	U



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-17**

Client Sample ID: SB-4B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2699-114	297	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2699-114	255	ND	ug/Kg	U
91-20-3	Naphthalene	C2699-114	188	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2699-114	181	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2699-114	1770	ND	ug/Kg	U
85-01-8	Phenanthrene	C2699-114	213	ND	ug/Kg	U
108-95-2	Phenol	C2699-114	122	ND	ug/Kg	U
129-00-0	Pyrene	C2699-114	173	225	ug/Kg	BJ
110-86-1	Pyridine	C2699-114	268	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2699-114	38.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2699-114	39.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2699-114	35.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2699-114	38.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2699-114	36.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2699-114	46.1 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-18

Client Sample ID: SB-4C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2699-115	204	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2699-115	151	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2699-115	148	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2699-115	165	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2699-115	160	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2699-115	194	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2699-115	106	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2699-115	184	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2699-115	161	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2699-115	205	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2699-115	1730	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2699-115	294	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2699-115	202	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2699-115	236	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2699-115	236	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2699-115	195	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2699-115	175	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2699-115	255	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2699-115	149	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2699-115	151	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2699-115	236	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2699-115	84.3	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2699-115	2140	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2699-115	223	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2699-115	183	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2699-115	187	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2699-115	191	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2699-115	479	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2699-115	3270	ND	ug/Kg	U
83-32-9	Acenaphthene	C2699-115	206	438	ug/Kg	J
208-96-8	Acenaphthylene	C2699-115	169	ND	ug/Kg	U
62-53-3	Aniline	C2699-115	152	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-18

Client Sample ID: SB-4C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2699-115	218	ND	ug/Kg	U
92-87-5	Benzidine	C2699-115	4300	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2699-115	207	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2699-115	255	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2699-115	203	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2699-115	375	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2699-115	373	ND	ug/Kg	U
65-85-0	Benzoic acid	C2699-115	28700	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2699-115	289	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2699-115	203	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2699-115	232	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2699-115	180	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2699-115	321	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2699-115	259	ND	ug/Kg	U
86-74-8	Carbazole	C2699-115	282	ND	ug/Kg	U
218-01-9	Chrysene	C2699-115	259	ND	ug/Kg	U
	Cresols	C2699-115	326	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2699-115	276	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2699-115	241	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2699-115	274	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2699-115	164	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2699-115	321	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2699-115	237	ND	ug/Kg	U
206-44-0	Fluoranthene	C2699-115	270	ND	ug/Kg	U
86-73-7	Fluorene	C2699-115	197	471	ug/Kg	J
118-74-1	Hexachlorobenzene	C2699-115	210	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2699-115	196	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2699-115	1510	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2699-115	218	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2699-115	226	ND	ug/Kg	U
78-59-1	Isophorone	C2699-115	224	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2699-115	148	ND	ug/Kg	U



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-18**

Client Sample ID: SB-4C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2699-115	311	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2699-115	267	ND	ug/Kg	U
91-20-3	Naphthalene	C2699-115	197	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2699-115	190	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2699-115	1860	ND	ug/Kg	U
85-01-8	Phenanthrene	C2699-115	223	ND	ug/Kg	U
108-95-2	Phenol	C2699-115	128	ND	ug/Kg	U
129-00-0	Pyrene	C2699-115	181	ND	ug/Kg	U
110-86-1	Pyridine	C2699-115	281	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2699-115	27.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2699-115	36.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2699-115	40.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2699-115	42.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2699-115	37.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2699-115	39.6 %	(18 - 137)	



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-19

Client Sample ID: SB-5B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2701-168	185	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2701-168	137	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2701-168	134	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2701-168	149	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2701-168	145	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2701-168	176	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2701-168	96.3	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2701-168	167	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2701-168	146	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2701-168	186	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2701-168	1560	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2701-168	266	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2701-168	183	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2701-168	214	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2701-168	214	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-168	176	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2701-168	159	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2701-168	231	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2701-168	135	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2701-168	137	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2701-168	214	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2701-168	76.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2701-168	1940	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2701-168	202	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2701-168	166	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2701-168	169	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2701-168	173	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2701-168	434	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2701-168	2960	ND	ug/Kg	U
83-32-9	Acenaphthene	C2701-168	187	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2701-168	153	ND	ug/Kg	U
62-53-3	Aniline	C2701-168	138	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-19

Client Sample ID: SB-5B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2701-168	198	ND	ug/Kg	U
92-87-5	Benzidine	C2701-168	3900	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2701-168	188	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2701-168	231	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2701-168	184	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2701-168	339	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2701-168	338	ND	ug/Kg	U
65-85-0	Benzoic acid	C2701-168	26000	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2701-168	262	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2701-168	184	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2701-168	210	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2701-168	163	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2701-168	291	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2701-168	234	ND	ug/Kg	U
86-74-8	Carbazole	C2701-168	256	ND	ug/Kg	U
218-01-9	Chrysene	C2701-168	235	ND	ug/Kg	U
	Cresols	C2701-168	296	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2701-168	250	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2701-168	218	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2701-168	248	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2701-168	148	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2701-168	290	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2701-168	214	ND	ug/Kg	U
206-44-0	Fluoranthene	C2701-168	245	ND	ug/Kg	U
86-73-7	Fluorene	C2701-168	178	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2701-168	190	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2701-168	178	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2701-168	1370	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2701-168	198	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2701-168	205	ND	ug/Kg	U
78-59-1	Isophorone	C2701-168	203	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2701-168	134	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-19**

Client Sample ID: SB-5B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2701-168	282	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2701-168	242	ND	ug/Kg	U
91-20-3	Naphthalene	C2701-168	178	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2701-168	172	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2701-168	1680	ND	ug/Kg	U
85-01-8	Phenanthrene	C2701-168	202	ND	ug/Kg	U
108-95-2	Phenol	C2701-168	116	ND	ug/Kg	U
129-00-0	Pyrene	C2701-168	164	ND	ug/Kg	U
110-86-1	Pyridine	C2701-168	254	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2701-168	24.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2701-168	40.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2701-168	42.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2701-168	43.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2701-168	41.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2701-168	45.6 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-20

Client Sample ID: SB-5C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2699-117	195	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2699-117	145	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2699-117	142	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2699-117	158	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2699-117	153	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2699-117	186	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2699-117	102	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2699-117	176	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2699-117	154	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2699-117	196	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2699-117	1650	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2699-117	281	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2699-117	193	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2699-117	226	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2699-117	226	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2699-117	186	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2699-117	168	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2699-117	244	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2699-117	143	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2699-117	145	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2699-117	226	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2699-117	80.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2699-117	2050	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2699-117	213	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2699-117	175	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2699-117	179	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2699-117	182	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2699-117	459	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2699-117	3130	ND	ug/Kg	U
83-32-9	Acenaphthene	C2699-117	197	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2699-117	161	ND	ug/Kg	U
62-53-3	Aniline	C2699-117	146	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-20

Client Sample ID: SB-5C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2699-117	209	ND	ug/Kg	U
92-87-5	Benzidine	C2699-117	4120	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2699-117	198	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2699-117	244	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2699-117	195	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2699-117	358	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2699-117	357	ND	ug/Kg	U
65-85-0	Benzoic acid	C2699-117	27500	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2699-117	277	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2699-117	194	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2699-117	222	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2699-117	172	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2699-117	307	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2699-117	248	ND	ug/Kg	U
86-74-8	Carbazole	C2699-117	270	ND	ug/Kg	U
218-01-9	Chrysene	C2699-117	248	ND	ug/Kg	U
	Cresols	C2699-117	313	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2699-117	264	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2699-117	231	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2699-117	262	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2699-117	157	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2699-117	307	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2699-117	226	ND	ug/Kg	U
206-44-0	Fluoranthene	C2699-117	258	ND	ug/Kg	U
86-73-7	Fluorene	C2699-117	189	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2699-117	201	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2699-117	188	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2699-117	1450	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2699-117	209	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2699-117	217	ND	ug/Kg	U
78-59-1	Isophorone	C2699-117	214	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2699-117	142	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-20**

Client Sample ID: SB-5C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2699-117	298	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2699-117	256	ND	ug/Kg	U
91-20-3	Naphthalene	C2699-117	189	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2699-117	181	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2699-117	1780	ND	ug/Kg	U
85-01-8	Phenanthrene	C2699-117	213	ND	ug/Kg	U
108-95-2	Phenol	C2699-117	122	ND	ug/Kg	U
129-00-0	Pyrene	C2699-117	174	464	ug/Kg	BJ
110-86-1	Pyridine	C2699-117	269	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2699-117	39.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2699-117	44.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2699-117	37.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2699-117	41.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2699-117	39.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2699-117	50.9 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-136	53.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-136	39.8	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-136	38.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-136	43.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-136	42.0	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-136	51.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-136	27.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-136	48.4	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-136	42.2	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-136	53.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-136	453	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-136	77.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-136	53.0	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-136	62.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-136	62.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-136	51.1	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2700-136	46.1	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-136	67.1	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-136	39.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-136	39.8	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-136	62.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-136	22.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-136	562	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-136	58.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-136	48.0	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-136	49.0	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-136	50.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-136	126	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-136	858	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-136	54.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2700-136	44.3	ND	ug/Kg	U
62-53-3	Aniline	C2700-136	40.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-136	57.3	ND	ug/Kg	U
92-87-5	Benzidine	C2700-136	1130	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-136	54.4	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-136	67.1	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-136	53.4	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-136	98.3	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-136	97.9	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-136	7540	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-136	75.9	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-136	53.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-136	60.9	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-136	47.2	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-136	84.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-136	68.0	ND	ug/Kg	U
86-74-8	Carbazole	C2700-136	74.1	ND	ug/Kg	U
218-01-9	Chrysene	C2700-136	68.1	ND	ug/Kg	U
	Cresols	C2700-136	85.9	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-136	72.5	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-136	63.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-136	71.8	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-136	43.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-136	84.2	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-136	62.2	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-136	70.9	ND	ug/Kg	U
86-73-7	Fluorene	C2700-136	51.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2700-136	55.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-136	51.5	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-136	398	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-136	57.3	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-136	59.5	ND	ug/Kg	U
78-59-1	Isophorone	C2700-136	58.8	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-136	38.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-136	81.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-136	70.1	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-136	51.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-136	49.8	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-136	488	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-136	58.6	ND	ug/Kg	U
108-95-2	Phenol	C2700-136	33.6	ND	ug/Kg	U
129-00-0	Pyrene	C2700-136	47.6	ND	ug/Kg	U
110-86-1	Pyridine	C2700-136	73.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-136	56.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-136	49.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-136	52.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-136	49.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-136	51.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-136	64.6 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-22

