

Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Laboratory Identifier: 1107319

Received: 7/21/11 16:51

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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-2

Client Sample ID: SB-33B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3776-1155	0.64	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3776-1155	0.77	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3776-1155	1.00	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3776-1155	0.95	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3776-1155	0.64	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3776-1155	0.57	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3776-1155	0.75	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3776-1155	1.23	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3776-1155	0.90	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3776-1155	1.59	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3776-1155	0.93	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3776-1155	0.77	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3776-1155	0.77	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3776-1155	2.08	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3776-1155	0.75	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3776-1155	0.82	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3776-1155	0.90	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3776-1155	0.98	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3776-1155	0.87	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3776-1155	0.69	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3776-1155	0.54	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3776-1155	0.54	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3776-1155	0.95	ND	ug/Kg	U
78-93-3	2-Butanone	A3776-1155	5.40	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3776-1155	4.19	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3776-1155	0.69	ND	ug/Kg	U
591-78-6	2-Hexanone	A3776-1155	2.26	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3776-1155	0.77	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3776-1155	0.59	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3776-1155	3.42	ND	ug/Kg	U
67-64-1	Acetone	A3776-1155	6.32	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3776-1155	15.8	ND	ug/Kg	U



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Volatiles - EPA 8260B

Sample: 1107319-2

Client Sample ID: SB-33B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3776-1155	0.80	ND	ug/Kg	U
108-86-1	Bromobenzene	A3776-1155	0.80	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3776-1155	1.05	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3776-1155	0.77	ND	ug/Kg	U
75-25-2	Bromoform	A3776-1155	0.85	ND	ug/Kg	U
74-83-9	Bromomethane	A3776-1155	1.26	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3776-1155	1.00	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3776-1155	0.80	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3776-1155	0.75	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3776-1155	0.98	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3776-1155	0.67	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3776-1155	0.75	ND	ug/Kg	U
75-00-3	Chloroethane	A3776-1155	1.11	ND	ug/Kg	U
67-66-3	Chloroform	A3776-1155	0.62	ND	ug/Kg	U
74-87-3	Chloromethane	A3776-1155	1.00	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3776-1155	0.51	ND	ug/Kg	U
74-95-3	Dibromomethane	A3776-1155	0.67	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3776-1155	1.00	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3776-1155	1.00	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3776-1155	0.87	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3776-1155	0.64	ND	ug/Kg	U
108-38-3	m,p-xylene	A3776-1155	1.62	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3776-1155	0.80	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3776-1155	0.51	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3776-1155	0.69	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3776-1155	0.90	ND	ug/Kg	U
91-20-3	Naphthalene	A3776-1155	1.36	ND	ug/Kg	U
95-47-6	o-xylene	A3776-1155	0.87	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3776-1155	0.69	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3776-1155	0.80	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3776-1155	0.72	ND	ug/Kg	U
100-42-5	Styrene	A3776-1155	0.46	ND	ug/Kg	U



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Volatiles - EPA 8260B

Sample: **1107319-2**

Client Sample ID: SB-33B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3776-1155	0.87	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3776-1155	0.85	ND	ug/Kg	U
994-05-8	TAME	A3776-1155	0.62	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3776-1155	0.67	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3776-1155	18.7	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3776-1155	0.75	ND	ug/Kg	U
108-88-3	Toluene	A3776-1155	0.85	ND	ug/Kg	U
79-01-6	Trichloroethene	A3776-1155	0.77	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3776-1155	0.75	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3776-1155	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	A3776-1155	105.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3776-1155	105.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3776-1155	104.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3776-1155	106.0 %	(87 - 109)	



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Volatiles - EPA 8260B

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3776-1156	0.65	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3776-1156	0.78	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3776-1156	1.02	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3776-1156	0.97	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3776-1156	0.65	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3776-1156	0.57	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3776-1156	0.76	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3776-1156	1.25	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3776-1156	0.91	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3776-1156	1.62	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3776-1156	0.94	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3776-1156	0.78	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3776-1156	0.78	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3776-1156	2.11	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3776-1156	0.76	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3776-1156	0.84	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3776-1156	0.91	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3776-1156	0.99	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3776-1156	0.89	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3776-1156	0.70	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3776-1156	0.55	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3776-1156	0.55	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3776-1156	0.97	ND	ug/Kg	U
78-93-3	2-Butanone	A3776-1156	5.48	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3776-1156	4.25	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3776-1156	0.70	ND	ug/Kg	U
591-78-6	2-Hexanone	A3776-1156	2.30	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3776-1156	0.78	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3776-1156	0.60	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3776-1156	3.47	ND	ug/Kg	U
67-64-1	Acetone	A3776-1156	6.42	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3776-1156	16.1	ND	ug/Kg	U



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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3776-1156	0.81	ND	ug/Kg	U
108-86-1	Bromobenzene	A3776-1156	0.81	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3776-1156	1.07	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3776-1156	0.78	ND	ug/Kg	U
75-25-2	Bromoform	A3776-1156	0.86	ND	ug/Kg	U
74-83-9	Bromomethane	A3776-1156	1.28	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3776-1156	1.02	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3776-1156	0.81	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3776-1156	0.76	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3776-1156	0.99	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3776-1156	0.68	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3776-1156	0.76	ND	ug/Kg	U
75-00-3	Chloroethane	A3776-1156	1.12	ND	ug/Kg	U
67-66-3	Chloroform	A3776-1156	0.63	ND	ug/Kg	U
74-87-3	Chloromethane	A3776-1156	1.02	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3776-1156	0.52	ND	ug/Kg	U
74-95-3	Dibromomethane	A3776-1156	0.68	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3776-1156	1.02	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3776-1156	1.02	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3776-1156	0.89	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3776-1156	0.65	ND	ug/Kg	U
108-38-3	m,p-xylene	A3776-1156	1.64	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3776-1156	0.81	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3776-1156	0.52	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3776-1156	0.70	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3776-1156	0.91	ND	ug/Kg	U
91-20-3	Naphthalene	A3776-1156	1.38	ND	ug/Kg	U
95-47-6	o-xylene	A3776-1156	0.89	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3776-1156	0.70	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3776-1156	0.81	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3776-1156	0.73	ND	ug/Kg	U
100-42-5	Styrene	A3776-1156	0.47	ND	ug/Kg	U



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Volatiles - EPA 8260B

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3776-1156	0.89	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3776-1156	0.86	ND	ug/Kg	U
994-05-8	TAME	A3776-1156	0.63	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3776-1156	0.68	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3776-1156	19.0	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3776-1156	0.76	ND	ug/Kg	U
108-88-3	Toluene	A3776-1156	0.86	ND	ug/Kg	U
79-01-6	Trichloroethene	A3776-1156	0.78	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3776-1156	0.76	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3776-1156	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	A3776-1156	106.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3776-1156	104.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3776-1156	104.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3776-1156	107.0 %	(87 - 109)	



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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-5

Client Sample ID: SB-35B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:34

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3778-1200	0.64	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3778-1200	0.76	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3778-1200	0.99	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3778-1200	0.94	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3778-1200	0.64	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3778-1200	0.56	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3778-1200	0.74	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3778-1200	1.22	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3778-1200	0.89	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3778-1200	1.58	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3778-1200	0.92	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3778-1200	0.76	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3778-1200	0.76	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3778-1200	2.07	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3778-1200	0.74	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3778-1200	0.82	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3778-1200	0.89	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3778-1200	0.97	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3778-1200	0.87	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3778-1200	0.69	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3778-1200	0.54	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3778-1200	0.54	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3778-1200	0.94	ND	ug/Kg	U
78-93-3	2-Butanone	A3778-1200	5.36	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3778-1200	4.16	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3778-1200	0.69	ND	ug/Kg	U
591-78-6	2-Hexanone	A3778-1200	2.24	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3778-1200	0.76	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3778-1200	0.59	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3778-1200	3.39	ND	ug/Kg	U
67-64-1	Acetone	A3778-1200	6.27	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3778-1200	15.7	ND	ug/Kg	U



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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-5