Client Sample ID: SB-9D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:08

% Solid: 80.2%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-137	51.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-137	38.5	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-137	37.7	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-137	41.9	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-137	40.6	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-137	49.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-137	27.1	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-137	46.9	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-137	40.9	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-137	52.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-137	439	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-137	74.8	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-137	51.4	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-137	60.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-137	60.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-137	49.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2700-137	44.6	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-137	65.0	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-137	37.9	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-137	38.5	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-137	60.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-137	21.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-137	545	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-137	56.6	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-137	46.5	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-137	47.5	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-137	48.5	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-137	122	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-137	832	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-137	52.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2700-137	42.9	ND	ug/Kg	U
62-53-3	Aniline	C2700-137	38.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-22

Client Sample ID: SB-9D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:08

% Solid: 80.2%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-137	55.5	ND	ug/Kg	U
92-87-5	Benzidine	C2700-137	1090	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-137	52.7	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-137	65.0	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-137	51.7	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-137	95.3	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-137	94.9	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-137	7310	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-137	73.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-137	51.6	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-137	59.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-137	45.8	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-137	81.7	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-137	65.8	ND	ug/Kg	U
86-74-8	Carbazole	C2700-137	71.8	ND	ug/Kg	U
218-01-9	Chrysene	C2700-137	66.0	ND	ug/Kg	U
	Cresols	C2700-137	83.1	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-137	70.2	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-137	61.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-137	69.6	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-137	41.6	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-137	81.5	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-137	60.2	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-137	68.7	ND	ug/Kg	U
86-73-7	Fluorene	C2700-137	50.1	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2700-137	53.4	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-137	49.9	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-137	385	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-137	55.5	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-137	57.6	ND	ug/Kg	U
78-59-1	Isophorone	C2700-137	57.0	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-137	37.7	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-22**

Client Sample ID: SB-9D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:08

% Solid: 80.2%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-137	79.2	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-137	68.0	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-137	50.1	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-137	48.3	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-137	473	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-137	56.7	ND	ug/Kg	U
108-95-2	Phenol	C2700-137	32.5	ND	ug/Kg	U
129-00-0	Pyrene	C2700-137	46.1	ND	ug/Kg	U
110-86-1	Pyridine	C2700-137	71.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-137	51.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-137	48.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-137	52.9 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-137	50.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-137	52.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-137	58.8 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-24

Client Sample ID: SB-10B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-138	179	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-138	133	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-138	130	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-138	145	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-138	140	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-138	171	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-138	93.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-138	162	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-138	141	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-138	180	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-138	1520	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-138	258	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-138	177	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-138	208	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-138	208	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-138	171	5300	ug/Kg	
95-48-7	2-Methylphenol	C2700-138	154	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-138	224	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-138	131	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-138	133	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-138	208	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-138	74.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-138	1880	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-138	195	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-138	161	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-138	164	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-138	167	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-138	421	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-138	2870	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-138	181	560	ug/Kg	J
208-96-8	Acenaphthylene	C2700-138	148	ND	ug/Kg	U
62-53-3	Aniline	C2700-138	134	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-24

Client Sample ID: SB-10B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-138	192	ND	ug/Kg	U
92-87-5	Benzidine	C2700-138	3780	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-138	182	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-138	224	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-138	179	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-138	329	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-138	328	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-138	25200	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-138	254	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-138	178	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-138	204	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-138	158	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-138	282	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-138	227	ND	ug/Kg	U
86-74-8	Carbazole	C2700-138	248	ND	ug/Kg	U
218-01-9	Chrysene	C2700-138	228	ND	ug/Kg	U
	Cresols	C2700-138	287	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-138	242	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-138	212	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-138	240	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-138	144	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-138	282	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-138	208	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-138	237	ND	ug/Kg	U
86-73-7	Fluorene	C2700-138	173	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2700-138	184	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-138	172	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-138	1330	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-138	192	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-138	199	ND	ug/Kg	U
78-59-1	Isophorone	C2700-138	197	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-138	130	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-24**

Client Sample ID: SB-10B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-138	273	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-138	235	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-138	173	2480	ug/Kg	
98-95-3	Nitrobenzene	C2700-138	167	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-138	1630	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-138	196	2110	ug/Kg	J
108-95-2	Phenol	C2700-138	112	ND	ug/Kg	U
129-00-0	Pyrene	C2700-138	159	ND	ug/Kg	U
110-86-1	Pyridine	C2700-138	247	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-138	46.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-138	48.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-138	47.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-138	54.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-138	47.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-138	55.5 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-25

Client Sample ID: SB-10C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:37

% Solid: 80.6%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-147	51.6	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-147	38.3	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-147	37.5	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-147	41.7	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-147	40.4	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-147	49.1	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-147	26.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-147	46.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-147	40.7	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-147	51.9	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-147	437	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-147	74.4	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-147	51.1	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-147	59.8	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-147	59.8	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-147	49.3	311	ug/Kg	J
95-48-7	2-Methylphenol	C2700-147	44.4	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-147	64.6	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-147	37.7	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-147	38.3	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-147	59.8	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-147	21.3	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-147	542	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-147	56.3	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-147	46.3	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-147	47.3	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-147	48.3	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-147	121	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-147	828	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-147	52.2	88.3	ug/Kg	J
208-96-8	Acenaphthylene	C2700-147	42.7	ND	ug/Kg	U
62-53-3	Aniline	C2700-147	38.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-25

Client Sample ID: SB-10C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:37

% Solid: 80.6%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-147	55.2	ND	ug/Kg	U
92-87-5	Benzidine	C2700-147	1090	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-147	52.5	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-147	64.6	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-147	51.5	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-147	94.8	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-147	94.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-147	7270	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-147	73.2	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-147	51.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-147	58.7	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-147	45.5	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-147	81.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-147	65.5	ND	ug/Kg	U
86-74-8	Carbazole	C2700-147	71.5	ND	ug/Kg	U
218-01-9	Chrysene	C2700-147	65.6	ND	ug/Kg	U
	Cresols	C2700-147	82.7	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-147	69.9	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-147	61.0	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-147	69.2	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-147	41.4	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-147	81.1	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-147	59.9	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-147	68.4	ND	ug/Kg	U
86-73-7	Fluorene	C2700-147	49.9	109	ug/Kg	J
118-74-1	Hexachlorobenzene	C2700-147	53.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-147	49.6	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-147	383	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-147	55.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-147	57.3	ND	ug/Kg	U
78-59-1	Isophorone	C2700-147	56.7	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-147	37.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-25**

Client Sample ID: SB-10C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:37

% Solid: 80.6%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-147	78.8	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-147	67.6	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-147	49.9	155	ug/Kg	J
98-95-3	Nitrobenzene	C2700-147	48.0	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-147	470	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-147	56.5	211	ug/Kg	J
108-95-2	Phenol	C2700-147	32.4	ND	ug/Kg	U
129-00-0	Pyrene	C2700-147	45.9	ND	ug/Kg	U
110-86-1	Pyridine	C2700-147	71.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-147	47.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-147	46.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-147	47.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-147	47.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-147	47.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-147	51.5 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-148	206	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-148	153	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-148	150	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-148	167	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-148	162	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-148	197	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-148	108	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-148	187	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-148	163	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-148	207	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-148	1750	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-148	298	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-148	204	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-148	239	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-148	239	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-148	197	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2700-148	178	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-148	259	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-148	151	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-148	153	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-148	239	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-148	85.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-148	2170	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-148	225	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-148	185	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-148	189	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-148	193	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-148	485	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-148	3310	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-148	209	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2700-148	171	ND	ug/Kg	U
62-53-3	Aniline	C2700-148	154	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-148	221	ND	ug/Kg	U
92-87-5	Benzidine	C2700-148	4360	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-148	210	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-148	259	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-148	206	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-148	379	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-148	378	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-148	29100	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-148	293	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-148	205	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-148	235	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-148	182	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-148	325	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-148	262	ND	ug/Kg	U
86-74-8	Carbazole	C2700-148	286	ND	ug/Kg	U
218-01-9	Chrysene	C2700-148	263	ND	ug/Kg	U
	Cresols	C2700-148	331	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-148	279	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-148	244	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-148	277	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-148	166	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-148	325	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-148	240	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-148	273	ND	ug/Kg	U
86-73-7	Fluorene	C2700-148	200	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2700-148	212	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-148	199	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-148	1530	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-148	221	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-148	229	ND	ug/Kg	U
78-59-1	Isophorone	C2700-148	227	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-148	150	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-148	315	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-148	270	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-148	200	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-148	192	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-148	1880	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-148	226	ND	ug/Kg	U
108-95-2	Phenol	C2700-148	130	ND	ug/Kg	U
129-00-0	Pyrene	C2700-148	184	ND	ug/Kg	U
110-86-1	Pyridine	C2700-148	284	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-148	41.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-148	35.8 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-148	40.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-148	39.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-148	40.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-148	51.8 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-27

Client Sample ID: SB-12B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-149	188	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-149	139	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-149	136	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-149	152	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-149	147	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-149	179	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-149	97.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-149	170	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-149	148	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-149	189	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-149	1590	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-149	271	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-149	186	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-149	217	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-149	217	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-149	179	917	ug/Kg	J
95-48-7	2-Methylphenol	C2700-149	161	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-149	235	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-149	137	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-149	139	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-149	217	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-149	77.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-149	1970	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-149	205	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-149	168	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-149	172	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-149	175	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-149	441	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-149	3010	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-149	190	1280	ug/Kg	J
208-96-8	Acenaphthylene	C2700-149	155	ND	ug/Kg	U
62-53-3	Aniline	C2700-149	140	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-27

Client Sample ID: SB-12B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-149	201	ND	ug/Kg	U
92-87-5	Benzidine	C2700-149	3960	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-149	191	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-149	235	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-149	187	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-149	345	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-149	343	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-149	26400	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-149	266	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-149	187	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-149	213	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-149	166	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-149	295	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-149	238	ND	ug/Kg	U
86-74-8	Carbazole	C2700-149	260	ND	ug/Kg	U
218-01-9	Chrysene	C2700-149	239	ND	ug/Kg	U
	Cresols	C2700-149	300	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-149	254	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-149	222	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-149	252	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-149	151	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-149	295	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-149	218	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-149	248	743	ug/Kg	J
86-73-7	Fluorene	C2700-149	181	1860	ug/Kg	J
118-74-1	Hexachlorobenzene	C2700-149	193	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-149	180	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-149	1390	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-149	201	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-149	208	ND	ug/Kg	U
78-59-1	Isophorone	C2700-149	206	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-149	136	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-27**

Client Sample ID: SB-12B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-149	286	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-149	246	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-149	181	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-149	175	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-149	1710	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-149	205	3180	ug/Kg	
108-95-2	Phenol	C2700-149	118	ND	ug/Kg	U
129-00-0	Pyrene	C2700-149	167	959	ug/Kg	J
110-86-1	Pyridine	C2700-149	258	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-149	37.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-149	40.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-149	40.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-149	49.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-149	40.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-149	45.4 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-28

Client Sample ID: SB-12C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-150	46.1	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-150	34.3	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-150	33.5	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-150	37.3	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-150	36.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-150	43.9	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-150	24.1	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-150	41.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-150	36.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-150	46.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-150	390	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-150	66.5	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-150	45.7	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-150	53.4	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-150	53.4	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-169	352	50300	ug/Kg	
95-48-7	2-Methylphenol	C2700-150	39.7	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-150	57.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-150	33.7	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-150	34.3	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-150	53.4	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-150	19.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-150	484	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-150	50.3	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-150	41.4	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-150	42.2	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-150	43.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-150	108	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-150	739	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-150	46.7	1870	ug/Kg	
208-96-8	Acenaphthylene	C2700-150	38.1	ND	ug/Kg	U
62-53-3	Aniline	C2700-150	34.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-28

Client Sample ID: SB-12C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-150	49.3	ND	ug/Kg	U
92-87-5	Benzidine	C2700-150	973	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-150	46.9	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-150	57.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-150	46.0	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-150	84.7	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-150	84.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-150	6500	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-150	65.4	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-150	45.9	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-150	52.4	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-150	40.7	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-150	72.6	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-150	58.5	ND	ug/Kg	U
86-74-8	Carbazole	C2700-150	63.9	ND	ug/Kg	U
218-01-9	Chrysene	C2700-150	58.6	ND	ug/Kg	U
	Cresols	C2700-150	74.0	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-150	62.4	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-150	54.5	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-150	61.9	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-150	37.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-150	72.5	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-150	53.5	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-150	61.1	186	ug/Kg	J
86-73-7	Fluorene	C2700-150	44.6	3440	ug/Kg	
118-74-1	Hexachlorobenzene	C2700-150	47.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-150	44.3	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-150	343	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-150	49.3	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-150	51.2	ND	ug/Kg	U
78-59-1	Isophorone	C2700-150	50.7	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-150	33.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-28**

Client Sample ID: SB-12C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-150	70.4	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-150	60.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-150	44.6	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-150	42.9	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-150	420	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-150	50.4	7090	ug/Kg	
108-95-2	Phenol	C2700-150	28.9	ND	ug/Kg	U
129-00-0	Pyrene	C2700-150	41.0	303	ug/Kg	J
110-86-1	Pyridine	C2700-150	63.5	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-150	32.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-150	52.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-150	52.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-150	63.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-150	54.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-150	70.9 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-29

Client Sample ID: SB-12D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:13

% Solid: 81.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-151	203	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-151	151	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-151	147	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-151	164	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-151	159	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-151	193	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-151	106	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-151	184	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-151	160	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-151	204	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-151	1720	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-151	293	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-151	201	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-151	235	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-151	235	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-151	194	21300	ug/Kg	
95-48-7	2-Methylphenol	C2700-151	175	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-151	254	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-151	148	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-151	151	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-151	235	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-151	84.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-151	2130	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-151	222	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-151	182	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-151	186	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-151	190	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-151	478	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-151	3260	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-151	206	1320	ug/Kg	J
208-96-8	Acenaphthylene	C2700-151	168	ND	ug/Kg	U
62-53-3	Aniline	C2700-151	152	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-29

Client Sample ID: SB-12D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:13

% Solid: 81.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-151	217	ND	ug/Kg	U
92-87-5	Benzidine	C2700-151	4290	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-151	207	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-151	254	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-151	203	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-151	373	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-151	372	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-151	28600	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-151	288	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-151	202	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-151	231	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-151	179	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-151	320	400	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2700-151	258	ND	ug/Kg	U
86-74-8	Carbazole	C2700-151	281	ND	ug/Kg	U
218-01-9	Chrysene	C2700-151	258	ND	ug/Kg	U
	Cresols	C2700-151	326	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-151	275	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-151	240	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-151	273	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-151	163	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-151	319	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-151	236	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-151	269	554	ug/Kg	J
86-73-7	Fluorene	C2700-151	196	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2700-151	209	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-151	195	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-151	1510	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-151	217	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-151	226	ND	ug/Kg	U
78-59-1	Isophorone	C2700-151	223	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-151	147	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-29**

Client Sample ID: SB-12D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:13

% Solid: 81.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-151	310	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-151	266	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-151	196	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-151	189	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-151	1850	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-151	222	4630	ug/Kg	
108-95-2	Phenol	C2700-151	127	ND	ug/Kg	U
129-00-0	Pyrene	C2700-151	181	710	ug/Kg	J
110-86-1	Pyridine	C2700-151	280	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-151	28.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-151	46.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-151	44.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-151	54.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-151	43.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-151	49.5 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-31

Client Sample ID: SB-6B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:05

% Solid: 89.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-152	46.3	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-152	34.4	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-152	33.6	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-152	37.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-152	36.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-152	44.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-152	24.1	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-152	41.8	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-152	36.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-152	46.5	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-152	392	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-152	66.7	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-152	45.8	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-152	53.6	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-152	53.6	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-152	44.2	3770	ug/Kg	
95-48-7	2-Methylphenol	C2700-152	39.8	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-152	58.0	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-152	33.8	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-152	34.4	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-152	53.6	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-152	19.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-152	486	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-152	50.5	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-152	41.5	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-152	42.4	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-152	43.3	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-152	109	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-152	742	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-152	46.8	1500	ug/Kg	
208-96-8	Acenaphthylene	C2700-152	38.3	ND	ug/Kg	U
62-53-3	Aniline	C2700-152	34.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-31

Client Sample ID: SB-6B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:05

% Solid: 89.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-152	49.5	ND	ug/Kg	U
92-87-5	Benzidine	C2700-152	977	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-152	47.1	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-152	58.0	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-152	46.2	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-152	85.0	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-152	84.6	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-152	6520	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-152	65.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-152	46.1	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-152	52.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-152	40.8	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-152	72.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-152	58.7	ND	ug/Kg	U
86-74-8	Carbazole	C2700-152	64.1	ND	ug/Kg	U
218-01-9	Chrysene	C2700-152	58.8	ND	ug/Kg	U
	Cresols	C2700-152	74.2	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-152	62.6	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-152	54.7	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-152	62.1	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-152	37.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-152	72.7	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-152	53.7	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-152	61.3	ND	ug/Kg	U
86-73-7	Fluorene	C2700-152	44.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2700-152	47.6	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-152	44.5	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-152	344	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-152	49.5	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-152	51.4	ND	ug/Kg	U
78-59-1	Isophorone	C2700-152	50.8	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-152	33.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-31

Client Sample ID: SB-6B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:05

% Solid: 89.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-152	70.6	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-152	60.6	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-152	44.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-152	43.0	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-152	422	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-152	50.6	ND	ug/Kg	U
108-95-2	Phenol	C2700-152	29.0	ND	ug/Kg	U
129-00-0	Pyrene	C2700-152	41.2	329	ug/Kg	J
110-86-1	Pyridine	C2700-152	63.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-152	31.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-152	58.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-152	57.9 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-152	65.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-152	61.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-152	74.2 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-32

Client Sample ID: SB-6C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:17

% Solid: 85%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2700-153	196	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2700-153	145	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2700-153	142	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2700-153	158	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2700-153	153	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2700-153	186	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2700-153	102	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2700-153	177	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2700-153	154	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2700-153	197	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2700-153	1660	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2700-153	282	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2700-153	194	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2700-153	227	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2700-153	227	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2700-153	187	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2700-153	168	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2700-153	245	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2700-153	143	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2700-153	145	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2700-153	227	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2700-153	80.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2700-153	2060	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2700-153	214	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2700-153	176	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2700-153	179	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2700-153	183	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2700-153	460	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2700-153	3140	ND	ug/Kg	U
83-32-9	Acenaphthene	C2700-153	198	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2700-153	162	ND	ug/Kg	U
62-53-3	Aniline	C2700-153	146	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-32

Client Sample ID: SB-6C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:17

% Solid: 85%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2700-153	209	ND	ug/Kg	U
92-87-5	Benzidine	C2700-153	4130	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2700-153	199	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2700-153	245	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2700-153	195	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2700-153	360	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2700-153	358	ND	ug/Kg	U
65-85-0	Benzoic acid	C2700-153	27600	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2700-153	278	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2700-153	195	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2700-153	223	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2700-153	173	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2700-153	308	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2700-153	248	ND	ug/Kg	U
86-74-8	Carbazole	C2700-153	271	ND	ug/Kg	U
218-01-9	Chrysene	C2700-153	249	ND	ug/Kg	U
	Cresols	C2700-153	313	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2700-153	265	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2700-153	232	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2700-153	263	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2700-153	157	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2700-153	308	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2700-153	227	ND	ug/Kg	U
206-44-0	Fluoranthene	C2700-153	259	ND	ug/Kg	U
86-73-7	Fluorene	C2700-153	189	521	ug/Kg	J
118-74-1	Hexachlorobenzene	C2700-153	201	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2700-153	188	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2700-153	1450	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2700-153	209	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2700-153	217	ND	ug/Kg	U
78-59-1	Isophorone	C2700-153	215	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2700-153	142	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-32**

Client Sample ID: SB-6C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:17

% Solid: 85%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2700-153	299	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2700-153	256	ND	ug/Kg	U
91-20-3	Naphthalene	C2700-153	189	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2700-153	182	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2700-153	1780	ND	ug/Kg	U
85-01-8	Phenanthrene	C2700-153	214	ND	ug/Kg	U
108-95-2	Phenol	C2700-153	123	ND	ug/Kg	U
129-00-0	Pyrene	C2700-153	174	175	ug/Kg	J
110-86-1	Pyridine	C2700-153	270	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2700-153	21.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2700-153	38.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2700-153	34.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2700-153	38.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2700-153	34.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2700-153	43.1 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2701-161	202	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2701-161	150	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2701-161	147	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2701-161	163	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2701-161	158	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2701-161	192	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2701-161	105	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2701-161	183	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2701-161	159	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2701-161	203	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2701-161	1710	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2701-161	292	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2701-161	200	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2701-161	234	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2701-161	234	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-161	193	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2701-161	174	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2701-161	253	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2701-161	148	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2701-161	150	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2701-161	234	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2701-161	83.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2701-161	2120	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2701-161	221	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2701-161	181	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2701-161	185	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2701-161	189	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2701-161	475	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2701-161	3240	ND	ug/Kg	U
83-32-9	Acenaphthene	C2701-161	205	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2701-161	167	ND	ug/Kg	U
62-53-3	Aniline	C2701-161	151	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2701-161	216	ND	ug/Kg	U
92-87-5	Benzidine	C2701-161	4270	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2701-161	206	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2701-161	253	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2701-161	202	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2701-161	371	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2701-161	370	ND	ug/Kg	U
65-85-0	Benzoic acid	C2701-161	28500	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2701-161	287	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2701-161	201	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2701-161	230	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2701-161	178	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2701-161	318	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2701-161	257	ND	ug/Kg	U
86-74-8	Carbazole	C2701-161	280	ND	ug/Kg	U
218-01-9	Chrysene	C2701-161	257	ND	ug/Kg	U
	Cresols	C2701-161	324	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2701-161	274	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2701-161	239	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2701-161	271	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2701-161	162	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2701-161	318	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2701-161	235	ND	ug/Kg	U
206-44-0	Fluoranthene	C2701-161	268	ND	ug/Kg	U
86-73-7	Fluorene	C2701-161	195	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2701-161	208	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2701-161	194	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2701-161	1500	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2701-161	216	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2701-161	225	ND	ug/Kg	U
78-59-1	Isophorone	C2701-161	222	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2701-161	147	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-33**