Client Sample ID: SB-35B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:34

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3778-1200	0.79	ND	ug/Kg	U
108-86-1	Bromobenzene	A3778-1200	0.79	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3778-1200	1.05	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3778-1200	0.76	ND	ug/Kg	U
75-25-2	Bromoform	A3778-1200	0.84	ND	ug/Kg	U
74-83-9	Bromomethane	A3778-1200	1.25	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3778-1200	0.99	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3778-1200	0.79	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3778-1200	0.74	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3778-1200	0.97	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3778-1200	0.66	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3778-1200	0.74	ND	ug/Kg	U
75-00-3	Chloroethane	A3778-1200	1.10	ND	ug/Kg	U
67-66-3	Chloroform	A3778-1200	0.61	ND	ug/Kg	U
74-87-3	Chloromethane	A3778-1200	0.99	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3778-1200	0.51	ND	ug/Kg	U
74-95-3	Dibromomethane	A3778-1200	0.66	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3778-1200	0.99	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3778-1200	0.99	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3778-1200	0.87	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3778-1200	0.64	ND	ug/Kg	U
108-38-3	m,p-xylene	A3778-1200	1.61	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3778-1200	0.79	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3778-1200	0.51	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3778-1200	0.69	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3778-1200	0.89	ND	ug/Kg	U
91-20-3	Naphthalene	A3778-1200	1.35	ND	ug/Kg	U
95-47-6	o-xylene	A3778-1200	0.87	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3778-1200	0.69	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3778-1200	0.79	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3778-1200	0.71	ND	ug/Kg	U
100-42-5	Styrene	A3778-1200	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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-5

Client Sample ID: SB-35B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:34

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3778-1200	0.87	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3778-1200	0.84	ND	ug/Kg	U
994-05-8	TAME	A3778-1200	0.61	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3778-1200	0.66	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3778-1200	18.6	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3778-1200	0.74	ND	ug/Kg	U
108-88-3	Toluene	A3778-1200	0.84	ND	ug/Kg	U
79-01-6	Trichloroethene	A3778-1200	0.76	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3778-1200	0.74	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3778-1200	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	A3778-1200	96.4 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3778-1200	99.6 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3778-1200	92.5 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3778-1200	105.0 %	(87 - 109)	



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208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-6

Client Sample ID: SB-35C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:37

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3778-1201	0.65	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3778-1201	0.79	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3778-1201	1.02	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3778-1201	0.97	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3778-1201	0.65	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3778-1201	0.58	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3778-1201	0.76	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3778-1201	1.26	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3778-1201	0.92	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3778-1201	1.62	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3778-1201	0.94	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3778-1201	0.79	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3778-1201	0.79	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3778-1201	2.12	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3778-1201	0.76	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3778-1201	0.84	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3778-1201	0.92	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3778-1201	1.00	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3778-1201	0.89	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3778-1201	0.71	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3778-1201	0.55	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3778-1201	0.55	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3778-1201	0.97	ND	ug/Kg	U
78-93-3	2-Butanone	A3778-1201	5.50	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3778-1201	4.27	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3778-1201	0.71	ND	ug/Kg	U
591-78-6	2-Hexanone	A3778-1201	2.31	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3778-1201	0.79	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3778-1201	0.60	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3778-1201	3.48	ND	ug/Kg	U
67-64-1	Acetone	A3778-1201	6.45	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3778-1201	16.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-6

Client Sample ID: SB-35C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:37

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3778-1201	0.81	ND	ug/Kg	U
108-86-1	Bromobenzene	A3778-1201	0.81	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3778-1201	1.07	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3778-1201	0.79	ND	ug/Kg	U
75-25-2	Bromoform	A3778-1201	0.86	ND	ug/Kg	U
74-83-9	Bromomethane	A3778-1201	1.28	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3778-1201	1.02	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3778-1201	0.81	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3778-1201	0.76	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3778-1201	1.00	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3778-1201	0.68	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3778-1201	0.76	ND	ug/Kg	U
75-00-3	Chloroethane	A3778-1201	1.13	ND	ug/Kg	U
67-66-3	Chloroform	A3778-1201	0.63	ND	ug/Kg	U
74-87-3	Chloromethane	A3778-1201	1.02	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3778-1201	0.52	ND	ug/Kg	U
74-95-3	Dibromomethane	A3778-1201	0.68	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3778-1201	1.02	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3778-1201	1.02	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3778-1201	0.89	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3778-1201	0.65	ND	ug/Kg	U
108-38-3	m,p-xylene	A3778-1201	1.65	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3778-1201	0.81	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3778-1201	0.52	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3778-1201	0.71	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3778-1201	0.92	ND	ug/Kg	U
91-20-3	Naphthalene	A3778-1201	1.39	ND	ug/Kg	U
95-47-6	o-xylene	A3778-1201	0.89	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3778-1201	0.71	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3778-1201	0.81	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3778-1201	0.73	ND	ug/Kg	U
100-42-5	Styrene	A3778-1201	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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-6

Client Sample ID: SB-35C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:37

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3778-1201	0.89	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3778-1201	0.86	ND	ug/Kg	U
994-05-8	TAME	A3778-1201	0.63	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3778-1201	0.68	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3778-1201	19.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3778-1201	0.76	ND	ug/Kg	U
108-88-3	Toluene	A3778-1201	0.86	ND	ug/Kg	U
79-01-6	Trichloroethene	A3778-1201	0.79	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3778-1201	0.76	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3778-1201	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	A3778-1201	96.2 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3778-1201	99.6 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3778-1201	92.8 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3778-1201	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-8

Client Sample ID: SB-36B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:55

% Solid: 86.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3778-1202	0.65	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3778-1202	0.78	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3778-1202	1.01	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3778-1202	0.96	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3778-1202	0.65	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3778-1202	0.57	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3778-1202	0.75	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3778-1202	1.25	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3778-1202	0.91	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3778-1202	1.61	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3778-1202	0.94	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3778-1202	0.78	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3778-1202	0.78	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3778-1202	2.11	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3778-1202	0.75	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3778-1202	0.83	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3778-1202	0.91	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3778-1202	0.99	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3778-1202	0.88	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3778-1202	0.70	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3778-1202	0.55	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3778-1202	0.55	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3778-1202	0.96	ND	ug/Kg	U
78-93-3	2-Butanone	A3778-1202	5.46	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3778-1202	4.24	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3778-1202	0.70	ND	ug/Kg	U
591-78-6	2-Hexanone	A3778-1202	2.29	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3778-1202	0.78	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3778-1202	0.60	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3778-1202	3.46	ND	ug/Kg	U
67-64-1	Acetone	A3778-1202	6.40	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3778-1202	16.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-8

Client Sample ID: SB-36B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:55

% Solid: 86.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3778-1202	0.81	ND	ug/Kg	U
108-86-1	Bromobenzene	A3778-1202	0.81	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3778-1202	1.07	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3778-1202	0.78	ND	ug/Kg	U
75-25-2	Bromoform	A3778-1202	0.86	ND	ug/Kg	U
74-83-9	Bromomethane	A3778-1202	1.27	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3778-1202	1.01	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3778-1202	0.81	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3778-1202	0.75	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3778-1202	0.99	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3778-1202	0.68	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3778-1202	0.75	ND	ug/Kg	U
75-00-3	Chloroethane	A3778-1202	1.12	ND	ug/Kg	U
67-66-3	Chloroform	A3778-1202	0.62	ND	ug/Kg	U
74-87-3	Chloromethane	A3778-1202	1.01	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3778-1202	0.52	ND	ug/Kg	U
74-95-3	Dibromomethane	A3778-1202	0.68	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3778-1202	1.01	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3778-1202	1.01	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3778-1202	0.88	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3778-1202	0.65	ND	ug/Kg	U
108-38-3	m,p-xylene	A3778-1202	1.64	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3778-1202	0.81	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3778-1202	0.52	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3778-1202	0.70	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3778-1202	0.91	ND	ug/Kg	U
91-20-3	Naphthalene	A3778-1202	1.38	ND	ug/Kg	U
95-47-6	o-xylene	A3778-1202	0.88	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3778-1202	0.70	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3778-1202	0.81	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3778-1202	0.73	ND	ug/Kg	U
100-42-5	Styrene	A3778-1202	0.47	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-8

Client Sample ID: SB-36B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:55

% Solid: 86.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3778-1202	0.88	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3778-1202	0.86	ND	ug/Kg	U
994-05-8	TAME	A3778-1202	0.62	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3778-1202	0.68	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3778-1202	18.9	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3778-1202	0.75	ND	ug/Kg	U
108-88-3	Toluene	A3778-1202	0.86	ND	ug/Kg	U
79-01-6	Trichloroethene	A3778-1202	0.78	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3778-1202	0.75	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3778-1202	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	A3778-1202	95.3 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3778-1202	103.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3778-1202	91.6 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3778-1202	105.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-9

Client Sample ID: SB-36C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 14:59

% Solid: 83.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3779-1212	0.67	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3779-1212	0.81	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3779-1212	1.05	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3779-1212	1.00	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3779-1212	0.67	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3779-1212	0.59	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3779-1212	0.78	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3779-1212	1.29	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3779-1212	0.94	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3779-1212	1.67	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3779-1212	0.97	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3779-1212	0.81	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3779-1212	0.81	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3779-1212	2.18	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3779-1212	0.78	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3779-1212	0.86	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3779-1212	0.94	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3779-1212	1.02	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3779-1212	0.91	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3779-1212	0.73	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3779-1212	0.56	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3779-1212	0.56	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3779-1212	1.00	ND	ug/Kg	U
78-93-3	2-Butanone	A3779-1212	5.65	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3779-1212	4.38	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3779-1212	0.73	ND	ug/Kg	U
591-78-6	2-Hexanone	A3779-1212	2.37	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3779-1212	0.81	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3779-1212	0.62	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3779-1212	3.58	ND	ug/Kg	U
67-64-1	Acetone	A3779-1212	6.62	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3779-1212	16.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-9