Client Sample ID: S-7A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2701-161	309	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2701-161	265	ND	ug/Kg	U
91-20-3	Naphthalene	C2701-161	195	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2701-161	188	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2701-161	1840	ND	ug/Kg	U
85-01-8	Phenanthrene	C2701-161	221	ND	ug/Kg	U
108-95-2	Phenol	C2701-161	127	ND	ug/Kg	U
129-00-0	Pyrene	C2701-161	180	ND	ug/Kg	U
110-86-1	Pyridine	C2701-161	278	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2701-161	34.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2701-161	40.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2701-161	40.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2701-161	42.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2701-161	41.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2701-161	46.1 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-34**

Client Sample ID: SB-8B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2701-162	91.7	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2701-162	68.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2701-162	66.6	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2701-162	74.1	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2701-162	71.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2701-162	87.3	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2701-162	47.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2701-162	82.9	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2701-162	72.3	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2701-162	92.2	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2701-162	776	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2701-162	132	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2701-162	90.8	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2701-162	106	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2701-162	106	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-162	87.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2701-162	78.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2701-162	115	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2701-162	67.0	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2701-162	68.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2701-162	106	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2701-162	37.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2701-162	964	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2701-162	100	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2701-162	82.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2701-162	84.0	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2701-162	85.8	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2701-162	216	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2701-162	1470	ND	ug/Kg	U
83-32-9	Acenaphthene	C2701-162	92.8	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2701-162	75.9	ND	ug/Kg	U
62-53-3	Aniline	C2701-162	68.6	ND	ug/Kg	U

Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-34

Client Sample ID: SB-8B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2701-162	98.1	ND	ug/Kg	U
92-87-5	Benzidine	C2701-162	1940	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2701-162	93.3	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2701-162	115	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2701-162	91.5	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2701-162	168	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2701-162	168	ND	ug/Kg	U
65-85-0	Benzoic acid	C2701-162	12900	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2701-162	130	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2701-162	91.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2701-162	104	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2701-162	80.9	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2701-162	144	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2701-162	116	ND	ug/Kg	U
86-74-8	Carbazole	C2701-162	127	ND	ug/Kg	U
218-01-9	Chrysene	C2701-162	117	ND	ug/Kg	U
	Cresols	C2701-162	147	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2701-162	124	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2701-162	108	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2701-162	123	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2701-162	73.6	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2701-162	144	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2701-162	107	ND	ug/Kg	U
206-44-0	Fluoranthene	C2701-162	121	ND	ug/Kg	U
86-73-7	Fluorene	C2701-162	88.6	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2701-162	94.4	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2701-162	88.2	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2701-162	681	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2701-162	98.1	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2701-162	102	ND	ug/Kg	U
78-59-1	Isophorone	C2701-162	101	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2701-162	66.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-34

Client Sample ID: SB-8B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2701-162	140	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2701-162	120	ND	ug/Kg	U
91-20-3	Naphthalene	C2701-162	88.6	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2701-162	85.3	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2701-162	836	ND	ug/Kg	U
85-01-8	Phenanthrene	C2701-162	100	ND	ug/Kg	U
108-95-2	Phenol	C2701-162	57.6	ND	ug/Kg	U
129-00-0	Pyrene	C2701-162	81.6	ND	ug/Kg	U
110-86-1	Pyridine	C2701-162	126	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2701-162	47.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2701-162	41.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2701-162	40.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2701-162	40.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2701-162	40.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2701-162	55.7 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-35

Client Sample ID: SB-8C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2701-163	49.3	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2701-163	36.7	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2701-163	35.8	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2701-163	39.9	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2701-163	38.7	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2701-163	47.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2701-163	25.7	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2701-163	44.6	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2701-163	38.9	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2701-163	49.6	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2701-163	418	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2701-163	71.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2701-163	48.9	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2701-163	57.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2701-163	57.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-163	47.1	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2701-163	42.5	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2701-163	61.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2701-163	36.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2701-163	36.7	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2701-163	57.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2701-163	20.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2701-163	518	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2701-163	53.9	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2701-163	44.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2701-163	45.2	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2701-163	46.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2701-163	116	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2701-163	791	ND	ug/Kg	U
83-32-9	Acenaphthene	C2701-163	49.9	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2701-163	40.8	ND	ug/Kg	U
62-53-3	Aniline	C2701-163	36.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-35

Client Sample ID: SB-8C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2701-163	52.8	ND	ug/Kg	U
92-87-5	Benzidine	C2701-163	1040	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2701-163	50.2	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2701-163	61.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2701-163	49.2	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2701-163	90.6	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2701-163	90.3	ND	ug/Kg	U
65-85-0	Benzoic acid	C2701-163	6950	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2701-163	70.0	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2701-163	49.1	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2701-163	56.1	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2701-163	43.5	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2701-163	77.7	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2701-163	62.6	ND	ug/Kg	U
86-74-8	Carbazole	C2701-163	68.3	ND	ug/Kg	U
218-01-9	Chrysene	C2701-163	62.8	ND	ug/Kg	U
	Cresols	C2701-163	79.2	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2701-163	66.8	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2701-163	58.4	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2701-163	66.2	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2701-163	39.6	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2701-163	77.6	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2701-163	57.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2701-163	65.4	ND	ug/Kg	U
86-73-7	Fluorene	C2701-163	47.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2701-163	50.8	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2701-163	47.4	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2701-163	367	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2701-163	52.8	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2701-163	54.8	ND	ug/Kg	U
78-59-1	Isophorone	C2701-163	54.2	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2701-163	35.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1107290-35**

Client Sample ID: SB-8C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2701-163	75.3	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2701-163	64.7	ND	ug/Kg	U
91-20-3	Naphthalene	C2701-163	47.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2701-163	45.9	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2701-163	450	ND	ug/Kg	U
85-01-8	Phenanthrene	C2701-163	54.0	ND	ug/Kg	U
108-95-2	Phenol	C2701-163	31.0	ND	ug/Kg	U
129-00-0	Pyrene	C2701-163	43.9	ND	ug/Kg	U
110-86-1	Pyridine	C2701-163	68.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2701-163	55.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2701-163	43.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2701-163	44.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2701-163	44.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2701-163	43.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2701-163	70.3 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-36

Client Sample ID: SB-8D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:58

% Solid: 82%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2701-164	50.7	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2701-164	37.7	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2701-164	36.8	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2701-164	41.0	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2701-164	39.8	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2701-164	48.3	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2701-164	26.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2701-164	45.9	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2701-164	40.0	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2701-164	51.0	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2701-164	429	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2701-164	73.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2701-164	50.2	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2701-164	58.8	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2701-164	58.8	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-164	48.4	192	ug/Kg	J
95-48-7	2-Methylphenol	C2701-164	43.7	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2701-164	63.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2701-164	37.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2701-164	37.7	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2701-164	58.8	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2701-164	21.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2701-164	533	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2701-164	55.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2701-164	45.5	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2701-164	46.5	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2701-164	47.4	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2701-164	119	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2701-164	813	ND	ug/Kg	U
83-32-9	Acenaphthene	C2701-164	51.3	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2701-164	42.0	ND	ug/Kg	U
62-53-3	Aniline	C2701-164	37.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-36

Client Sample ID: SB-8D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:58

% Solid: 82%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2701-164	54.3	ND	ug/Kg	U
92-87-5	Benzidine	C2701-164	1070	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2701-164	51.6	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2701-164	63.5	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2701-164	50.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2701-164	93.2	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2701-164	92.8	ND	ug/Kg	U
65-85-0	Benzoic acid	C2701-164	7150	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2701-164	72.0	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2701-164	50.5	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2701-164	57.7	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2701-164	44.8	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2701-164	79.9	99.7	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2701-164	64.4	ND	ug/Kg	U
86-74-8	Carbazole	C2701-164	70.2	ND	ug/Kg	U
218-01-9	Chrysene	C2701-164	64.5	ND	ug/Kg	U
	Cresols	C2701-164	81.4	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2701-164	68.7	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2701-164	60.0	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2701-164	68.0	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2701-164	40.7	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2701-164	79.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2701-164	58.9	ND	ug/Kg	U
206-44-0	Fluoranthene	C2701-164	67.2	ND	ug/Kg	U
86-73-7	Fluorene	C2701-164	49.0	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2701-164	52.2	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2701-164	48.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2701-164	377	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2701-164	54.3	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2701-164	56.3	ND	ug/Kg	U
78-59-1	Isophorone	C2701-164	55.7	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2701-164	36.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-36

Client Sample ID: SB-8D

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:58

% Solid: 82%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2701-164	77.4	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2701-164	66.5	ND	ug/Kg	U
91-20-3	Naphthalene	C2701-164	49.0	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2701-164	47.2	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2701-164	462	ND	ug/Kg	U
85-01-8	Phenanthrene	C2701-164	55.5	88.6	ug/Kg	J
108-95-2	Phenol	C2701-164	31.8	ND	ug/Kg	U
129-00-0	Pyrene	C2701-164	45.1	ND	ug/Kg	U
110-86-1	Pyridine	C2701-164	69.9	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2701-164	46.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2701-164	44.8 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2701-164	45.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2701-164	46.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2701-164	45.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2701-164	59.4 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2701-167	176	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2701-167	130	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2701-167	127	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2701-167	142	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2701-167	138	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2701-167	167	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2701-167	91.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2701-167	159	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2701-167	138	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2701-167	176	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2701-167	1490	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2701-167	253	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2701-167	174	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2701-167	203	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2701-167	203	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-167	168	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2701-167	151	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2701-167	220	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2701-167	128	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2701-167	130	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2701-167	203	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2701-167	72.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2701-167	1840	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2701-167	192	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2701-167	157	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2701-167	161	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2701-167	164	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2701-167	413	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2701-167	2810	ND	ug/Kg	U
83-32-9	Acenaphthene	C2701-167	178	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2701-167	145	ND	ug/Kg	U
62-53-3	Aniline	C2701-167	131	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2701-167	188	ND	ug/Kg	U
92-87-5	Benzidine	C2701-167	3700	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2701-167	178	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2701-167	220	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2701-167	175	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2701-167	322	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2701-167	321	ND	ug/Kg	U
65-85-0	Benzoic acid	C2701-167	24700	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2701-167	249	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2701-167	175	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2701-167	200	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2701-167	155	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2701-167	276	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2701-167	223	ND	ug/Kg	U
86-74-8	Carbazole	C2701-167	243	ND	ug/Kg	U
218-01-9	Chrysene	C2701-167	223	ND	ug/Kg	U
	Cresols	C2701-167	281	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2701-167	238	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2701-167	208	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2701-167	235	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2701-167	141	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2701-167	276	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2701-167	204	ND	ug/Kg	U
206-44-0	Fluoranthene	C2701-167	232	ND	ug/Kg	U
86-73-7	Fluorene	C2701-167	170	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2701-167	181	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2701-167	169	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2701-167	1300	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2701-167	188	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2701-167	195	ND	ug/Kg	U
78-59-1	Isophorone	C2701-167	193	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2701-167	127	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2701-167	268	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2701-167	230	ND	ug/Kg	U
91-20-3	Naphthalene	C2701-167	170	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2701-167	163	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2701-167	1600	ND	ug/Kg	U
85-01-8	Phenanthrene	C2701-167	192	ND	ug/Kg	U
108-95-2	Phenol	C2701-167	110	ND	ug/Kg	U
129-00-0	Pyrene	C2701-167	156	ND	ug/Kg	U
110-86-1	Pyridine	C2701-167	242	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2701-167	19.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2701-167	42.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2701-167	45.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2701-167	45.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2701-167	44.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2701-167	46.6 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2701-166	185	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2701-166	138	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2701-166	135	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2701-166	150	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2701-166	145	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2701-166	176	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2701-166	96.7	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2701-166	167	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2701-166	146	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2701-166	186	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2701-166	1570	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2701-166	267	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2701-166	184	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2701-166	215	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2701-166	215	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2701-166	177	1210	ug/Kg	J
95-48-7	2-Methylphenol	C2701-166	159	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2701-166	232	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2701-166	135	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2701-166	138	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2701-166	215	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2701-166	76.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2701-166	1950	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2701-166	202	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2701-166	166	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2701-166	170	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2701-166	173	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2701-166	436	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2701-166	2970	ND	ug/Kg	U
83-32-9	Acenaphthene	C2701-166	188	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2701-166	153	ND	ug/Kg	U
62-53-3	Aniline	C2701-166	139	ND	ug/Kg	U



Environmental Quality Services, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2701-166	198	ND	ug/Kg	U
92-87-5	Benzidine	C2701-166	3910	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2701-166	188	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2701-166	232	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2701-166	185	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2701-166	340	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2701-166	339	ND	ug/Kg	U
65-85-0	Benzoic acid	C2701-166	26100	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2701-166	263	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2701-166	184	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2701-166	211	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2701-166	163	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2701-166	292	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2701-166	235	ND	ug/Kg	U
86-74-8	Carbazole	C2701-166	257	ND	ug/Kg	U
218-01-9	Chrysene	C2701-166	236	ND	ug/Kg	U
	Cresols	C2701-166	297	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2701-166	251	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2701-166	219	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2701-166	249	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2701-166	149	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2701-166	291	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2701-166	215	ND	ug/Kg	U
206-44-0	Fluoranthene	C2701-166	245	ND	ug/Kg	U
86-73-7	Fluorene	C2701-166	179	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2701-166	191	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2701-166	178	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2701-166	1380	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2701-166	198	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2701-166	206	ND	ug/Kg	U
78-59-1	Isophorone	C2701-166	204	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2701-166	135	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2701-166	283	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2701-166	243	ND	ug/Kg	U
91-20-3	Naphthalene	C2701-166	179	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2701-166	172	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2701-166	1690	ND	ug/Kg	U
85-01-8	Phenanthrene	C2701-166	203	1070	ug/Kg	J
108-95-2	Phenol	C2701-166	116	ND	ug/Kg	U
129-00-0	Pyrene	C2701-166	165	ND	ug/Kg	U
110-86-1	Pyridine	C2701-166	255	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2701-166	33.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2701-166	43.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2701-166	41.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2701-166	44.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2701-166	41.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2701-166	52.3 %	(18 - 137)	



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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-1

Client Sample ID: SB-13B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:26

% Solid: 91.8%

Remarks:

Analyzed Date: 12/30/1899

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
Unknown Branched Alkane	5.15	12200	ug/Kg
Unknown Cycloalkane	5.30	8240	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	5.56	9760	ug/Kg
Unknown Cycloalkane	5.64	12800	ug/Kg
Unknown EthylBenzene	5.67	15700	ug/Kg
Unknown Cycloalkane	5.98	14200	ug/Kg
Unknown EthylBenzene	6.16	13200	ug/Kg
Unknown Branched Alkane	6.73	24600	ug/Kg
Unknown Compound	6.99	11800	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.22	37500	ug/Kg
Unknown Branched Alkane	7.32	22800	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.73	17100	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.03	12300	ug/Kg
Unknown Compound	8.05	11600	ug/Kg
Unknown Compound	8.31	13600	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.36	13100	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.39	11700	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.48	24800	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.57	9110	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.80	10100	ug/Kg
Unknown Compound	9.08	11200	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.17	9750	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.32	10400	ug/Kg
Unknown Branched Alkane	9.43	32000	ug/Kg
Total :		369560	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-3

Client Sample ID: SB-14B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:54

% Solid: 90.9%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
Unknown Hydrocarbon	5.98	1320	ug/Kg
Unknown Hydrocarbon	6.04	1200	ug/Kg
Unknown Branched Alkane	6.67	3610	ug/Kg
Unknown Cycloalkane	6.73	3110	ug/Kg
Unknown Compound	6.81	2400	ug/Kg
Unknown Branched Alkane	6.88	2130	ug/Kg
Unknown Cycloalkane	6.92	3800	ug/Kg
Unknown Cycloalkane	7.00	1700	ug/Kg
Unknown Cycloalkane	7.05	2040	ug/Kg
Unknown Branched Alkane	7.33	1010	ug/Kg
Unknown Cycloalkene	7.37	989	ug/Kg
Unknown Hydrocarbon	7.79	2090	ug/Kg
Unknown Cycloalkane	7.86	5210	ug/Kg
Unknown Hydrocarbon	7.91	2110	ug/Kg
Unknown Acid	8.02	1980	ug/Kg
Unknown Alcohol	8.13	2690	ug/Kg
Unknown Aromatic	8.49	4080	ug/Kg
Unknown Branched Alkane	8.71	2830	ug/Kg
Unknown Branched Alkane	9.44	5030	ug/Kg
		Total :	49329 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-4

Client Sample ID: SB-14C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:00

% Solid: 85.4%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/Kg
Unknown Branched Alkane	4.53	1400	ug/Kg
Unknown Cycloalkane	4.60	2160	ug/Kg
Unknown Branched Alkane	4.72	2990	ug/Kg
Unknown Cycloalkane	5.09	1110	ug/Kg
Unknown Branched Alkane	5.27	2510	ug/Kg
Unknown Cycloalkane	5.31	3550	ug/Kg
Unknown Branched Alkane	5.39	4770	ug/Kg
Unknown Aromatic	5.47	2200	ug/Kg
Unknown Cycloalkene	5.57	3510	ug/Kg
Unknown Branched Alkane	5.86	1580	ug/Kg
Unknown Branched Alkene	5.90	3100	ug/Kg
Unknown Cycloalkane	6.00	3840	ug/Kg
Unknown Compound	6.06	1210	ug/Kg
Unknown Cycloalkene	6.17	4260	ug/Kg
Unknown Aromatic	6.26	1180	ug/Kg
Unknown Alcohol	6.57	1880	ug/Kg
Unknown Cycloalkene	6.61	1520	ug/Kg
Unknown Cycloalkane	6.65	1640	ug/Kg
Unknown Branched Alkane	6.76	3320	ug/Kg
Unknown Cycloalkene	6.92	4120	ug/Kg
Unknown Branched Alkane	7.35	4680	ug/Kg
Unknown Compound	10.47	4680	ug/Kg
Unknown Cycloalkene	10.79	10700	ug/Kg
Unknown Compound	11.11	5380	ug/Kg
		Total :	77290 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107290-12

Client Sample ID: SB-1C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:14

% Solid: 77.7%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
Unknown Ketone	3.91	687	ug/Kg
Unknown Cycloalkane	7.84	898	ug/Kg
Unknown Compound	7.90	735	ug/Kg
Unknown Compound	8.02	965	ug/Kg
Unknown Ketone	8.09	603	ug/Kg
Unknown Compound	8.12	713	ug/Kg
Unknown Branched Alkane	8.48	736	ug/Kg
Unknown Cycloalkane	8.56	601	ug/Kg
Unknown Compound	8.62	777	ug/Kg
		Total :	6715 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-13

Client Sample ID: SB-2B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:26

% Solid: 84.4%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
Unknown Compound	6.36	1220	ug/Kg
Unknown Cycloalkane	6.74	1380	ug/Kg
Unknown Cycloalkene	7.32	1030	ug/Kg
Unknown Compound	7.53	1650	ug/Kg
Unknown Compound	7.85	1250	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.96	961	ug/Kg
Unknown Compound	8.12	1250	ug/Kg
Unknown Compound	8.31	1810	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.36	2710	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.48	4130	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.56	3440	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.72	1040	ug/Kg
Unknown Compound	8.80	3130	ug/Kg
Unknown Compound	9.08	1960	ug/Kg
Unknown Compound	9.17	1260	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.32	1810	ug/Kg
Total :		30031	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-15

Client Sample ID: SB-3B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:49

% Solid: 89.1%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/Kg
Unknown Ketone	3.91	645	ug/Kg
Unknown Compound	5.98	587	ug/Kg
Unknown Compound	6.13	523	ug/Kg
Unknown Branched Alkane	6.23	460	ug/Kg
Unknown Compound	6.27	831	ug/Kg
Unknown Cycloalkane	6.55	489	ug/Kg
Unknown Cycloalkane	6.58	1110	ug/Kg
Unknown Cycloalkene	6.65	878	ug/Kg
Unknown Aldehyde	6.74	1350	ug/Kg
Unknown Acid	6.81	1150	ug/Kg
Unknown Cycloalkene	6.87	769	ug/Kg
Unknown Branched Alkane	6.92	1310	ug/Kg
Unknown Cycloalkane	7.02	545	ug/Kg
Unknown Cycloalkane	7.53	1720	ug/Kg
Unknown Compound	7.78	468	ug/Kg
Unknown Compound	8.06	1910	ug/Kg
Unknown Acid	8.12	1530	ug/Kg
Unknown Compound	8.57	1190	ug/Kg
		Total :	17465 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-16

Client Sample ID: SB-3C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 08:54