Client Sample ID: SB-36C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 14:59

% Solid: 83.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3779-1212	0.83	ND	ug/Kg	U
108-86-1	Bromobenzene	A3779-1212	0.83	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3779-1212	1.10	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3779-1212	0.81	ND	ug/Kg	U
75-25-2	Bromoform	A3779-1212	0.89	ND	ug/Kg	U
74-83-9	Bromomethane	A3779-1212	1.32	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3779-1212	1.05	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3779-1212	0.83	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3779-1212	0.78	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3779-1212	1.02	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3779-1212	0.70	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3779-1212	0.78	ND	ug/Kg	U
75-00-3	Chloroethane	A3779-1212	1.16	ND	ug/Kg	U
67-66-3	Chloroform	A3779-1212	0.65	ND	ug/Kg	U
74-87-3	Chloromethane	A3779-1212	1.05	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3779-1212	0.54	ND	ug/Kg	U
74-95-3	Dibromomethane	A3779-1212	0.70	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3779-1212	1.05	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3779-1212	1.05	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3779-1212	0.91	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3779-1212	0.67	ND	ug/Kg	U
108-38-3	m,p-xylene	A3779-1212	1.69	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3779-1212	0.83	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3779-1212	0.54	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3779-1212	0.73	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3779-1212	0.94	ND	ug/Kg	U
91-20-3	Naphthalene	A3779-1212	1.43	ND	ug/Kg	U
95-47-6	o-xylene	A3779-1212	0.91	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3779-1212	0.73	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3779-1212	0.83	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3779-1212	0.75	ND	ug/Kg	U
100-42-5	Styrene	A3779-1212	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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-9

Client Sample ID: SB-36C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 14:59

% Solid: 83.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3779-1212	0.91	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3779-1212	0.89	ND	ug/Kg	U
994-05-8	TAME	A3779-1212	0.65	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3779-1212	0.70	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3779-1212	19.6	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3779-1212	0.78	ND	ug/Kg	U
108-88-3	Toluene	A3779-1212	0.89	ND	ug/Kg	U
79-01-6	Trichloroethene	A3779-1212	0.81	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3779-1212	0.78	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3779-1212	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	A3779-1212	98.3 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3779-1212	103.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3779-1212	93.9 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3779-1212	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-10

Client Sample ID: SB-36D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:05

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3779-1213	0.69	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3779-1213	0.83	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3779-1213	1.08	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3779-1213	1.02	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3779-1213	0.69	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3779-1213	0.61	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3779-1213	0.80	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3779-1213	1.32	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3779-1213	0.97	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3779-1213	1.71	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3779-1213	0.99	25.9	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3779-1213	0.83	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3779-1213	0.83	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3779-1213	2.24	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3779-1213	0.80	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3779-1213	0.88	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3779-1213	0.97	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3779-1213	1.05	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3779-1213	0.94	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3779-1213	0.75	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3779-1213	0.58	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3779-1213	0.58	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3779-1213	1.02	ND	ug/Kg	U
78-93-3	2-Butanone	A3779-1213	5.80	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3779-1213	4.50	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3779-1213	0.75	ND	ug/Kg	U
591-78-6	2-Hexanone	A3779-1213	2.43	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3779-1213	0.83	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3779-1213	0.63	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3779-1213	3.67	ND	ug/Kg	U
67-64-1	Acetone	A3779-1213	6.79	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3779-1213	17.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-10

Client Sample ID: SB-36D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:05

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3779-1213	0.86	ND	ug/Kg	U
108-86-1	Bromobenzene	A3779-1213	0.86	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3779-1213	1.13	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3779-1213	0.83	ND	ug/Kg	U
75-25-2	Bromoform	A3779-1213	0.91	ND	ug/Kg	U
74-83-9	Bromomethane	A3779-1213	1.35	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3779-1213	1.08	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3779-1213	0.86	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3779-1213	0.80	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3779-1213	1.05	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3779-1213	0.72	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3779-1213	0.80	ND	ug/Kg	U
75-00-3	Chloroethane	A3779-1213	1.19	ND	ug/Kg	U
67-66-3	Chloroform	A3779-1213	0.66	ND	ug/Kg	U
74-87-3	Chloromethane	A3779-1213	1.08	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3779-1213	0.55	ND	ug/Kg	U
74-95-3	Dibromomethane	A3779-1213	0.72	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3779-1213	1.08	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3779-1213	1.08	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3779-1213	0.94	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3779-1213	0.69	ND	ug/Kg	U
108-38-3	m,p-xylene	A3779-1213	1.74	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3779-1213	0.86	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3779-1213	0.55	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3779-1213	0.75	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3779-1213	0.97	ND	ug/Kg	U
91-20-3	Naphthalene	A3779-1213	1.46	21.6	ug/Kg	
95-47-6	o-xylene	A3779-1213	0.94	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3779-1213	0.75	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3779-1213	0.86	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3779-1213	0.77	ND	ug/Kg	U
100-42-5	Styrene	A3779-1213	0.50	ND	ug/Kg	U



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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-10

Client Sample ID: SB-36D

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:05

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3779-1213	0.94	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3779-1213	0.91	ND	ug/Kg	U
994-05-8	TAME	A3779-1213	0.66	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3779-1213	0.72	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3779-1213	20.1	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3779-1213	0.80	ND	ug/Kg	U
108-88-3	Toluene	A3779-1213	0.91	ND	ug/Kg	U
79-01-6	Trichloroethene	A3779-1213	0.83	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3779-1213	0.80	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3779-1213	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	A3779-1213	96.3 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	A3779-1213	106.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A3779-1213	91.8 %	(77 - 127)	
2037-26-5	TOLUENE-D8	A3779-1213	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-11

Client Sample ID: SB-37B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:16

% Solid: 89.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3779-1214	120	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3779-1214	132	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3779-1214	104	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3779-1214	125	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3779-1214	122	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3779-1214	140	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3779-1214	129	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3779-1214	111	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3779-1214	86.2	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3779-1214	108	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3779-1214	108	1100	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3779-1214	93.1	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3779-1214	117	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3779-1214	104	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3779-1214	108	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3779-1214	111	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3779-1214	135	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3779-1214	124	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3779-1214	114	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3779-1214	107	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3779-1214	115	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3779-1214	108	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3779-1214	121	ND	ug/Kg	U
78-93-3	2-Butanone	A3779-1214	106	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3779-1214	197	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3779-1214	115	ND	ug/Kg	U
591-78-6	2-Hexanone	A3779-1214	84.8	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3779-1214	108	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3779-1214	113	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3779-1214	120	ND	ug/Kg	U
67-64-1	Acetone	A3779-1214	161	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3779-1214	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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-11

Client Sample ID: SB-37B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:16

% Solid: 89.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3779-1214	122	ND	ug/Kg	U
108-86-1	Bromobenzene	A3779-1214	111	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3779-1214	126	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3779-1214	124	ND	ug/Kg	U
75-25-2	Bromoform	A3779-1214	113	ND	ug/Kg	U
74-83-9	Bromomethane	A3779-1214	142	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3779-1214	124	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3779-1214	121	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3779-1214	114	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3779-1214	125	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3779-1214	120	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3779-1214	129	ND	ug/Kg	U
75-00-3	Chloroethane	A3779-1214	200	ND	ug/Kg	U
67-66-3	Chloroform	A3779-1214	135	ND	ug/Kg	U
74-87-3	Chloromethane	A3779-1214	110	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3779-1214	115	ND	ug/Kg	U
74-95-3	Dibromomethane	A3779-1214	126	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3779-1214	111	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3779-1214	124	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3779-1214	110	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3779-1214	120	ND	ug/Kg	U
108-38-3	m,p-xylene	A3779-1214	242	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3779-1214	122	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3779-1214	150	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3779-1214	115	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3779-1214	113	ND	ug/Kg	U
91-20-3	Naphthalene	A3779-1214	84.8	ND	ug/Kg	U
95-47-6	o-xylene	A3779-1214	118	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3779-1214	107	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3779-1214	113	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3779-1214	108	ND	ug/Kg	U
100-42-5	Styrene	A3779-1214	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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-11