% Solid: 85%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
Unknown Compound	4.98	825	ug/Kg
Unknown Cycloalkane	5.56	1110	ug/Kg
Unknown Compound	5.60	1100	ug/Kg
Unknown Cycloalkane	5.65	1580	ug/Kg
Unknown Ketone	5.85	1000	ug/Kg
Unknown Compound	5.98	1330	ug/Kg
Unknown Ketone	6.04	1010	ug/Kg
Unknown Branched Alkene	6.13	1440	ug/Kg
Unknown Branched Alkane	6.23	1340	ug/Kg
Unknown Cycloalkene	6.27	2760	ug/Kg
Unknown Cycloalkene	6.36	4370	ug/Kg
Unknown Cycloalkane	6.55	1300	ug/Kg
Unknown Branched Alkane	6.65	1960	ug/Kg
Unknown Aromatic	6.74	3260	ug/Kg
Unknown Cycloalkane	6.82	4230	ug/Kg
Unknown Ketone	7.02	1340	ug/Kg
Unknown Compound	7.53	1460	ug/Kg
Unknown Branched Alkene	8.13	1900	ug/Kg
Unknown Cycloalkene	8.37	1010	ug/Kg
Unknown Cycloalkene	8.48	2130	ug/Kg
Unknown Compound	8.57	1580	ug/Kg
Unknown Cycloalkene	8.80	1420	ug/Kg
Unknown Compound	9.09	2340	ug/Kg
Unknown Cycloalkene	9.32	2550	ug/Kg
Total :		44345	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-17

Client Sample ID: SB-4B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:03

% Solid: 85.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
Unknown Acid	6.74	2020	ug/Kg
Unknown Branched Alkane	6.82	1900	ug/Kg
Unknown Cycloalkene	8.36	2960	ug/Kg
Unknown Cycloalkene	8.48	4840	ug/Kg
Unknown Cycloalkene	8.56	2590	ug/Kg
Unknown Cycloalkene	8.80	3060	ug/Kg
Unknown Compound	9.08	2790	ug/Kg
Unknown Compound	12.68	6890	ug/Kg
		Total :	27050 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-18

Client Sample ID: SB-4C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:09

% Solid: 81.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/Kg
Unknown Cycloalkane	5.66	3960	ug/Kg
Unknown Cycloalkene	5.91	3330	ug/Kg
Unknown Cycloalkene	6.04	3410	ug/Kg
Unknown Compound	6.23	2850	ug/Kg
Unknown Cycloalkene	6.27	2670	ug/Kg
Unknown Branched Alkane	6.54	2790	ug/Kg
Unknown Cycloalkane	6.58	4070	ug/Kg
Unknown Branched Alkane	6.74	4810	ug/Kg
Unknown Branched Alkene	6.82	3580	ug/Kg
Unknown Compound	6.87	3580	ug/Kg
Unknown Branched Alkene	6.92	5350	ug/Kg
Unknown Compound	7.09	3550	ug/Kg
Unknown Branched Alkene	7.53	5110	ug/Kg
Unknown Compound	7.85	4100	ug/Kg
Unknown Compound	8.05	3660	ug/Kg
Unknown Ketone	8.12	3890	ug/Kg
Unknown Cycloalkene	8.36	8660	ug/Kg
Unknown Cycloalkene	8.48	16400	ug/Kg
Unknown Cycloalkene	8.57	9080	ug/Kg
Unknown Compound	9.08	7860	ug/Kg
Unknown Cycloalkene	9.17	4200	ug/Kg
Unknown Cycloalkene	9.22	3660	ug/Kg
Unknown Cycloalkene	9.32	5820	ug/Kg
Unknown Cycloalkene	10.75	3070	ug/Kg
		Total :	119460 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-19

Client Sample ID: SB-5B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:20

% Solid: 90.1%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/Kg
None Detected			ug/Kg
Unknown Cycloalkene	7.52	2990	ug/Kg
Unknown Alcohol	8.11	1880	ug/Kg
		Total :	4870 ug/Kg



Environmental Quality Services, Inc.

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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-20

Client Sample ID: SB-5C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 09:30

% Solid: 85.3%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/Kg
Unknown Cycloalkane	5.65	1890	ug/Kg
Unknown Compound	5.98	2020	ug/Kg
Unknown Cycloalkene	6.27	2900	ug/Kg
Unknown Compound	6.36	3220	ug/Kg
Unknown Cycloalkane	6.55	2010	ug/Kg
Unknown Cycloalkane	6.58	3160	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	6.65	2450	ug/Kg
Unknown Aldehyde	6.74	4800	ug/Kg
Unknown Branched Alkene	6.82	4150	ug/Kg
Unknown Compound	6.87	2960	ug/Kg
Unknown Cycloalkane	6.91	3260	ug/Kg
Unknown Compound	7.12	2830	ug/Kg
Unknown Compound	7.33	2260	ug/Kg
Unknown Cycloalkene	7.53	5470	ug/Kg
Unknown Compound	7.85	8910	ug/Kg
Unknown Ketone	8.05	7100	ug/Kg
Unknown Acid	8.12	4550	ug/Kg
Unknown Cycloalkene	8.36	4830	ug/Kg
Unknown Cycloalkene	8.48	8980	ug/Kg
Unknown Cycloalkene	8.56	5040	ug/Kg
Unknown Cycloalkene	8.80	4670	ug/Kg
Unknown Compound	9.08	4900	ug/Kg
Unknown Cycloalkene	9.17	3460	ug/Kg
		Total :	95820 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-21

Client Sample ID: SB-9C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:05

% Solid: 77.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
Unknown Ketone	3.90	946	ug/Kg
Unknown Branched Alkane	6.73	991	ug/Kg
Unknown Branched Alkane	7.32	771	ug/Kg
Unknown Compound	7.53	1220	ug/Kg
Unknown Compound	7.78	754	ug/Kg
Unknown Compound	7.85	2890	ug/Kg
Unknown Compound	7.90	620	ug/Kg
Unknown Compound	8.01	907	ug/Kg
Unknown Compound	8.05	2250	ug/Kg
Unknown Compound	8.12	734	ug/Kg
Unknown Cycloalkene	8.48	1410	ug/Kg
Unknown Compound	8.56	750	ug/Kg
Unknown Cycloalkene	8.80	673	ug/Kg
Unknown Compound	9.08	569	ug/Kg
Unknown Acid	12.68	2240	ug/Kg
		Total :	17725 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-24

Client Sample ID: SB-10B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:30

% Solid: 92.9%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/22/2011

Analyte	RT	Result	Units
None Detected			ug/Kg
Unknown Branched Alkane	5.64	6310	ug/Kg
Unknown Cycloalkene	5.67	5940	ug/Kg
Unknown Cycloalkene	5.92	7100	ug/Kg
Unknown Cycloalkane	5.98	5150	ug/Kg
Unknown Cycloalkene	6.54	4600	ug/Kg
Unknown Branched Alkane	6.73	11600	ug/Kg
Unknown Cycloalkene	6.99	5710	ug/Kg
Unknown Cycloalkene	7.22	13700	ug/Kg
Unknown Branched Alkane	7.32	9090	ug/Kg
Unknown Compound	7.53	6120	ug/Kg
Unknown Cycloalkene	7.72	7810	ug/Kg
Unknown Branched Alkane	7.78	12200	ug/Kg
Unknown Cycloalkene	7.81	9910	ug/Kg
Unknown Compound	7.85	13200	ug/Kg
Unknown Cycloalkene	8.12	5130	ug/Kg
Unknown Cycloalkene	8.31	5270	ug/Kg
Unknown Cycloalkene	8.36	6630	ug/Kg
Unknown Cycloalkene	8.39	5810	ug/Kg
Unknown Cycloalkene	8.48	13400	ug/Kg
Unknown Branched Alkane	8.70	17000	ug/Kg
Unknown Compound	8.80	7610	ug/Kg
Unknown Compound	9.08	4870	ug/Kg
Unknown Cycloalkene	9.31	6980	ug/Kg
Unknown Branched Alkane	9.43	16100	ug/Kg
Total :		207240	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-25

Collected:

Type: Grab

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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-27

Client Sample ID: SB-12B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:56

% Solid: 88.7%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analyte	RT	Result	Units
Unknown Branched Alkane	5.14	6100	ug/Kg
Unknown Cycloalkane	5.64	6620	ug/Kg
Unknown Aromatic	5.67	7830	ug/Kg
Unknown Cycloalkane	5.98	8480	ug/Kg
Unknown Compound	6.16	7430	ug/Kg
Unknown Branched Alkane	6.72	17700	ug/Kg
Unknown Aromatic	6.99	8780	ug/Kg
Unknown Cycloalkene	7.21	16000	ug/Kg
Unknown Branched Alkane	7.32	15100	ug/Kg
Unknown Cycloalkene	7.62	5910	ug/Kg
Unknown Branched Alkane	7.78	16300	ug/Kg
Unknown Cycloalkene	7.81	9070	ug/Kg
Unknown Compound	7.84	12500	ug/Kg
Unknown Aromatic	8.03	7230	ug/Kg
Unknown Compound	8.05	6130	ug/Kg
Unknown Compound	8.31	7270	ug/Kg
Unknown Cycloalkene	8.36	8160	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.39	7470	ug/Kg
Unknown Cycloalkene	8.48	15900	ug/Kg
Unknown Compound	8.80	10400	ug/Kg
Unknown Compound	9.08	8320	ug/Kg
Unknown Cycloalkane	9.31	11600	ug/Kg
Unknown Branched Alkane	9.44	36800	ug/Kg
Unknown Branched Alkane	9.78	9470	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.22	5850	ug/Kg
Total :		272420	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-28

Client Sample ID: SB-12C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:03

% Solid: 90.2%

Remarks:

Analyzed Date: 7/28/2011

Preparation Date(s) : 7/25/2011

Analyte	RT	Result	Units
Unknown Branched Alkane	4.72	5010	ug/Kg
Unknown Cycloalkane	4.95	6010	ug/Kg
Unknown Branched Alkane	5.14	11900	ug/Kg
Unknown Cycloalkane	5.30	6720	ug/Kg
Unknown Branched Alkane	5.37	5730	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	5.55	7250	ug/Kg
Unknown Cycloalkane	5.64	12300	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	5.68	21200	ug/Kg
Unknown Cycloalkane	5.99	7340	ug/Kg
Unknown Branched Alkene	6.16	10400	ug/Kg
Unknown Branched Alkane	6.74	14400	ug/Kg
Unknown Cycloalkene	6.88	7280	ug/Kg
Unknown Cycloalkene	6.90	7770	ug/Kg
Unknown Cycloalkene	7.01	9240	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.24	34900	ug/Kg
Unknown Branched Alkane	7.34	7020	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.74	6790	ug/Kg
Unknown Aromatic	8.50	8980	ug/Kg
Unknown Compound	8.82	6140	ug/Kg
Unknown Compound	9.10	6070	ug/Kg
Unknown Compound	9.19	7430	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.33	12300	ug/Kg
Unknown Compound	9.45	20700	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.79	8950	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.88	4930	ug/Kg
Total :		256760	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-29