Client Sample ID: SB-37B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:16

% Solid: 89.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3779-1214	132	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3779-1214	110	ND	ug/Kg	U
994-05-8	TAME	A3779-1214	120	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3779-1214	118	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3779-1214	1130	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3779-1214	117	ND	ug/Kg	U
108-88-3	Toluene	A3779-1214	150	ND	ug/Kg	U
79-01-6	Trichloroethene	A3779-1214	131	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3779-1214	139	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3779-1214	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	A3779-1214	97.5 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3779-1214	105.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3779-1214	94.2 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3779-1214	103.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-12

Client Sample ID: SB-37C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:20

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A3779-1215	122	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3779-1215	135	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3779-1215	106	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3779-1215	128	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3779-1215	125	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3779-1215	143	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3779-1215	132	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3779-1215	114	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3779-1215	88.0	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3779-1215	111	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3779-1215	111	3010	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	A3779-1215	95.1	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3779-1215	119	427	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	A3779-1215	106	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3779-1215	111	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A3779-1215	114	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3779-1215	138	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3779-1215	126	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3779-1215	116	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A3779-1215	109	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3779-1215	118	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3779-1215	111	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3779-1215	124	ND	ug/Kg	U
78-93-3	2-Butanone	A3779-1215	108	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3779-1215	202	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3779-1215	118	ND	ug/Kg	U
591-78-6	2-Hexanone	A3779-1215	86.6	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3779-1215	111	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3779-1215	115	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3779-1215	122	ND	ug/Kg	U
67-64-1	Acetone	A3779-1215	165	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3779-1215	537	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-12

Client Sample ID: SB-37C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:20

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	A3779-1215	125	ND	ug/Kg	U
108-86-1	Bromobenzene	A3779-1215	114	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3779-1215	129	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3779-1215	126	ND	ug/Kg	U
75-25-2	Bromoform	A3779-1215	115	ND	ug/Kg	U
74-83-9	Bromomethane	A3779-1215	145	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3779-1215	126	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3779-1215	124	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3779-1215	116	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3779-1215	128	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3779-1215	122	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3779-1215	132	ND	ug/Kg	U
75-00-3	Chloroethane	A3779-1215	204	ND	ug/Kg	U
67-66-3	Chloroform	A3779-1215	138	ND	ug/Kg	U
74-87-3	Chloromethane	A3779-1215	112	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3779-1215	118	ND	ug/Kg	U
74-95-3	Dibromomethane	A3779-1215	129	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3779-1215	114	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3779-1215	126	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3779-1215	112	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3779-1215	122	ND	ug/Kg	U
108-38-3	m,p-xylene	A3779-1215	247	419	ug/Kg	J
1634-04-4	Methyl t-butyl ether	A3779-1215	125	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3779-1215	153	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3779-1215	118	670	ug/Kg	J
103-65-1	n-Propylbenzene	A3779-1215	115	296	ug/Kg	J
91-20-3	Naphthalene	A3779-1215	86.6	2320	ug/Kg	
95-47-6	o-xylene	A3779-1215	121	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3779-1215	109	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3779-1215	115	510	ug/Kg	J
135-98-8	sec-Butylbenzene	A3779-1215	111	ND	ug/Kg	U
100-42-5	Styrene	A3779-1215	115	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-12

Client Sample ID: SB-37C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:20

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	A3779-1215	135	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3779-1215	112	ND	ug/Kg	U
994-05-8	TAME	A3779-1215	122	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3779-1215	121	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3779-1215	1150	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3779-1215	119	ND	ug/Kg	U
108-88-3	Toluene	A3779-1215	153	ND	ug/Kg	U
79-01-6	Trichloroethene	A3779-1215	133	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3779-1215	142	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3779-1215	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	A3779-1215	97.9 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3779-1215	110.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3779-1215	93.1 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3779-1215	105.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-13

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/26/11

Type: Grab

Collected: 7/21/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3961-1223	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3961-1223	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3961-1223	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3961-1223	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3961-1223	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3961-1223	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3961-1223	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3961-1223	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3961-1223	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3961-1223	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3961-1223	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3961-1223	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3961-1223	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3961-1223	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3961-1223	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3961-1223	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3961-1223	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3961-1223	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3961-1223	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3961-1223	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3961-1223	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3961-1223	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3961-1223	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3961-1223	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3961-1223	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3961-1223	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3961-1223	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3961-1223	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3961-1223	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3961-1223	1.82	ND	ug/L	U
67-64-1	Acetone	C3961-1223	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3961-1223	7.65	ND	ug/L	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-13

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/26/11

Type: Grab

Collected: 7/21/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3961-1223	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3961-1223	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3961-1223	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3961-1223	0.50	ND	ug/L	U
75-25-2	Bromoform	C3961-1223	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3961-1223	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3961-1223	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3961-1223	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3961-1223	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3961-1223	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3961-1223	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3961-1223	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3961-1223	0.94	ND	ug/L	U
67-66-3	Chloroform	C3961-1223	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3961-1223	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3961-1223	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3961-1223	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3961-1223	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3961-1223	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3961-1223	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3961-1223	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3961-1223	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3961-1223	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3961-1223	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3961-1223	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3961-1223	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3961-1223	0.33	ND	ug/L	U
95-47-6	o-xylene	C3961-1223	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3961-1223	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3961-1223	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3961-1223	0.36	ND	ug/L	U
100-42-5	Styrene	C3961-1223	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

9/9/11

Volatiles - EPA 8260B

Sample: 1107319-13

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/26/11

Type: Grab

Collected: 7/21/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3961-1223	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3961-1223	0.37	ND	ug/L	U
994-05-8	TAME	C3961-1223	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3961-1223	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3961-1223	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3961-1223	0.59	ND	ug/L	U
108-88-3	Toluene	C3961-1223	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3961-1223	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3961-1223	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3961-1223	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3961-1223	81.4 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3961-1223	102.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3961-1223	89.4 %	(80 - 117)	
2037-26-5	TOLUENE-D8	C3961-1223	105.0 %	(92 - 111)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-14

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/26/11

Type: Grab

Collected: 7/21/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3961-1224	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3961-1224	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3961-1224	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3961-1224	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3961-1224	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3961-1224	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3961-1224	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3961-1224	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3961-1224	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3961-1224	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3961-1224	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3961-1224	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3961-1224	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3961-1224	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3961-1224	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3961-1224	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3961-1224	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3961-1224	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3961-1224	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3961-1224	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3961-1224	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3961-1224	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3961-1224	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3961-1224	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3961-1224	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3961-1224	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3961-1224	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3961-1224	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3961-1224	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3961-1224	1.82	ND	ug/L	U
67-64-1	Acetone	C3961-1224	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3961-1224	7.65	ND	ug/L	U



Environmental Quality Services, Inc.

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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-14

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/26/11

Type: Grab

Collected: 7/21/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3961-1224	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3961-1224	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3961-1224	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3961-1224	0.50	ND	ug/L	U
75-25-2	Bromoform	C3961-1224	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3961-1224	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3961-1224	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3961-1224	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3961-1224	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3961-1224	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3961-1224	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3961-1224	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3961-1224	0.94	ND	ug/L	U
67-66-3	Chloroform	C3961-1224	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3961-1224	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3961-1224	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3961-1224	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3961-1224	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3961-1224	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3961-1224	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3961-1224	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3961-1224	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3961-1224	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3961-1224	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3961-1224	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3961-1224	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3961-1224	0.33	ND	ug/L	U
95-47-6	o-xylene	C3961-1224	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3961-1224	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3961-1224	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3961-1224	0.36	ND	ug/L	U
100-42-5	Styrene	C3961-1224	0.39	ND	ug/L	U



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9/9/11

Volatiles - EPA 8260B

Sample: 1107319-14

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 7/26/11

Type: Grab

Collected: 7/21/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3961-1224	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3961-1224	0.37	ND	ug/L	U
994-05-8	TAME	C3961-1224	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3961-1224	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3961-1224	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3961-1224	0.59	ND	ug/L	U
108-88-3	Toluene	C3961-1224	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3961-1224	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3961-1224	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3961-1224	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3961-1224	84.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3961-1224	106.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3961-1224	90.2 %	(80 - 117)	
2037-26-5	TOLUENE-D8	C3961-1224	105.0 %	(92 - 111)	



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9/9/11

Volatiles +10 - TIC Search

Sample: 1107319-2

Client Sample ID: SB-33B

Matrix: Soil

Remarks:

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Remarks:

Analyzed Date: 7/30/11

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107319-5

Client Sample ID: SB-35B

Matrix: Soil

Remarks:

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:34

% Solid: 88.3%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107319-6

Client Sample ID: SB-35C

Matrix: Soil

Remarks:

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:37

% Solid: 86%

Analyte	RT	Result	Units
None Detected			ug/Kg



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9/9/11

Volatiles +10 - TIC Search

Sample: 1107319-8

Client Sample ID: SB-36B

Matrix: Soil

Remarks:

Analyzed Date: 8/2/11

Type: Grab

Collected: 7/21/11 14:55

% Solid: 86.7%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107319-9

Client Sample ID: SB-36C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 14:59

% Solid: 83.6%

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1107319-10

Client Sample ID: SB-36D

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:05

% Solid: 81.5%

Analyte	RT	Result	Units
Unknown Compound	24.29	35.9	ug/Kg
Unknown Branched Alkyl Benzene	25.24	27	ug/Kg
Unknown Branched Alkene	26.96	66.2	ug/Kg
Unknown Branched Alkyl Benzene	27.12	31.6	ug/Kg
Unknown Branched Alkene	27.61	64.8	ug/Kg
Unknown Branched Alkene	27.77	46.2	ug/Kg
Unknown Branched Alkyl Benzene	28.33	26.2	ug/Kg
Unknown Aromatic	28.40	27.4	ug/Kg
Unknown Branched Alkene	28.63	22.6	ug/Kg
Unknown Branched Alkene	28.91	40.4	ug/Kg
		Total :	388 ug/Kg



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9/9/11

Volatiles +10 - TIC Search

Sample: 1107319-11

Client Sample ID: SB-37B

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:16

% Solid: 89.7%

Analyte	RT	Result	Units
Unknown Compound	24.31	1960	ug/Kg
Unknown Branched Alkene	26.96	1830	ug/Kg
Unknown Branched Alkyl Benzene	27.13	3790	ug/Kg
Unknown Branched Alkene	27.51	2250	ug/Kg
Unknown Branched Alkyl Benzene	27.60	3280	ug/Kg
Unknown Branched Alkyl Benzene	27.78	2020	ug/Kg
Unknown Aromatic	28.17	1800	ug/Kg
Unknown Branched Alkyl Benzene	28.31	2910	ug/Kg
Unknown Aromatic	28.90	3070	ug/Kg
Unknown Branched Alkene	29.23	2580	ug/Kg
		Total :	25490 ug/Kg

Sample: 1107319-12

Client Sample ID: SB-37C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Type: Grab

Collected: 7/21/11 15:20

% Solid: 88.3%

Analyte	RT	Result	Units
Unknown Aromatic	24.31	6040	ug/Kg
Unknown Branched Alkyl Benzene	25.24	4370	ug/Kg
Unknown Branched Alkyl Benzene	25.47	3250	ug/Kg
Unknown Compound	26.96	4720	ug/Kg
Unknown Branched Alkyl Benzene	27.13	5940	ug/Kg
Unknown Branched Alkene	27.51	3910	ug/Kg
Unknown Branched Alkyl Benzene	27.61	3930	ug/Kg
Unknown Branched Alkyl Benzene	28.32	3020	ug/Kg
Unknown Branched Alkene	28.90	4010	ug/Kg
Unknown Branched Alkene	29.23	2970	ug/Kg
		Total :	42160 ug/Kg



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9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-2

Client Sample ID: SB-33B

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 8/3/11

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2705-232	47.6	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2705-232	35.4	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2705-232	34.6	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2705-232	38.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2705-232	37.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2705-232	45.3	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2705-232	24.8	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2705-232	43.0	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2705-232	37.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2705-232	47.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2705-232	403	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2705-232	68.6	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2705-232	47.1	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2705-232	55.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2705-232	55.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2705-232	45.4	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2705-232	41.0	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2705-232	59.6	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2705-232	34.8	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2705-232	35.4	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2705-232	55.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2705-232	19.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2705-232	500	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2705-232	51.9	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2705-232	42.7	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2705-232	43.6	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2705-232	44.5	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2705-232	112	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2705-232	763	ND	ug/Kg	U
83-32-9	Acenaphthene	C2705-232	48.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2705-232	39.4	ND	ug/Kg	U
62-53-3	Aniline	C2705-232	35.6	ND	ug/Kg	U



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9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-2

Client Sample ID: SB-33B

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 8/3/11

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2705-232	50.9	ND	ug/Kg	U
92-87-5	Benzidine	C2705-232	1000	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2705-232	48.4	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2705-232	59.6	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2705-232	47.5	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2705-232	87.4	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2705-232	87.1	ND	ug/Kg	U
65-85-0	Benzoic acid	C2705-232	6700	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2705-232	67.5	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2705-232	47.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2705-232	54.1	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2705-232	42.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2705-232	74.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2705-232	60.4	ND	ug/Kg	U
86-74-8	Carbazole	C2705-232	65.9	ND	ug/Kg	U
218-01-9	Chrysene	C2705-232	60.5	ND	ug/Kg	U
	Cresols	C2705-232	76.4	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2705-232	64.4	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2705-232	56.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2705-232	63.8	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2705-232	38.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2705-232	74.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2705-232	55.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2705-232	63.0	ND	ug/Kg	U
86-73-7	Fluorene	C2705-232	46.0	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2705-232	49.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2705-232	45.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2705-232	354	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2705-232	50.9	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2705-232	52.9	ND	ug/Kg	U
78-59-1	Isophorone	C2705-232	52.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2705-232	34.6	ND	ug/Kg	U



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9/9/11

Semivolatile Compounds - EPA 8270C

Sample: **1107319-2**

Client Sample ID: SB-33B

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 8/3/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2705-232	72.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2705-232	62.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2705-232	46.0	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2705-232	44.3	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2705-232	434	ND	ug/Kg	U
85-01-8	Phenanthrene	C2705-232	52.1	ND	ug/Kg	U
108-95-2	Phenol	C2705-232	29.9	ND	ug/Kg	U
129-00-0	Pyrene	C2705-232	42.3	ND	ug/Kg	U
110-86-1	Pyridine	C2705-232	65.6	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	C2705-232	42.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2705-232	35.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2705-232	41.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2705-232	36.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2705-232	38.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2705-232	76.0 %	(18 - 137)	



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9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2704-219	48.3	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2704-219	35.9	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2704-219	35.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2704-219	39.0	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2704-219	37.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2704-219	46.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2704-219	25.2	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2704-219	43.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2704-219	38.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2704-219	48.5	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2704-219	409	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2704-219	69.7	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2704-219	47.9	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2704-219	56.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2704-219	56.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2704-219	46.1	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2704-219	41.6	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2704-219	60.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2704-219	35.3	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2704-219	35.9	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2704-219	56.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2704-219	20.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2704-219	508	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2704-219	52.7	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2704-219	43.3	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2704-219	44.3	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2704-219	45.2	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2704-219	114	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2704-219	775	ND	ug/Kg	U
83-32-9	Acenaphthene	C2704-219	48.9	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2704-219	40.0	ND	ug/Kg	U
62-53-3	Aniline	C2704-219	36.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2704-219	51.7	ND	ug/Kg	U
92-87-5	Benzidine	C2704-219	1020	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2704-219	49.1	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2704-219	60.5	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2704-219	48.2	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2704-219	88.7	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2704-219	88.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2704-219	6810	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2704-219	68.5	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2704-219	48.1	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2704-219	54.9	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2704-219	42.6	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2704-219	76.1	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2704-219	61.3	ND	ug/Kg	U
86-74-8	Carbazole	C2704-219	66.9	ND	ug/Kg	U
218-01-9	Chrysene	C2704-219	61.4	ND	ug/Kg	U
	Cresols	C2704-219	77.5	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2704-219	65.4	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2704-219	57.1	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2704-219	64.8	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2704-219	38.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2704-219	76.0	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2704-219	56.1	ND	ug/Kg	U
206-44-0	Fluoranthene	C2704-219	64.0	ND	ug/Kg	U
86-73-7	Fluorene	C2704-219	46.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2704-219	49.7	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2704-219	46.5	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2704-219	359	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2704-219	51.7	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2704-219	53.7	ND	ug/Kg	U
78-59-1	Isophorone	C2704-219	53.1	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2704-219	35.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2704-219	73.8	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2704-219	63.3	ND	ug/Kg	U
91-20-3	Naphthalene	C2704-219	46.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2704-219	44.9	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2704-219	440	ND	ug/Kg	U
85-01-8	Phenanthrene	C2704-219	52.8	ND	ug/Kg	U
108-95-2	Phenol	C2704-219	30.3	ND	ug/Kg	U
129-00-0	Pyrene	C2704-219	43.0	ND	ug/Kg	U
110-86-1	Pyridine	C2704-219	66.6	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	C2704-219	31.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2704-219	28.0 %	(30 - 115)	D
367-12-4	2-FLUOROPHENOL	C2704-219	32.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2704-219	29.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2704-219	32.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2704-219	47.2 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-5