Collected:

Type: Grab

G371.TIC1.334.597614 0.8. - 63
C:\59.7108207-002140.316850.ch

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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-31

Collected:

Type: Grab

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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-32

Collected:

Type: Grab

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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-34

Client Sample ID: SB-8B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:41

% Solid: 90.7%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analyte	RT	Result	Units
Unknown Branched Alkane	6.72	2080	ug/Kg
Unknown Branched Alkane	7.31	2030	ug/Kg
Unknown Compound	7.52	917	ug/Kg
Unknown Branched Alkane	7.77	2760	ug/Kg
Unknown Acid	7.84	2430	ug/Kg
Unknown Branched Alkane	7.88	1020	ug/Kg
Unknown Compound	8.01	1010	ug/Kg
Unknown Ketone	8.05	1850	ug/Kg
Unknown Compound	8.11	1100	ug/Kg
Unknown Branched Alkane	8.24	1230	ug/Kg
Unknown Branched Alkane	8.30	1030	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.48	2620	ug/Kg
Unknown Branched Alkane	8.70	2870	ug/Kg
Unknown Branched Alkane	9.43	2660	ug/Kg
		Total :	25607 ug/Kg

Sample: 1107290-35

Client Sample ID: SB-8C

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:48

% Solid: 84.3%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analyte	RT	Result	Units
Unknown Ketone	3.90	744	ug/Kg
		Total :	744 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1107290-39

Client Sample ID: SB-9B

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:55

% Solid: 89.8%

Remarks:

Analyzed Date: 7/29/2011

Preparation Date(s) : 7/25/2011

Analyte	RT	Result	Units
Unknown Cycloalkane	5.66	5160	ug/Kg
Unknown Compound	5.91	4600	ug/Kg
Unknown Compound	5.98	4040	ug/Kg
Unknown Branched Alkene	6.72	11200	ug/Kg
Unknown Branched Alkane	6.99	4150	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.21	8270	ug/Kg
Unknown Branched Alkane	7.32	9290	ug/Kg
Unknown Compound	7.53	4350	ug/Kg
Unknown Branched Alkane	7.78	14100	ug/Kg
Unknown Compound	7.84	12400	ug/Kg
Unknown Compound	7.88	3870	ug/Kg
Unknown Compound	8.01	4950	ug/Kg
Unknown Compound	8.04	8670	ug/Kg
Unknown Compound	8.11	5210	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.24	7290	ug/Kg
Unknown Ketone	8.31	5350	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.35	3720	ug/Kg
Unknown Branched Alkane	8.47	6310	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.56	4850	ug/Kg
Unknown Branched Alkane	8.70	20700	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.80	5080	ug/Kg
Unknown Branched Alkane	9.38	3300	ug/Kg
Unknown Branched Alkane	9.43	25200	ug/Kg
Unknown Branched Alkane	9.78	5370	ug/Kg
Unknown Compound	10.21	4020	ug/Kg
		Total :	191450 ug/Kg



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9/9/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1247-17	19.2	ND	ug/Kg	U
11104-28-2	PCB 1221	K1247-17	19.2	ND	ug/Kg	U
11141-16-5	PCB 1232	K1247-17	19.2	ND	ug/Kg	U
53469-21-9	PCB 1242	K1247-17	19.2	ND	ug/Kg	U
12672-29-6	PCB 1248	K1247-17	19.2	ND	ug/Kg	U
11097-69-1	PCB 1254	K1247-17	19.2	ND	ug/Kg	U
11096-82-5	PCB 1260	K1247-17	13.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1247-17	36.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1247-17	56.6 %	(30 - 150)	



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9/9/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1247-18	19.7	ND	ug/Kg	U
11104-28-2	PCB 1221	K1247-18	19.7	ND	ug/Kg	U
11141-16-5	PCB 1232	K1247-18	19.7	ND	ug/Kg	U
53469-21-9	PCB 1242	K1247-18	19.7	ND	ug/Kg	U
12672-29-6	PCB 1248	K1247-18	19.7	ND	ug/Kg	U
11097-69-1	PCB 1254	K1247-18	19.7	ND	ug/Kg	U
11096-82-5	PCB 1260	K1247-18	13.8	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1247-18	34.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1247-18	41.1 %	(30 - 150)	



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9/9/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1247-19	19.3	ND	ug/Kg	U
11104-28-2	PCB 1221	K1247-19	19.3	ND	ug/Kg	U
11141-16-5	PCB 1232	K1247-19	19.3	ND	ug/Kg	U
53469-21-9	PCB 1242	K1247-19	19.3	ND	ug/Kg	U
12672-29-6	PCB 1248	K1247-19	19.3	ND	ug/Kg	U
11097-69-1	PCB 1254	K1247-19	19.3	ND	ug/Kg	U
11096-82-5	PCB 1260	K1247-19	13.5	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1247-19	61.2 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1247-19	30.5 %	(30 - 150)	



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9/9/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Remarks:

Analyzed Date: 7/27/2011

Preparation Date(s) : 7/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1247-20	16.8	ND	ug/Kg	U
11104-28-2	PCB 1221	K1247-20	16.8	ND	ug/Kg	U
11141-16-5	PCB 1232	K1247-20	16.8	ND	ug/Kg	U
53469-21-9	PCB 1242	K1247-20	16.8	ND	ug/Kg	U
12672-29-6	PCB 1248	K1247-20	16.8	ND	ug/Kg	U
11097-69-1	PCB 1254	K1247-20	16.8	ND	ug/Kg	U
11096-82-5	PCB 1260	K1247-20	11.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1247-20	39.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1247-20	49.4 %	(30 - 150)	



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9/9/2011

Lead by SW846 6010/EPA 200.7

Sample: 1107290-5

Client Sample ID: S-14A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:05

% Solid: 97.8%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.37	44.6	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1107290-6

Client Sample ID: S-15A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:10

% Solid: 98.8%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.37	38.9	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1107290-8

Client Sample ID: S-17A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:20

% Solid: 81.1%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.47	25.3	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

Lead by SW846 6010/EPA 200.7

Sample: 1107290-23

Client Sample ID: S-9A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:15

% Solid: 82.9%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.46	66.3	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1107290-30

Client Sample ID: S-12A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 14:20

% Solid: 99.3%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.36	60.6	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.016	0.029	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.016	0.081	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.017	0.027	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Remarks:

Analyzed Date: 7/26/2011

Preparation Date(s) : 7/25/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.015	0.045	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

TAL Metals by SW846 6010

Sample: 1107290-7

Client Sample ID: S-16A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 15:15

% Solid: 83%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/25/2011 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.45	1350	mg/Kg	
7440-36-0	Antimony	1.08	ND	mg/Kg	U
7440-38-2	Arsenic	0.84	ND	mg/Kg	U
7440-39-3	Barium	0.36	14.8	mg/Kg	
7440-41-7	Beryllium	0.21	ND	mg/Kg	U
7440-43-9	Cadmium	0.29	ND	mg/Kg	U
7440-70-2	Calcium	2.97	1360	mg/Kg	
7440-47-3	Chromium	0.22	5.60	mg/Kg	
7440-48-4	Cobalt	0.36	1.85	mg/Kg	
7440-50-8	Copper	0.93	12.0	mg/Kg	
7439-89-6	Iron	2.07	4300	mg/Kg	
7439-92-1	Lead	0.42	24.3	mg/Kg	
7439-95-4	Magnesium	4.36	1030	mg/Kg	
7439-96-5	Manganese	1.15	30.8	mg/Kg	
7440-02-0	Nickel	1.18	3.59	mg/Kg	
7440-09-7	Potassium	6.00	244	mg/Kg	
7782-49-2	Selenium	0.70	ND	mg/Kg	U
7440-22-4	Silver	0.32	ND	mg/Kg	U
7440-23-5	Sodium	2.49	333	mg/Kg	
7440-28-0	Thallium	0.90	ND	mg/Kg	U
7440-62-2	Vanadium	0.29	9.63	mg/Kg	
7440-66-6	Zinc	2.41	43.3	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

TAL Metals by SW846 6010

Sample: 1107290-26

Client Sample ID: S-11A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 13:46

% Solid: 80.6%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/25/2011 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.51	2960	mg/Kg	
7440-36-0	Antimony	1.12	ND	mg/Kg	U
7440-38-2	Arsenic	0.87	3.63	mg/Kg	
7440-39-3	Barium	0.37	23.9	mg/Kg	
7440-41-7	Beryllium	0.22	ND	mg/Kg	U
7440-43-9	Cadmium	0.30	0.35	mg/Kg	
7440-70-2	Calcium	3.10	805	mg/Kg	
7440-47-3	Chromium	0.23	12.0	mg/Kg	
7440-48-4	Cobalt	0.37	3.31	mg/Kg	
7440-50-8	Copper	0.97	9.02	mg/Kg	
7439-89-6	Iron	2.15	7770	mg/Kg	
7439-92-1	Lead	0.44	36.5	mg/Kg	
7439-95-4	Magnesium	4.54	863	mg/Kg	
7439-96-5	Manganese	1.20	128	mg/Kg	
7440-02-0	Nickel	1.23	8.21	mg/Kg	
7440-09-7	Potassium	6.25	540	mg/Kg	
7782-49-2	Selenium	0.73	ND	mg/Kg	U
7440-22-4	Silver	0.33	ND	mg/Kg	U
7440-23-5	Sodium	2.59	56.4	mg/Kg	
7440-28-0	Thallium	0.93	ND	mg/Kg	U
7440-62-2	Vanadium	0.30	12.8	mg/Kg	
7440-66-6	Zinc	2.51	38.9	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

TAL Metals by SW846 6010

Sample: 1107290-33

Client Sample ID: S-7A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 11:26

% Solid: 82.3%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/25/2011 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.55	938	mg/Kg	
7440-36-0	Antimony	1.16	ND	mg/Kg	U
7440-38-2	Arsenic	0.90	3.50	mg/Kg	
7440-39-3	Barium	0.38	16.0	mg/Kg	
7440-41-7	Beryllium	0.22	ND	mg/Kg	U
7440-43-9	Cadmium	0.31	0.36	mg/Kg	
7440-70-2	Calcium	3.19	304	mg/Kg	
7440-47-3	Chromium	0.23	5.85	mg/Kg	
7440-48-4	Cobalt	0.38	1.07	mg/Kg	
7440-50-8	Copper	1.00	6.41	mg/Kg	
7439-89-6	Iron	2.21	7130	mg/Kg	
7439-92-1	Lead	0.46	28.6	mg/Kg	
7439-95-4	Magnesium	4.67	497	mg/Kg	
7439-96-5	Manganese	1.23	31.4	mg/Kg	
7440-02-0	Nickel	1.27	3.20	mg/Kg	
7440-09-7	Potassium	6.43	376	mg/Kg	
7782-49-2	Selenium	0.75	ND	mg/Kg	U
7440-22-4	Silver	0.34	ND	mg/Kg	U
7440-23-5	Sodium	2.67	1390	mg/Kg	
7440-28-0	Thallium	0.96	ND	mg/Kg	U
7440-62-2	Vanadium	0.31	6.25	mg/Kg	
7440-66-6	Zinc	2.58	24.8	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