Client Sample ID: SB-35B

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:34

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2704-220	47.1	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2704-220	35.0	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2704-220	34.2	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2704-220	38.1	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2704-220	36.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2704-220	44.8	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2704-220	24.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2704-220	42.6	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2704-220	37.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2704-220	47.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2704-220	399	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2704-220	68.0	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2704-220	46.7	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2704-220	54.6	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2704-220	54.6	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2704-220	45.0	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2704-220	40.5	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2704-220	59.0	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2704-220	34.4	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2704-220	35.0	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2704-220	54.6	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2704-220	19.5	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2704-220	495	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2704-220	51.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2704-220	42.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2704-220	43.1	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2704-220	44.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2704-220	111	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2704-220	755	ND	ug/Kg	U
83-32-9	Acenaphthene	C2704-220	47.7	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2704-220	39.0	ND	ug/Kg	U
62-53-3	Aniline	C2704-220	35.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-5

Client Sample ID: SB-35B

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:34

% Solid: 88.3%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2704-220	50.4	ND	ug/Kg	U
92-87-5	Benzidine	C2704-220	994	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2704-220	47.9	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2704-220	59.0	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2704-220	47.0	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2704-220	86.5	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2704-220	86.2	ND	ug/Kg	U
65-85-0	Benzoic acid	C2704-220	6640	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2704-220	66.8	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2704-220	46.9	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2704-220	53.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2704-220	41.6	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2704-220	74.2	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2704-220	59.8	ND	ug/Kg	U
86-74-8	Carbazole	C2704-220	65.2	ND	ug/Kg	U
218-01-9	Chrysene	C2704-220	59.9	ND	ug/Kg	U
	Cresols	C2704-220	75.5	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2704-220	63.8	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2704-220	55.7	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2704-220	63.2	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2704-220	37.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2704-220	74.1	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2704-220	54.7	ND	ug/Kg	U
206-44-0	Fluoranthene	C2704-220	62.4	ND	ug/Kg	U
86-73-7	Fluorene	C2704-220	45.5	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2704-220	48.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2704-220	45.3	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2704-220	350	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2704-220	50.4	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2704-220	52.3	ND	ug/Kg	U
78-59-1	Isophorone	C2704-220	51.8	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2704-220	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

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-5

Client Sample ID: SB-35B

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:34

% Solid: 88.3%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2704-220	71.9	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2704-220	61.7	ND	ug/Kg	U
91-20-3	Naphthalene	C2704-220	45.5	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2704-220	43.8	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2704-220	429	ND	ug/Kg	U
85-01-8	Phenanthrene	C2704-220	51.5	ND	ug/Kg	U
108-95-2	Phenol	C2704-220	29.6	ND	ug/Kg	U
129-00-0	Pyrene	C2704-220	41.9	172	ug/Kg	J
110-86-1	Pyridine	C2704-220	64.9	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	C2704-220	16.4 %	(19 - 122)	D
321-60-8	2-FLUOROBIPHENYL	C2704-220	23.8 %	(30 - 115)	D
367-12-4	2-FLUOROPHENOL	C2704-220	26.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2704-220	24.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2704-220	26.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2704-220	29.1 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-6

Client Sample ID: SB-35C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:37

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2704-221	48.4	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2704-221	35.9	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2704-221	35.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2704-221	39.1	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2704-221	37.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2704-221	46.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2704-221	25.2	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2704-221	43.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2704-221	38.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2704-221	48.6	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2704-221	409	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2704-221	69.8	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2704-221	47.9	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2704-221	56.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2704-221	56.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2704-221	46.2	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2704-221	41.6	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2704-221	60.6	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2704-221	35.3	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2704-221	35.9	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2704-221	56.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2704-221	20.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2704-221	508	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2704-221	52.8	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2704-221	43.4	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2704-221	44.3	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2704-221	45.2	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2704-221	114	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2704-221	776	ND	ug/Kg	U
83-32-9	Acenaphthene	C2704-221	49.0	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2704-221	40.0	ND	ug/Kg	U
62-53-3	Aniline	C2704-221	36.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-6

Client Sample ID: SB-35C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:37

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2704-221	51.7	ND	ug/Kg	U
92-87-5	Benzidine	C2704-221	1020	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2704-221	49.2	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2704-221	60.6	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2704-221	48.3	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2704-221	88.8	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2704-221	88.5	ND	ug/Kg	U
65-85-0	Benzoic acid	C2704-221	6810	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2704-221	68.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2704-221	48.1	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2704-221	55.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2704-221	42.7	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2704-221	76.2	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2704-221	61.4	ND	ug/Kg	U
86-74-8	Carbazole	C2704-221	67.0	ND	ug/Kg	U
218-01-9	Chrysene	C2704-221	61.5	ND	ug/Kg	U
	Cresols	C2704-221	77.5	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2704-221	65.5	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2704-221	57.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2704-221	64.9	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2704-221	38.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2704-221	76.0	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2704-221	56.2	ND	ug/Kg	U
206-44-0	Fluoranthene	C2704-221	64.1	ND	ug/Kg	U
86-73-7	Fluorene	C2704-221	46.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2704-221	49.8	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2704-221	46.5	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2704-221	359	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2704-221	51.7	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2704-221	53.7	ND	ug/Kg	U
78-59-1	Isophorone	C2704-221	53.1	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2704-221	35.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-6

Client Sample ID: SB-35C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:37

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2704-221	73.8	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2704-221	63.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2704-221	46.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2704-221	45.0	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2704-221	441	ND	ug/Kg	U
85-01-8	Phenanthrene	C2704-221	52.9	ND	ug/Kg	U
108-95-2	Phenol	C2704-221	30.3	ND	ug/Kg	U
129-00-0	Pyrene	C2704-221	43.0	ND	ug/Kg	U
110-86-1	Pyridine	C2704-221	66.6	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	C2704-221	31.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2704-221	33.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2704-221	37.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2704-221	34.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2704-221	38.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2704-221	48.2 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-8

Client Sample ID: SB-36B

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:55

% Solid: 86.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2704-222	48.0	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2704-222	35.6	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2704-222	34.8	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2704-222	38.8	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2704-222	37.6	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2704-222	45.7	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2704-222	25.0	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2704-222	43.4	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2704-222	37.8	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2704-222	48.2	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2704-222	406	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2704-222	69.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2704-222	47.5	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2704-222	55.6	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2704-222	55.6	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2704-222	45.8	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2704-222	41.3	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2704-222	60.1	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2704-222	35.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2704-222	35.6	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2704-222	55.6	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2704-222	19.8	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2704-222	504	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2704-222	52.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2704-222	43.0	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2704-222	43.9	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2704-222	44.9	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2704-222	113	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2704-222	769	ND	ug/Kg	U
83-32-9	Acenaphthene	C2704-222	48.6	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2704-222	39.7	ND	ug/Kg	U
62-53-3	Aniline	C2704-222	35.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-8

Client Sample ID: SB-36B

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:55

% Solid: 86.7%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2704-222	51.3	ND	ug/Kg	U
92-87-5	Benzidine	C2704-222	1010	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2704-222	48.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2704-222	60.1	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2704-222	47.9	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2704-222	88.1	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2704-222	87.8	ND	ug/Kg	U
65-85-0	Benzoic acid	C2704-222	6760	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2704-222	68.1	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2704-222	47.8	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2704-222	54.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2704-222	42.3	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2704-222	75.5	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2704-222	60.9	ND	ug/Kg	U
86-74-8	Carbazole	C2704-222	66.4	ND	ug/Kg	U
218-01-9	Chrysene	C2704-222	61.0	ND	ug/Kg	U
	Cresols	C2704-222	76.9	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2704-222	64.9	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2704-222	56.7	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2704-222	64.4	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2704-222	38.5	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2704-222	75.4	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2704-222	55.7	ND	ug/Kg	U
206-44-0	Fluoranthene	C2704-222	63.6	ND	ug/Kg	U
86-73-7	Fluorene	C2704-222	46.4	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2704-222	49.4	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2704-222	46.1	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2704-222	356	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2704-222	51.3	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2704-222	53.3	ND	ug/Kg	U
78-59-1	Isophorone	C2704-222	52.7	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2704-222	34.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-8

Client Sample ID: SB-36B

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:55

% Solid: 86.7%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2704-222	73.2	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2704-222	62.9	ND	ug/Kg	U
91-20-3	Naphthalene	C2704-222	46.4	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2704-222	44.6	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2704-222	437	ND	ug/Kg	U
85-01-8	Phenanthrene	C2704-222	52.5	ND	ug/Kg	U
108-95-2	Phenol	C2704-222	30.1	ND	ug/Kg	U
129-00-0	Pyrene	C2704-222	42.7	47.0	ug/Kg	J
110-86-1	Pyridine	C2704-222	66.1	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	C2704-222	26.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2704-222	30.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2704-222	30.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2704-222	29.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2704-222	31.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2704-222	39.8 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-9

Client Sample ID: SB-36C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:59

% Solid: 83.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2705-233	49.8	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2705-233	37.0	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2705-233	36.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2705-233	40.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2705-233	39.0	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2705-233	47.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2705-233	26.0	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2705-233	45.0	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2705-233	39.2	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2705-233	50.0	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2705-233	421	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2705-233	71.8	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2705-233	49.3	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2705-233	57.7	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2705-233	57.7	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2705-233	47.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2705-233	42.8	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2705-233	62.3	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2705-233	36.4	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2705-233	37.0	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2705-233	57.7	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2705-233	20.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2705-233	523	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2705-233	54.3	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2705-233	44.6	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2705-233	45.6	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2705-233	46.5	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2705-233	117	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2705-233	798	ND	ug/Kg	U
83-32-9	Acenaphthene	C2705-233	50.4	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2705-233	41.1	ND	ug/Kg	U
62-53-3	Aniline	C2705-233	37.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-9

Client Sample ID: SB-36C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 14:59

% Solid: 83.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2705-233	53.2	ND	ug/Kg	U
92-87-5	Benzidine	C2705-233	1050	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2705-233	50.6	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2705-233	62.3	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2705-233	49.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2705-233	91.4	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2705-233	91.0	ND	ug/Kg	U
65-85-0	Benzoic acid	C2705-233	7010	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2705-233	70.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2705-233	49.5	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2705-233	56.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2705-233	43.9	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2705-233	78.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2705-233	63.2	ND	ug/Kg	U
86-74-8	Carbazole	C2705-233	68.9	ND	ug/Kg	U
218-01-9	Chrysene	C2705-233	63.3	ND	ug/Kg	U
	Cresols	C2705-233	79.8	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2705-233	67.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2705-233	58.9	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2705-233	66.7	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2705-233	40.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2705-233	78.2	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2705-233	57.8	ND	ug/Kg	U
206-44-0	Fluoranthene	C2705-233	65.9	ND	ug/Kg	U
86-73-7	Fluorene	C2705-233	48.1	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2705-233	51.2	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2705-233	47.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2705-233	370	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2705-233	53.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2705-233	55.3	ND	ug/Kg	U
78-59-1	Isophorone	C2705-233	54.7	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2705-233	36.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

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9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-9

Client Sample ID: SB-36C

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:59

% Solid: 83.6%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2705-233	76.0	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2705-233	65.2	ND	ug/Kg	U
91-20-3	Naphthalene	C2705-233	48.1	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2705-233	46.3	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2705-233	453	ND	ug/Kg	U
85-01-8	Phenanthrene	C2705-233	54.4	ND	ug/Kg	U
108-95-2	Phenol	C2705-233	31.2	ND	ug/Kg	U
129-00-0	Pyrene	C2705-233	44.3	ND	ug/Kg	U
110-86-1	Pyridine	C2705-233	68.5	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	C2705-233	30.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2705-233	29.8 %	(30 - 115)	D
367-12-4	2-FLUOROPHENOL	C2705-233	35.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2705-233	30.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2705-233	33.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2705-233	45.8 %	(18 - 137)	



Environmental Quality Services, Inc.

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9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-10

Client Sample ID: SB-36D

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 15:05

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2705-234	51.0	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2705-234	37.9	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2705-234	37.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2705-234	41.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2705-234	40.0	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2705-234	48.6	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2705-234	26.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2705-234	46.1	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2705-234	40.2	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2705-234	51.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2705-234	432	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2705-234	73.6	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2705-234	50.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2705-234	59.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2705-234	59.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2705-234	48.7	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2705-234	43.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2705-234	63.9	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2705-234	37.3	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2705-234	37.9	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2705-234	59.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2705-234	21.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2705-234	536	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2705-234	55.7	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2705-234	45.8	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2705-234	46.7	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2705-234	47.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2705-234	120	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2705-234	818	ND	ug/Kg	U
83-32-9	Acenaphthene	C2705-234	51.7	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2705-234	42.2	ND	ug/Kg	U
62-53-3	Aniline	C2705-234	38.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-10

Client Sample ID: SB-36D

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 15:05

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2705-234	54.6	ND	ug/Kg	U
92-87-5	Benzidine	C2705-234	1080	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2705-234	51.9	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2705-234	63.9	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2705-234	50.9	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2705-234	93.7	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2705-234	93.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2705-234	7190	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2705-234	72.4	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2705-234	50.8	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2705-234	58.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2705-234	45.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2705-234	80.4	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2705-234	64.8	ND	ug/Kg	U
86-74-8	Carbazole	C2705-234	70.7	ND	ug/Kg	U
218-01-9	Chrysene	C2705-234	64.9	ND	ug/Kg	U
	Cresols	C2705-234	81.8	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2705-234	69.1	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2705-234	60.4	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2705-234	68.5	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2705-234	41.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2705-234	80.2	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2705-234	59.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2705-234	67.6	ND	ug/Kg	U
86-73-7	Fluorene	C2705-234	49.3	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2705-234	52.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2705-234	49.1	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2705-234	379	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2705-234	54.6	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2705-234	56.7	ND	ug/Kg	U
78-59-1	Isophorone	C2705-234	56.1	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2705-234	37.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-10

Client Sample ID: SB-36D

Matrix: Soil

Type: Grab

Collected: 7/21/11 15:05

% Solid: 81.5%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2705-234	77.9	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2705-234	66.9	ND	ug/Kg	U
91-20-3	Naphthalene	C2705-234	49.3	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2705-234	47.5	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2705-234	465	ND	ug/Kg	U
85-01-8	Phenanthrene	C2705-234	55.8	ND	ug/Kg	U
108-95-2	Phenol	C2705-234	32.0	ND	ug/Kg	U
129-00-0	Pyrene	C2705-234	45.4	ND	ug/Kg	U
110-86-1	Pyridine	C2705-234	70.3	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	C2705-234	36.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2705-234	36.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2705-234	45.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2705-234	38.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2705-234	42.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2705-234	62.7 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-11

Client Sample ID: SB-37B

Matrix: Soil

Type: Grab

Collected: 7/21/11 15:16

% Solid: 89.7%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2705-235	232	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2705-235	172	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2705-235	168	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2705-235	187	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2705-235	182	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2705-235	221	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2705-235	121	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2705-235	210	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2705-235	183	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2705-235	233	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2705-235	1960	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2705-235	334	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2705-235	230	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2705-235	269	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2705-235	269	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2705-235	221	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2705-235	200	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2705-235	290	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2705-235	169	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2705-235	172	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2705-235	269	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2705-235	95.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2705-235	2440	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2705-235	253	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2705-235	208	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2705-235	212	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2705-235	217	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2705-235	545	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2705-235	3720	ND	ug/Kg	U
83-32-9	Acenaphthene	C2705-235	235	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2705-235	192	ND	ug/Kg	U
62-53-3	Aniline	C2705-235	173	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-11

Client Sample ID: SB-37B

Matrix: Soil

Type: Grab

Collected: 7/21/11 15:16

% Solid: 89.7%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2705-235	248	ND	ug/Kg	U
92-87-5	Benzidine	C2705-235	4890	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2705-235	236	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2705-235	290	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2705-235	231	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2705-235	426	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2705-235	424	ND	ug/Kg	U
65-85-0	Benzoic acid	C2705-235	32700	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2705-235	329	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2705-235	231	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2705-235	264	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2705-235	205	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2705-235	365	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2705-235	294	ND	ug/Kg	U
86-74-8	Carbazole	C2705-235	321	ND	ug/Kg	U
218-01-9	Chrysene	C2705-235	295	ND	ug/Kg	U
	Cresols	C2705-235	372	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2705-235	314	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2705-235	274	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2705-235	311	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2705-235	186	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2705-235	365	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2705-235	269	ND	ug/Kg	U
206-44-0	Fluoranthene	C2705-235	307	ND	ug/Kg	U
86-73-7	Fluorene	C2705-235	224	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2705-235	239	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2705-235	223	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2705-235	1720	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2705-235	248	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2705-235	258	ND	ug/Kg	U
78-59-1	Isophorone	C2705-235	255	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2705-235	168	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-11

Client Sample ID: SB-37B

Matrix: Soil

Type: Grab

Collected: 7/21/11 15:16

% Solid: 89.7%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2705-235	354	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2705-235	304	ND	ug/Kg	U
91-20-3	Naphthalene	C2705-235	224	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2705-235	216	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2705-235	2110	ND	ug/Kg	U
85-01-8	Phenanthrene	C2705-235	254	ND	ug/Kg	U
108-95-2	Phenol	C2705-235	145	ND	ug/Kg	U
129-00-0	Pyrene	C2705-235	206	ND	ug/Kg	U
110-86-1	Pyridine	C2705-235	319	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	C2705-235	10.0 %	(19 - 122)	D
321-60-8	2-FLUOROBIPHENYL	C2705-235	31.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2705-235	37.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2705-235	32.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2705-235	36.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2705-235	59.6 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-12