TAL Metals by SW846 6010

Sample: 1107290-37

Client Sample ID: S8-A

Matrix: Soil

Type: Grab

Collected: 7/20/2011 12:05

% Solid: 94.8%

Remarks:

Analyzed Date: 7/22/2011

Preparation Date(s) : 7/25/2011 7/21/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.29	1780	mg/Kg	
7440-36-0	Antimony	0.96	ND	mg/Kg	U
7440-38-2	Arsenic	0.75	2.79	mg/Kg	
7440-39-3	Barium	0.32	22.3	mg/Kg	
7440-41-7	Beryllium	0.18	ND	mg/Kg	U
7440-43-9	Cadmium	0.26	ND	mg/Kg	U
7440-70-2	Calcium	2.65	323	mg/Kg	
7440-47-3	Chromium	0.19	4.64	mg/Kg	
7440-48-4	Cobalt	0.32	1.72	mg/Kg	
7440-50-8	Copper	0.83	6.77	mg/Kg	
7439-89-6	Iron	1.84	4010	mg/Kg	
7439-92-1	Lead	0.38	24.7	mg/Kg	
7439-95-4	Magnesium	3.88	511	mg/Kg	
7439-96-5	Manganese	1.02	34.9	mg/Kg	
7440-02-0	Nickel	1.05	3.51	mg/Kg	
7440-09-7	Potassium	5.35	273	mg/Kg	
7782-49-2	Selenium	0.62	ND	mg/Kg	U
7440-22-4	Silver	0.29	ND	mg/Kg	U
7440-23-5	Sodium	2.22	363	mg/Kg	
7440-28-0	Thallium	0.80	ND	mg/Kg	U
7440-62-2	Vanadium	0.26	7.49	mg/Kg	
7440-66-6	Zinc	2.15	22.2	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

Case Narrative

METALS ANALYSIS - ICP & Mercury

Analytical Batch: CXXXX, E2386

SAMPLE INFORMATION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures. All required QA/QC parameters met acceptable limits unless otherwise noted below.

(Samples were analyzed as per the requested protocols. No analytical problems were encountered.)

(Due to the high concentrations of (elements), the following samples were re-analyzed at a ##x dilution:)

(The concentration of (element) exceeded the (set linear range) (highest calibration standard) in sample xxxx-x. A reanalysis at a ##x dilution was performed.)

(All data has been included in this report package.)

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

INITIAL & CONTINUING CALIBRATION VERIFICATION INFORMATION

Initial Calibration Verification (ICV):

All recoveries for the ICV associated with the samples were within QC limits.

(The recoveries of (elements) in the ICV associated with the samples did not meet QC criteria.)

Continuing Calibration Verification (CCV):

All recoveries for the CCV associated with the samples were within QC limits.

(The recoveries of (elements) in the CCV associated with the samples did not meet QC criteria.)

Mercury:

Initial Calibration Verification (ICV): All recoveries for the ICV associated with the samples were within QC limits.

Continuing Calibration Verification (CCV): All recoveries for the CCV associated with the samples were within QC limits with the exception of the CCV (seq.57). After reanalysis an ICV standard and CRA standard were analyzed. Sample analysis continued after these ICV/CRA analyses.

LOQ STANDARD INFORMATION

ICP:

Level of Quantitation Standard (CRI):

An initial and final CRI sample was analyzed at the required levels.

(All recoveries were within QC limits (70%-130%)with the exception of Antimony, Lead, and Thallium.)



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9/9/2011

Case Narrative

Level of Quantitation Standard (CRA):

An initial and final CRA sample was analyzed at the required levels.

(All recoveries were within QC limits (70%-130%)).

BLANK INFORMATION

Initial Calibration Blank (ICB):

All concentrations for the ICB associated with the samples met QC criteria.

(The concentrations of (elements) for the ICB associated with the samples did not meet QC criteria.)

Continuing Calibration Blank (CCB):

All concentrations for the CCB associated with the samples met QC criteria.

(The concentrations of (elements) for the CCB associated with the samples did not meet QC criteria.)

Preparation Blank (PB):

The Preparation Blank associated with the samples did not contain any target elements at or above the QC limits.

(The concentrations of (elements) in the Preparation Blank associated with the samples fell above the QC limits.)

((ELEMENT) was found in the (PBS/PBW) associated with the samples. The associated sample concentrations were greater than 10x the (PBS/PBW) concentration for this element, which is within QC limits, therefore, no further laboratory action was required.)

Mercury:

Initial Calibration Blank (ICB): All concentrations for the ICB met QC criteria.

Continuing Calibration Blank (CCB): All concentrations for the CCB associated with the samples met QC criteria.

Preparation Blank (PB): The PB associated with these samples did not contain any target elements at or above the QC limits.

(Mercury was found in the (PBS/PBW) associated with the samples. The associated sample concentrations were greater than 10x the (PBS/PBW) concentration for this element, which is within QC limits, therefore, no further laboratory action was required.)

INTERFERENCE CHECK SAMPLE INFORMATION

Initial Interference Check Sample (ICSA):

All recoveries for the Initial and Final ICSA associated with the samples were within QC limits.

(The recoveries of (elements) in the (Initial ICSA) and (Final ICSA) associated with the samples did not meet QC criteria.)

Initial Interference Check Sample (ICSAB):

All recoveries for the Initial and Final ICSAB associated with the samples were within QC limits.

(The recoveries of (elements) in the (Initial ICSAB) and (Final ICSAB) associated with the samples did not meet QC criteria.)

MATRIX SPIKE & POST DIGESTION SPIKE INFORMATION



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9/9/2011

Case Narrative

Batch QC Sample was utilized for the matrix spike analysis. All spike recoveries fell within QC limits (met QC criteria.)

(Based on the spike recoveries of the matrix spike sample, a Post Digestion spike was performed. All spike recoveries fell within QC limits. No further laboratory action was required.)

Mercury:

Batch QC Sample was utilized for the matrix spike analysis. The spike recovery fell within QC limits.)

DUPLICATE SAMPLE INFORMATION

ICP:

Batch QC Sample was utilized for the Duplicate (DUP) analysis. All %RPD met QC criteria.

Mercury:

Batch QC Sample was utilized for the Duplicate (DUP) analysis. The %RPD met QC criteria.

LABORATORY CONTROL SAMPLE INFORMATION

All recoveries for the LCSW/LCSS associated with the samples fell within QC limits.

(The recoveries of (elements) for the (LCSW/LCSS) associated with the samples did not meet QC criteria.)

Mercury:

The recovery for the LCSW/LCSS associated with the samples fell within QC limits.

SERIAL DILUTION SAMPLE INFORMATION

ICP ONLY:

Batch QC Sample was utilized for the Serial Dilution (DIL) analysis. All %Differences met QC criteria.

(Batch QC) (Sample) was utilized for the Serial Dilution (DIL) analysis.

Serial dilution criteria are not applicable for these samples.

Samples were reported from undiluted analyses.



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9/9/2011

Case Narrative

VOLATILES ANALYSIS - 1107290
GCMS-V

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.

All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Samples were analyzed as per the required protocols. No analytical problems were encountered.

The concentration of some target compounds exceeded the highest calibration standard in these samples. Reanalysis, at a dilution, was performed and reported herein.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

One (1) matrix spike blank was reported with each analytical batch. All percent recoveries of the spiked analytes met QC criteria.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package. Batch QC was utilized.

METHOD BLANK

The method blank samples associated with these samples did not contain any target compounds at or above QC limits.

TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:



- 1107290 -

Page: 243 of 249

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Case Narrative

2-Butanone

4-Methyl-2-pentanone

2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.

Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.

Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

Results were quantitated using initial calibration average of response factors.

Initial Calibration:

Average response factor for the quantitation method was acceptable for all compounds with the following exceptions in which linear regression was used:

Bromomethane (Coef = 0.997)

Chloroethane (Coef = 0.995)

Acrolein (Coef = 0.977)

Tetrahydrofuran (Coef = 0.998)

The following compounds have a %RDS greater than 15

Bromomethane 15.5

Chloroethane 19.78

Acrolein 43.12

Tetrahydrofuran 34.67

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.



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9/9/2011

Case Narrative

PCB(Aroclor) ANALYSIS

GC-SV: 1107290

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.

All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Samples were analyzed as per the requested protocols. No analytical problems were encountered.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

All spike recoveries for the MSB met QC criteria.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package.

METHOD BLANK

The method blank associated with these samples did not contain any target compounds at or above the QC and reporting limits.

INITIAL CALIBRATION INFORMATION

Linear regression initial calibration was performed in accordance with the Method.

All correlation coefficients for the calibration curves of the multicomponent analytes (PCB), were within QC limits.

CALIBRATION VERIFICATION INFORMATION

Calibration verification was performed in accordance with the Method.

All %Differences for the calibration verification were within QC limits.

COMPOUND IDENTIFICATION SUMMARY



not detected in any of the samples associated with this data set.

- 1107290 -

Page: 245 of 249

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Phone - 631-249-1456 Fax - 631-249-8344

9/9/2011

Case Narrative



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9/9/2011

Case Narrative

EPA 8270 Semivolatiles

Initial Calibration:

Average Response was used as the method of quantitation with the exception of the following compounds whose %RSD was >15%. For these compounds, linear regression was used:

Benzoic Acid (0.988 coefficient)

2,4-Dinitrophenol (0.995 coefficient)

4,6-Dinitro-2-methylphenol (0.996 coefficient)

pentachlorophenol (0.995 coefficient)

Results are estimated for any positive hit for these compounds listed.



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9/9/2011

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.

Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.

Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Initial Calibration:

Average response factor for the quantitation method was acceptable for all compounds with the following exceptions in which linear regression was used:

Bromomethane (Coef = 0.997)

Chloroethane (Coef = 0.995)

Acrolein (Coef = 0.977)

Tetrahydrofuran (Coef = 0.998)

The following compounds have a %RDS greater than 15

Bromomethane 15.5

Chloroethane 19.78

Acrolein 43.12

Tetrahydrofuran 34.67



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ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

- U - The analytical result is not detected above the Method Detection Limit (MDL).
All MDL's are lower than the lowest calibration standard concentration.
- J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- B - The analyte was found in the associated method blank as well as the sample.
It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- E - The concentration of the analyte exceeded the calibration range of the instrument.
- D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).
- U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

- E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

- AS - Semi-automated Spectrophotometric
- AV - Automated Cold Vapor AA
- C - Manual Spectrophotometric
- P - ICP
- T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