Client Sample ID: SB-37C

Matrix: Soil

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Type: Grab

Collected: 7/21/11 15:20

% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2705-236	188	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2705-236	140	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2705-236	137	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2705-236	152	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2705-236	148	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2705-236	179	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2705-236	98.3	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2705-236	170	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2705-236	149	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2705-236	189	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2705-236	1590	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2705-236	272	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2705-236	187	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2705-236	218	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2705-236	218	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2705-236	180	4450	ug/Kg	
95-48-7	2-Methylphenol	C2705-236	162	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2705-236	236	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2705-236	138	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2705-236	140	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2705-236	218	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2705-236	77.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2705-236	1980	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2705-236	206	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2705-236	169	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2705-236	173	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2705-236	176	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2705-236	443	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2705-236	3020	ND	ug/Kg	U
83-32-9	Acenaphthene	C2705-236	191	417	ug/Kg	J
208-96-8	Acenaphthylene	C2705-236	156	ND	ug/Kg	U
62-53-3	Aniline	C2705-236	141	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-12

Client Sample ID: SB-37C

Matrix: Soil

Type: Grab

Collected: 7/21/11 15:20

% Solid: 88.3%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2705-236	202	ND	ug/Kg	U
92-87-5	Benzidine	C2705-236	3980	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2705-236	192	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2705-236	236	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2705-236	188	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2705-236	346	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2705-236	345	ND	ug/Kg	U
65-85-0	Benzoic acid	C2705-236	26500	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2705-236	267	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2705-236	188	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2705-236	214	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2705-236	166	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2705-236	297	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2705-236	239	ND	ug/Kg	U
86-74-8	Carbazole	C2705-236	261	ND	ug/Kg	U
218-01-9	Chrysene	C2705-236	240	ND	ug/Kg	U
	Cresols	C2705-236	302	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2705-236	255	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2705-236	223	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2705-236	253	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2705-236	151	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2705-236	296	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2705-236	219	ND	ug/Kg	U
206-44-0	Fluoranthene	C2705-236	250	ND	ug/Kg	U
86-73-7	Fluorene	C2705-236	182	552	ug/Kg	J
118-74-1	Hexachlorobenzene	C2705-236	194	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2705-236	181	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2705-236	1400	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2705-236	202	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2705-236	209	ND	ug/Kg	U
78-59-1	Isophorone	C2705-236	207	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2705-236	137	ND	ug/Kg	U



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9/9/11

Semivolatile Compounds - EPA 8270C

Sample: 1107319-12

Client Sample ID: SB-37C

Matrix: Soil

Type: Grab

Collected: 7/21/11 15:20

% Solid: 88.3%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2705-236	288	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2705-236	247	ND	ug/Kg	U
91-20-3	Naphthalene	C2705-236	182	760	ug/Kg	J
98-95-3	Nitrobenzene	C2705-236	175	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2705-236	1720	ND	ug/Kg	U
85-01-8	Phenanthrene	C2705-236	206	1070	ug/Kg	J
108-95-2	Phenol	C2705-236	118	ND	ug/Kg	U
129-00-0	Pyrene	C2705-236	168	343	ug/Kg	J
110-86-1	Pyridine	C2705-236	260	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	C2705-236	11.3 %	(19 - 122)	D
321-60-8	2-FLUOROBIPHENYL	C2705-236	28.2 %	(30 - 115)	D
367-12-4	2-FLUOROPHENOL	C2705-236	32.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2705-236	30.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2705-236	31.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2705-236	47.3 %	(18 - 137)	



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9/9/11

Semivolatiles + 30 - TIC Search

Sample: 1107319-2

Client Sample ID: SB-33B

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:08

% Solid: 87.4%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 8/3/11

Analyte	RT	Result	Units
None Detected			ug/Kg
None Detected			ug/Kg

Sample: 1107319-3

Client Sample ID: SB-33C

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:12

% Solid: 86.1%

Remarks:

Analyzed Date: 8/3/11

Preparation Date(s) : 7/27/11

Analyte	RT	Result	Units
None Detected			ug/Kg
None Detected			ug/Kg



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9/9/11

PCB Aroclors by SW846 8082/EPA 608

Sample: 1107319-4

Client Sample ID: S34-A

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:20

% Solid: 75.8%

Remarks:

Analyzed Date: 7/27/11

Preparation Date(s) : 7/22/11

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1247-25	21.0	ND	ug/Kg	U
11104-28-2	PCB 1221	K1247-25	21.0	ND	ug/Kg	U
11141-16-5	PCB 1232	K1247-25	21.0	ND	ug/Kg	U
53469-21-9	PCB 1242	K1247-25	21.0	ND	ug/Kg	U
12672-29-6	PCB 1248	K1247-25	21.0	ND	ug/Kg	U
11097-69-1	PCB 1254	K1247-25	21.0	ND	ug/Kg	U
11096-82-5	PCB 1260	K1247-25	14.6	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	K1247-25	53.7 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1247-25	51.7 %	(30 - 150)	



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9/9/11

Lead by SW846 6010/EPA 200.7

Sample: 1107319-1

Client Sample ID: S32-A

Matrix: Soil

Type: Grab

Collected: 7/21/11 13:58

% Solid: 98.9%

Remarks:

Analyzed Date: 7/27/11

Preparation Date(s) : 7/26/11

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.38	37.0	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1107319-4

Client Sample ID: S34-A

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:20

% Solid: 75.8%

Remarks:

Analyzed Date: 7/27/11

Preparation Date(s) : 7/26/11

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.49	43.5	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1107319-7

Client Sample ID: S35-A

Matrix: Soil

Type: Grab

Collected: 7/21/11 14:43

% Solid: 77.2%

Remarks:

Analyzed Date: 7/27/11

Preparation Date(s) : 7/26/11

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.49	56.7	mg/Kg	

* Results are reported on a dry weight basis



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9/9/11

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:

Chloroethane (Coef = 0.995)

Acrolein (Coef = 0.976)

The following compounds have a %RDS greater than 15

Chloroethane

Acrolein

Tert butyl alcohol

Tetrahydrofuran

1,2,3-Dibromo-3-chloropropane.



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9/9/11

Case Narrative

Average response factors were used as the method of quantitation for all compounds.

With the exception linear regression was used:

Bromomethane (0.999)

Chloroethane (0.941)

Acetone (0.993)

Tetrahydrofuran (0.970)

Tert amyl methyl alcohol (0.996)

Ter amyl alcohol (0.940)

1,2 Dibromoethane (0.994)

1,2,3-Trichloropropane (0.995)

Ter-Butylbenzene (0.997)

Hexachlorobutadiene (0.994)



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9/9/11

Case Narrative

VOLATILES ANALYSIS

GCMS-V - 1107319

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 samples 1107319-11 and 1107319-12. The samples were analyzed and retested using a 1:125 dilution.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for each of the matrix spike blanks were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample 1107319-04 was utilized for the MS/MSD analyses. All spike recoveries and all RPDs were within QC limits.

METHOD BLANK

Four (4) method blank samples are associated with these samples. Each of the method blank 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:

Acetone
pentanone
e

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Case Narrative

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.

Calibration curve analysis on Instrument C - Average response factors were used as the method of quantitation for all compounds with the exception of linear regression for:

Bromomethane (0.999)
Chloroethane (0.941)
Acetone (0.993)
Tetrahydrofuran (0.970)
Tert amyl methyl alcohol (0.996)
Ter amyl alcohol (0.940)
1,2 Dibromoethane (0.994)
1,2,3-Trichloropropane (0.995)
Ter-Butylbenzene (0.997)
Hexachlorobutadiene (0.994)

Calibration curve analysis on Instrument A - Average response factor for the quantitation method was acceptable for all compounds with the following exceptions in which linear regression was used:

Chloroethane (Coef = 0.995)
Acrolein (Coef = 0.976)

The following compounds have a %RSD greater than 15

Chloroethane
Acrolein
Tert butyl alcohol
Tetrahydrofuran
1,2,3-Dibromo-3-chloropropane.

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

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.



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Case Narrative

PCB(Aroclor) ANALYSIS

GC-SV: 1107319

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.

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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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9/9/11

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 factors were used as the method of quantitation for all compounds.

With the exception linear regression was used:

- Bromomethane (0.999)
- Chloroethane (0.941)
- Acetone (0.993)
- Tetrahydrofuran (0.970)
- Tert amyl methyl alcohol (0.996)
- Ter amyl alcohol (0.940)
- 1,2 Dibromoethane (0.994)
- 1,2,3-Trichloropropane (0.995)
- Ter-Butylbenzene (0.997)
- Hexachlorobutadiene (0.994)



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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

